

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

**1571, 1581, and 1593 Industrial Parkway West
Hayward, California**

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1.0 INTRODUCTION

Farallon Consulting, L.L.C. (Farallon) has prepared this updated Phase II Environmental Site Assessment (Phase II ESA) Report for CenterPoint 1571 Industrial LLC (CenterPoint) to present the results from the subsurface investigation conducted at the property at 1571, 1581, and 1593 Industrial Parkway West in Hayward, California (herein referred to as the Site) (Figure 1). The Phase II ESA was conducted to assess for the potential presence of selected constituents of concern (COCs) from potential historical releases at the Site, summarized in the *Phase I Environmental Site Assessment Report, 1571, 1581, and 1593 Industrial Parkway West, Hayward, California* dated August 30, 2021 prepared by Farallon (2021b) (2021 Phase I Report). The scope of work for the subsurface investigation work was detailed in the letter regarding Phase I Environmental Site Assessment Preliminary Findings and Recommendations, 1571, 1581, and 1591 Industrial Parkway West, Hayward, California dated August 19, 2021 from Scott Allin of Farallon (2021a) to Ashley Piatek of CenterPoint, the email regarding 1581 Industrial Parkway – Supplemental Testing dated September 13, 2021 from Scott Allin of Farallon (2021c) to Ashley Piatek of CenterPoint, and the letter regarding Proposed Scope of Work for Additional Investigation, 1571, 1581, and 1593 Industrial Parkway West, Hayward, California dated September 24, 2021 from Scott Allin of Farallon (2021d) to Ashley Piatek of CenterPoint.

This Phase II ESA Report has been organized into the following sections:

- **Section 2, Site Background**, summarizes pertinent background information regarding the Site.
- **Section 3, Physical Setting**, provides the topography, geology, and hydrogeology of the Site.
- **Section 4, Subsurface Investigation**, provides a description of the scope of work conducted as part of the subsurface investigation, and presents a summary of the soil, groundwater, and soil gas analytical results.
- **Section 5, Conclusions and Recommendations**, presents Farallon’s conclusions and recommendations based on the results.
- **Section 6, References**, provides a list of the documents cited in this Phase II ESA Report.
- **Section 7, Limitations**, presents Farallon’s standard limitations applicable to this Phase II ESA Report.



2.0 SITE BACKGROUND

The Site consists of Alameda County Parcel No. 464-100-31, which totals 4.09 acres of land developed with three slab-on-grade metal industrial buildings and several covered storage areas. The southeastern portion of the Site is developed with an approximately 17,200-square-foot industrial building with the address 1571 Industrial Parkway West (1571 Building). The northwestern portion of the Site is developed with an approximately 18,000-square-foot industrial building with the address 1581 Industrial Parkway West (1581 Building). Several metal canopies are present south of the 1581 Building. The southwestern portion of the Site is developed with an approximately 11,800-square-foot industrial building with the address 1593 Industrial Parkway West (1593 Building). Site improvements were completed primarily in the early 1970s, with additions in the 1980s. Remaining portions of the Site consist primarily of asphalt- and concrete-paved surfaces used for automobile parking and equipment storage. Some areas with unpaved surfaces were observed during the site reconnaissance conducted by Farallon as part of the August 2021 Phase I ESA. Access to the majority of the Site is gained from Industrial Parkway West, south of the Site; access to the northern portion of the 1571 Building is gained from the east-adjacent property.

At the time of Farallon's site reconnaissance, the Site was occupied by 10 tenants; primarily automotive repair and service companies. The majority of the tenants used automotive repair and maintenance chemicals and generated automotive chemical wastes. Poor housekeeping practices were observed in a number of the tenant spaces, particularly the AMPM Tire & Service-occupied tenant space in the northern portion of the 1571 Building. An oil-water separator was observed in use in the southern portion of the 1571 Building. Historically, the Site has been used for automotive repair and other industrial purposes since the early 1970s, which predates regulatory oversight of hazardous material use. A site plan depicting the current Site features and tenants is provided on Figure 2.

According to the 2021 Phase I ESA Report, the east-adjacent property has been occupied by an automotive fueling station since 1960. Historical releases of gasoline and diesel fuel related to nine underground storage tanks (USTs) that were removed between 1998 and 1999 have been identified during investigations. The nine USTs contained gasoline, diesel fuel, kerosene, Stoddard solvent, and waste oil. During removal, extensive free-floating petroleum product was generally encountered on the surface of groundwater beneath the USTs, and overexcavation of soil was performed. Also, during UST removal, free-product-recovery trenches were installed on the east-adjacent property, apparently as a remedial measure; Farallon was unable to locate reports documenting product-removal actions. Up to nine groundwater monitoring wells were installed in 2002 to monitor groundwater quality over time. Numerous requests for low-threat closure have been refused by regulators, and several additional investigations have been performed with additional testing on the east-adjacent property pending.



A 1,000-gallon waste-oil UST associated with the east-adjacent property, referred to as Tank 6, was present on the Site. Total petroleum hydrocarbons as diesel-range organics were detected at a concentration of 1,300 milligrams per kilogram in a soil sample collected during removal of Tank 6. Soil samples were not analyzed for all COCs typically associated with waste oil such as volatile organic compounds (VOCs) and metals. According to documents reviewed in the California State Water Resources Control Board GeoTracker database (GeoTracker database), impacted soil proximate to Tank 6 could not be removed due to concerns about the integrity of the 1571 Building foundation. Groundwater was not encountered in the Tank 6 excavation; no groundwater sampling proximate to or down-gradient of the UST was identified in the regulatory record.

The 2021 Phase I Report identified the following recognized environmental conditions in connection with the Site:

- The historical use of the Site for automotive repair and other industrial purposes dating back to the early 1970s, which predates regulatory oversight of hazardous material use;
- Poor housekeeping practices observed within the AMPM Tire & Service occupied tenant space;
- An aged clarifier in the southeastern interior of the 1571 Building; and
- Petroleum releases associated with the east-adjacent property and Tank 6 on the Site



3.0 PHYSICAL SETTING

The topography, geology, and hydrogeology of the Site are described in this section.

3.1 TOPOGRAPHY

As part of the 2021 Phase I ESA, Farallon reviewed the U.S. Geological Survey topographic map for Hayward, California dated 2015. The map depicts the Site at an elevation of approximately 14 feet above mean sea level. Site topography is relatively flat. Regional topography is generally flat, with a slight slope down to the south-southwest toward San Francisco Bay

3.2 GEOLOGY AND HYDROGEOLOGY

The geology in Hayward, California is dominated by the effects of the active Hayward fault, which extends from Berkeley to south of Fremont. Areas west of the fault have been lowered to at least 1,000 feet below sea level; areas east of the fault have been uplifted to produce the Diablo Range. The area west of the fault zone consists of three coalescing alluvial fans known as the San Lorenzo Cone, which extend from Oakland to Fremont. The geology at the Site consists of Quaternary unconsolidated alluvial sediments. The upper 400 feet consists predominantly of blue or yellow silts and clays with variable amounts of sand and gravel.

According to the 2021 Phase I Report, soil in the Site area consists of Clear Lake clay, which is characterized as having a high runoff potential when saturated, and water movement is restricted or very restricted.

According to records for the east-adjacent property at 1565 Industrial Parkway West accessed in the GeoTracker database, first-encountered groundwater occurs at a depth of approximately 15 feet below ground surface (bgs), and static groundwater in the monitoring wells was measured at depths of approximately 8 to 13 feet bgs. Based on topography, groundwater flow proximate to the Site is expected to be generally to the south-southwest, toward San Francisco Bay. However, according to GeoTracker database records for the east-adjacent property at 1565 Industrial Parkway West, groundwater flow has varied from west to northeast.



4.0 SUBSURFACE INVESTIGATION

This section presents the scope of work for the subsurface investigation conducted at the Site, and summarizes the analytical results from the soil, groundwater, and soil gas sampling.

4.1 SCOPE OF WORK

The objective for the Phase II ESA was to investigate the recognized environmental conditions identified in the 2021 Phase I Report to the extent practical under environmental due diligence limitations. The following potential environmental concerns, objectives in Table 1, were investigated during the Phase II ESA:

- 1. Adjacent Property Releases:** The Golden Gate Petroleum facility at 1565 Industrial Parkway West, east-adjacent to the Site, is an open leaking underground storage tank (LUST) case. Gasoline, diesel fuel, Stoddard solvent, and kerosene USTs were removed from the Golden Gate Petroleum facility in 1998. Free-product and impacted soil and groundwater were observed at the time of the UST removals. No information regarding remedial actions conducted was located in the regulatory record. It is Farallon's opinion that the potential for impact to soil gas and groundwater beneath the Site has not been adequately evaluated to current industry standards.
- 2. Former Waste-Oil UST:** A waste-oil UST associated with the Golden Gate Petroleum facility at 1565 Industrial Parkway West, east-adjacent to the Site, formerly was present on the eastern portion of the Site currently occupied by AMPM Tire & Service in the 1571 Building (Figure 2). Heavy staining of soil and gravel near the waste-oil UST was noted during an inspection of the 1565 Industrial Parkway West facility by Alameda County Environmental Health in 1994. During removal of the waste-oil UST in 1998, petroleum-impacted soil was encountered. Overexcavation of impacted soil could not be performed due to concerns about the building foundation. Documentation of further investigation into the magnitude of the release from the waste-oil UST was not located in the files reviewed.
- 3. Historical Industrial Site Use:** The Site is improved with three buildings that historically have been used for light industrial purposes such as automotive service and repair. An aged oil-water separator exists in the southeastern interior of the 1571 Building. Based on available records, the buildings have been used for similar purposes since 1971, which predates regulatory oversight of hazardous material use. This unregulated use of hazardous materials and petroleum products on the Site may have resulted in releases to the environment.
- 4. Staining and Poor Housekeeping:** Stained soil and pavement and poor housekeeping practices were observed at multiple locations at the Site. Because of the Site use for industrial purposes, particularly automotive maintenance, and the history of hazardous material and petroleum product storage on the Site, the staining and poor housekeeping practices may have resulted in releases to the environment.



5. **Paint Booths:** Spray-paint booths were observed in three locations at the Site. Two of the spray-paint booths at D & A Bumpers and Manada Roofing reflected improvised construction without adequate containment. The use of industrial hazardous materials and the lack of proper material management may have resulted in releases to the environment.
6. **Polyvinyl Chloride Drains and Sumps:** Two open polyvinyl chloride (PVC) drains were present in the outdoor general contractor storage area associated with Manada Roofing. One was connected to a sewage sump and pump and appeared to be used for sewage discharge from a nearby mobile trailer home. The other PVC drain was in an improvised spray-paint booth and exited the western portion of the Site; the discharge point could not be located. The potential exists for hazardous materials to have been discharged to these drains, and the drains may not be connected to the sanitary sewer.

Table 1 presents the sampling and analysis plan for the Phase II ESA, including: the objectives for each boring; sample matrices; sample depths; and laboratory analyses and methodologies. Samples collected during the Phase II ESA were analyzed by McCampbell Analytical, Inc. of Pittsburg, California.

The Phase II ESA was conducted in phases on August 30 and 31; September 17; and October 12, 13, and 15, 2021. The following sections describe the scope of work for the subsurface investigation, including preparing a Health and Safety Plan (HASP), obtaining a required permit, and clearing underground utilities, all of which were conducted before field work began. Advancing borings; installing soil gas probes and temporary monitoring wells; and sampling soil, soil gas, and groundwater at the Site also are discussed.

4.1.1 Health and Safety Plan Preparation

A HASP was required under Section 3202 of Title 8 of the California Code of Regulations (8 CCR 3202) for the field activities due to the potential for exposure to hazardous substances. Prior to commencement of the field activities, Farallon prepared a HASP compliant with the requirements of the Occupational Safety and Health Act of 1970 and 8 CCR 3203. Personal protective equipment precautions related to COVID-19 also were implemented for field personnel during field activities in accordance with Farallon health and safety policy.

4.1.2 Permitting

Farallon obtained Water Resources Well Permits dated August 14, 2021 and October 8, 2021, from the Alameda County Public Works Agency prior to installing borings at the Site. Copies of the permits are provided in Appendix A.

4.1.3 Underground Utility Clearance

Prior to commencement of drilling activities, Farallon marked the proposed boring locations at the Site and contacted USA North 811 for public utility notice. Farallon also engaged a private utility location service to screen all proposed boring locations for utilities. Each boring was initially advanced using a hand-auger to a depth of 5.0 feet bgs to further screen for underground utilities.



4.1.4 Boring Advancement and Soil Sampling

A total of 26 borings were advanced during the Phase II ESA (Figure 2). With the exception of soil vapor pin borings, the borings were advanced to a depth of 5.0 feet bgs using a hand-auger, and to the terminus depth using a hydraulic-push drill rig. During boring advancement, soil samples were visually inspected and screened by a Farallon Scientist using a photoionization detector, and were described and logged using the United Soil Classification System (Modified). The field boring logs with soil descriptions are provided in Appendix B.

Soil samples collected for laboratory analysis were placed into laboratory-supplied glass jars, labeled, placed on ice, and transported to the analytical laboratory under standard chain-of-custody protocols. Soil samples collected for VOC analysis were preserved using U.S. Environmental Protection Agency (EPA) 5030 Methods. Laboratory methodologies are summarized in Table 1. Following the completion of sampling, borings were backfilled with neat cement and hydrated bentonite.

4.1.5 Soil Vapor Pin Installation and Sampling

Farallon installed nine temporary subslab soil vapor pins, selectively co-located with borings at locations FSS-1, FSS-4, FSS-7, FSS-11, FSS-13, FSS-14, and FSS-16 through FSS-18 (Figure 2). The subslab soil vapor pins were installed using a roto-hammer with a 0.625-inch drill bit to a depth of approximately 0.5 foot bgs. A vapor pin was installed at the bottom of the building slab into the boring. Soil gas samples were collected in accordance with the *Advisory: Active Soil Gas Investigations* dated July 2015 prepared by the California Environmental Protection Agency et al. (2015) (Soil Gas Advisory). Prior to sample collection, a shut-in test was conducted in accordance with Section 4.2.1 of the Soil Gas Advisory to test the sampling chain seal. Purging was conducted using 6-liter Summa canisters fitted with low-flow valves in accordance with Section 4.2.3 of the Soil Gas Advisory. The soil vapor samples were collected into laboratory-batch-certified 1-liter Summa canisters fitted with low-flow valves. During sample collection, 1,1-difluoroethane was used as a tracer compound, which was applied to rags and set at each sample fitting. Following sampling, the vapor pins were removed, and the building foundation was patched with concrete.

4.1.6 Soil Vapor Probe Installation and Sampling

Farallon installed eight temporary soil vapor probes at locations FSG-19 through FSG-26 (Figure 2). Soil gas probe installation was performed in accordance with the *Advisory: Active Soil Gas Investigations* dated July 2015, prepared by the California Environmental Protection Agency et al. (Soil Gas Advisory). The probes consisted of an Airstone microporous vapor implant connected to 0.25-inch-outside-diameter Nylaflow tubing, finished at the surface with temporary plugs. The annulus around the vapor implant was backfilled with approximately 0.5 foot of screen-washed No. 3 sand, followed by 6 inches of hydrated granular bentonite to create a seal from the top of the sand to near surface.

Soil gas samples were collected in accordance with the Soil Gas Advisory. Prior to sample collection, a shut-in test was conducted in accordance with Section 4.2.1 of the Soil Gas Advisory to test the sampling chain seal. Purging was conducted using 6-liter Summa canisters fitted with



low-flow valves in accordance with Section 4.2.3 of the Soil Gas Advisory. The soil vapor samples were collected into laboratory-batch-certified 1-liter Summa canisters fitted with low-flow valves. During sample collection, 1,1-difluoroethane was used as a tracer compound, which was applied to rags and set at each sample fitting. Following sampling, the temporary soil vapor probe materials were removed, and the borings were backfilled with neat cement and hydrated bentonite.

4.1.7 Temporary Groundwater Monitoring Well Installation and Reconnaissance Groundwater Sampling

Farallon converted sixteen of the borings (F-1, F-4, F-6 through F-10, F-12, and F-19 through F-26) into temporary monitoring wells for collection of reconnaissance groundwater samples. Insufficient groundwater recharge for sample collection was encountered at boring F-20. Once the boring encountered groundwater, 1-inch perforated pipe was placed to the bottom of the borehole and the annulus around the pipe was backfilled with No. 3 sand. A peristaltic pump was then used to purge and sample groundwater from the temporary well. Samples were collected into laboratory-supplied containers, labeled, placed on ice, and transported to the analytical laboratory under standard chain-of-custody protocols. Following completion of sampling, the temporary well materials were removed, and the borings were backfilled with neat cement and hydrated bentonite, with the exception of the borings that were converted into soil vapor probes. The borings that were converted into soil vapor probes were backfilled with neat cement grout to a depth of up to 5.5 feet bgs and completed as described in Section 4.1.6.

4.2 SUMMARY OF ANALYTICAL RESULTS

Analytical results from the Phase II ESA are summarized in Tables 2 through 9. Analytical results were compared to San Francisco Bay Regional Water Quality Control Board (2019) Environmental Screening Levels (ESLs) dated 2019. ESLs are conservative regulatory screening guidelines for determining whether further evaluation is warranted, and are not considered specific regulatory cleanup criteria. The ESLs used in the comparison are shown in Tables 2 through 9. Tier 1 ESLs consist of the most-conservative of all scenarios, and apply to unrestricted land use. Given the Site's current and anticipated future commercial/industrial use, commercial/industrial ESLs rather than Tier 1 ESLs are the appropriate screening criteria for the Site. Tier 1 ESLs are noted in the summary tables for comparison purposes, and are discussed below. Laboratory analytical reports are provided in Appendix C.

4.2.1 Analytical Results for Soil

Soil analytical results from the Phase II ESA are presented in Tables 2 through 5. Soil analytical results are summarized below by laboratory methodology:

- Total petroleum hydrocarbons, primarily as oil-range hydrocarbons, were detected at concentrations exceeding the laboratory reporting limit in the majority of soil samples analyzed, but at concentration less than Tier 1 ESLs.
- VOCs were not detected at concentrations exceeding the laboratory reporting limits.



- The polycyclic aromatic hydrocarbons (PAHs) fluoranthene and pyrene were detected at concentrations exceeding the laboratory reporting limit but less than Tier 1 ESLs in one or more soil samples.
- Lead was detected at concentrations exceeding the Tier 1 ESL but less than the commercial ESL in three soil samples.
- Nickel was detected at concentrations exceeding the Tier 1 ESL but less than the commercial ESL in two soil samples.
- Vanadium was detected at concentrations exceeding the Tier 1 ESL but less than the commercial ESL in all soil samples. Vanadium is known to occur naturally in California soils at concentrations exceeding the Tier 1 ESL.

4.2.2 Analytical Results for Groundwater

Groundwater analytical results from the Phase II ESA are presented in Tables 6 through 8. Groundwater analytical results are summarized below by laboratory methodology:

- Total petroleum hydrocarbons as oil-range organics were detected at a concentration of 1,900 micrograms per liter in the reconnaissance groundwater sample collected from boring F-8, installed proximate to the former waste-oil UST. No ESLs have been established for oil-range organics in groundwater.
- VOCs were not detected at a concentration exceeding the laboratory reporting limits in groundwater samples, with the exception of bromomethane detected in samples collected from borings F-21 through F-23 and F-25 and methyl tertiary-butyl ether (MTBE) detected in samples collected from borings F-8 through F-10 and F-12. Bromomethane and MTBE were detected at concentrations less than the Tier 1 ESLs. MTBE is a known COC associated with the east-adjacent Golden Gate Petroleum releases.
- The PAHs acenaphthene, fluoranthene, and pyrene were detected at concentrations exceeding the laboratory reporting limits but less than Tier 1 ESLs in the reconnaissance groundwater sample collected from borings F-6 and/or F-12.

4.2.3 Analytical Results for Soil Gas

Soil gas analytical results from the Phase II ESA are presented in Table 9. As shown in the table, several compounds were detected at concentrations exceeding laboratory reporting limits, which is not unusual for a site with a long history of industrial use. The following compounds were detected at concentrations exceeding Tier 1 ESLs:

- Benzene was detected at a concentration of 3.4 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in subslab soil gas sample FSS-11 and at concentrations of 4.7, 3.7, and 9.1 $\mu\text{g}/\text{m}^3$ in soil gas samples FSG-19-5.0 through FSG-22-5.0, respectively, at a depth of 5 feet bgs, which exceed the Tier 1 ESL of 3.2 $\mu\text{g}/\text{m}^3$ but are less than the commercial/industrial ESL of 14 $\mu\text{g}/\text{m}^3$. Benzene was detected at concentrations of 21, 25, and 32 $\mu\text{g}/\text{m}^3$ in the soil gas



samples FSG-23-5.0 through FSG-25-5.0, respectively, at 5 feet bgs, which exceed the Tier 1 ESL of $3.2 \mu\text{g}/\text{m}^3$ and the commercial/industrial ESL of $14 \mu\text{g}/\text{m}^3$.

- Bromodichloromethane was detected at a concentration of $2.6 \mu\text{g}/\text{m}^3$ in subslab soil gas sample FSS-13, which slightly exceeds the Tier 1 ESL of $2.5 \mu\text{g}/\text{m}^3$ but is less than the commercial/industrial ESL of $11 \mu\text{g}/\text{m}^3$.
- Chloroform was detected at concentrations of 9.3 , 6.2 , and $8.3 \mu\text{g}/\text{m}^3$ in soil gas samples FSG-19-5.0, FSG-20-5.0, and FSG-26-5.0, respectively, at 5 feet bgs, which exceed the Tier 1 ESL of $4.1 \mu\text{g}/\text{m}^3$ but are less than the commercial/industrial ESL of $18 \mu\text{g}/\text{m}^3$. Chloroform was detected at concentrations of 37 and $50 \mu\text{g}/\text{m}^3$ in subslab soil gas samples FSS-13 and FSS-16, respectively, and at 55 and $69 \mu\text{g}/\text{m}^3$ in soil gas samples FSG-21-5.0 and FSG-25-5.0, respectively, at 5 feet bgs, which exceed the Tier 1 ESL of $4.1 \mu\text{g}/\text{m}^3$ and the commercial/industrial ESL of $18 \mu\text{g}/\text{m}^3$. Chloroform is a common by-product of chlorinated drinking water and is commonly found proximate to sanitary sewer lines or areas where drinking water is discharged.
- Ethylbenzene was detected at concentrations of $40 \mu\text{g}/\text{m}^3$ in subslab soil gas sample FSS-14 and at $120 \mu\text{g}/\text{m}^3$ in soil gas sample FSG-25-5.0, at 5 feet bgs, which exceed the Tier 1 ESL of $37 \mu\text{g}/\text{m}^3$ but are less than the commercial/industrial ESL of $160 \mu\text{g}/\text{m}^3$.
- Gasoline-range organics were detected at concentrations exceeding the Tier 1 ESL in subslab soil gas samples FSS-4, FSS-13, FSS-14, and FSS-16. The maximum concentration of gasoline-range organics of $11,000 \mu\text{g}/\text{m}^3$ exceeds the Tier 1 ESL of $3,300 \mu\text{g}/\text{m}^3$ but is less than the commercial/industrial ESL of $83,000 \mu\text{g}/\text{m}^3$.
- Naphthalene was detected at concentrations exceeding the Tier 1 ESL in soil gas samples FSG-22-5.0, FSG-24-5.0, and FSG-25-5.0 at a depth of 5 feet bgs. The maximum concentration of naphthalene of $6.5 \mu\text{g}/\text{m}^3$ exceeds the Tier 1 ESL of $2.8 \mu\text{g}/\text{m}^3$ but is less than the commercial/industrial ESL of $12 \mu\text{g}/\text{m}^3$.
- Tetrachloroethene (PCE) was detected at concentrations of $27 \mu\text{g}/\text{m}^3$ in subslab soil gas sample FSS-4 and at $35 \mu\text{g}/\text{m}^3$ in soil gas sample FSG-26-5.0 at 5 feet bgs, which exceed the Tier 1 ESL of $15 \mu\text{g}/\text{m}^3$ but are less than the commercial/industrial ESL of $67 \mu\text{g}/\text{m}^3$. PCE was detected at concentrations of 760 and $2,200 \mu\text{g}/\text{m}^3$ in subslab soil gas samples FSS-17 and FSS-18, which exceed the Tier 1 ESL of $15 \mu\text{g}/\text{m}^3$ and the commercial/industrial ESL of $67 \mu\text{g}/\text{m}^3$.
- Trichloroethene (TCE) was detected at a concentration of $120 \mu\text{g}/\text{m}^3$ in subslab soil gas sample FSS-18, which exceeds the Tier 1 ESL of $16 \mu\text{g}/\text{m}^3$ and the commercial/industrial ESL of $100 \mu\text{g}/\text{m}^3$.
- Vinyl chloride was detected at a concentration of $0.49 \mu\text{g}/\text{m}^3$ in soil gas sample FSG-24-5.0 at a depth of 5 feet bgs, which slightly exceeds the Tier 1 ESL of $0.32 \mu\text{g}/\text{m}^3$ but is less than the commercial/industrial ESL of $5.2 \mu\text{g}/\text{m}^3$.



5.0 CONCLUSIONS AND RECOMMENDATIONS

Farallon conducted a Phase II ESA at the Site on August 30 and 31; September 17; and October 12, 13, and 15, 2021, to investigate recognized environmental conditions identified in the 2021 Phase I Report. Evidence of releases to Site subsurface media from historical Site use and from the east-adjacent Golden Gate Petroleum property was identified. However, with the exception of impacts to soil gas, the magnitude of the impact does not appear to adversely affect continued commercial/industrial use of the Site, and the relative absence of impact to groundwater suggests that releases are isolated to the Site. Additional conclusions are provided below:

- The detection of oil-range organics in groundwater collected from boring F-8, located proximate to the former location of Tank 6, suggests that impact from the UST remains in the area. However, it is not practicable to remove under current Site development. Tank 6 is part of the cleanup action currently being performed by Golden Gate Petroleum; any required action would fall to the responsible party.
- The detection of gasoline-range organics, benzene, and other petroleum VOCs in soil gas beneath various locations across the Site is suspected to be related to releases at the adjacent Golden Gate Petroleum property. Gasoline-range organics are a minor COC for current and historical Site use, but a major COC for the adjacent Golden Gate Petroleum property, further supporting the off-Site origin of gasoline-range organics in soil gas.
- Evidence of a release warranting further action from the oil-water separator (clarifier) in the central portion of the 1571 Building was not identified or detected.
- The detections of PCE and TCE in subslab soil gas samples beneath the 1581 Building suggest that a release has occurred at the Site, which should be further investigated and evaluated to determine if remedial actions are warranted.

Farallon recommends preparing a Media Management Plan to govern future earthwork activities, and to manage the residual impact identified. Limited soil-removal actions proximate to the former location of Tank 6 may be warranted if the Site is redeveloped in the future. The presence of PCE beneath the 1581 Building warrants further evaluation and potentially remedial action, if needed, to protect current and future Site occupants.



6.0 REFERENCES

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San Francisco Bay Regional Water Quality Control Board. 2019. Environmental Screening Levels, Rev. 2. July.



7.0 LIMITATIONS

7.1 GENERAL LIMITATIONS

The conclusions contained in this report/assessment are based on professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location. If sampling data indicate that releases have occurred in relation to this investigation, it is the responsibility of the owner to determine if a report should be made to regulatory authorities. The conclusions contained herein are subject to the following inherent limitations:

- **Accuracy of Information.** Farallon obtained, reviewed, and evaluated certain information used in this report/assessment from sources that were believed to be reliable. Farallon's conclusions, opinions, and recommendations are based in part on such information. Farallon's services did not include verification of its accuracy or authenticity. Should the information upon which Farallon relied prove to be inaccurate or unreliable, Farallon reserves the right to amend or revise its conclusions, opinions, and/or recommendations.
- **Reconnaissance and/or Characterization.** Farallon performed a reconnaissance and/or characterization of the Site that is the subject of this report/assessment to document current conditions. Farallon focused on areas deemed more likely to exhibit hazardous materials conditions. Contamination may exist in other areas of the Site that were not investigated or were inaccessible. Site activities beyond Farallon's control could change at any time after the completion of this report/assessment.

For the foregoing reasons, Farallon cannot and does not warrant or guarantee that the Site is free of hazardous or potentially hazardous substances or conditions, or that latent or undiscovered conditions will not become evident in the future. Farallon's observations, findings, and opinions can be considered valid only as of the date of the report.

This report/assessment has been prepared in accordance with the contract for services between Farallon and CenterPoint Properties Trust and currently accepted industry standards. No other warranties, representations, or certifications are made.

7.2 LIMITATION ON RELIANCE BY THIRD PARTIES

Reliance by third parties is prohibited. This report/assessment has been prepared for the exclusive use of CenterPoint to address the unique needs of CenterPoint. at the Site at a specific point in time.

This is not a general grant of reliance. No one other than CenterPoint may rely on this report unless Farallon agrees in advance to such reliance in writing. Any unauthorized use, interpretation, or reliance on this report/assessment is at the sole risk of that party and Farallon will have no liability for such unauthorized use, interpretation, or reliance.

FIGURES

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT 1571, 1581, and 1593 Industrial Parkway West Hayward, California

Farallon PN: 1353-062



LEGEND

- BORING
- ⊕ MONITORING WELL
- ABOVEGROUND HYDRAULIC LIFT
- ⬡ OIL/WATER SEPARATOR
- ⊠ STORM WATER DRAIN
- SITE BOUNDARY

PVC = POLYVINYL CHLORIDE
UST = UNDERGROUND STORAGE TANK

NOTES:

1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.



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Washington
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FIGURE 2 SITE PLAN 1571, 1581, AND 1593 INDUSTRIAL PARKWAY WEST HAYWARD, CALIFORNIA

FARALLON PN: 1353-062

Drawn By: jones

Checked By: PS

Date: 10/20/2021

Disc Reference:

Path: Q:\Projects\1353 CenterPoint\062 Indust Pkwy W\Mapfiles\002 Phase II\Figure-02 SitePlan.mxd

TABLES

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT 1571, 1581, and 1593 Industrial Parkway West Hayward, California

Farallon PN: 1353-062

Table 1
Sampling and Analysis Plan
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Objective	Sample Matrix	Sample Depth ¹	Laboratory Analyses					
				GRO ²	DRO ³	ORO ³	VOCs ⁴	PAHs ⁵	Title 22 Metals ⁶
F-1 / FSS-1	3, 4	Soil	5	X	X	X	X	X	X
		Soil Gas	0.5	X	---	---	X	---	---
		Groundwater	15	X	X	X	X	X	---
F-2	3, 4	Soil	5	X	X	X	X	X	X
F-3	3, 4	Soil	4	X	X	X	X	X	X
F-4 / FSS-4	3	Soil	5	X	X	X	X	X	X
		Soil Gas	0.5	X	---	---	X	---	---
		Groundwater	15	X	X	X	X	X	---
F-5	3, 4, 6	Soil	5	X	X	X	X	X	X
F-6	2, 3	Soil	5	X	X	X	X	X	X
		Groundwater	15	X	X	X	X	X	---
F-7 / FSS-7	2, 3, 4	Soil	5	X	X	X	X	X	X
		Soil Gas	0.5	X	---	---	X	---	---
		Groundwater	15	X	X	X	X	X	---
F-8	2, 3, 4	Soil	7	X	X	X	X	X	X
		Groundwater	15	X	X	X	X	X	---
F-9	3	Soil	5	X	X	X	X	X	X
		Groundwater	15	X	X	X	X	X	---
F-10	2, 3, 4	Soil	5	X	X	X	X	X	X
		Groundwater	15	X	X	X	X	X	---
F-11 / FSS-11	1, 3, 4	Soil	5	X	X	X	X	X	X
		Soil Gas	0.5	X	---	---	X	---	---
F-12	1, 3	Soil	5	X	X	X	X	X	X
		Groundwater	15	X	X	X	X	X	---
F-13 / FSS-13	3, 4, 5	Soil	5	X	X	X	X	X	X
		Soil Gas	0.5	X	---	---	X	---	---
F-14 / FSS-14	3, 5	Soil	5	X	X	X	X	X	X
		Soil Gas	0.5	X	---	---	X	---	---
F-15	3, 4	Soil	3	X	X	X	X	X	X
FSS-16	3	Soil Gas	0.5	X	---	---	X	---	---
FSS-17	3	Soil Gas	0.5	X	---	---	X	---	---
FSS-18	3	Soil Gas	0.5	X	---	---	X	---	---
F-19 / FSG-19	3	Soil Gas	5.0	---	---	---	X	---	---
		Groundwater	15	---	---	---	X	---	---
F-20 / FSG-20	3	Soil Gas	5.0	---	---	---	X	---	---
F-21 / FSG-21	3	Soil Gas	5.0	---	---	---	X	---	---
		Groundwater	18	---	---	---	X	---	---
F-22 / FSG-22	3	Soil Gas	5.0	---	---	---	X	---	---
		Groundwater	18	---	---	---	X	---	---
F-23 / FSG-23	3	Soil Gas	5.0	---	---	---	X	---	---
		Groundwater	18	---	---	---	X	---	---

Table 1
Sampling and Analysis Plan
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Objective	Sample Matrix	Sample Depth ¹	Laboratory Analyses					
				GRO ²	DRO ³	ORO ³	VOCs ⁴	PAHs ⁵	Title 22 Metals ⁶
F-24 / FSG-24	3	Soil Gas	5.0	---	---	---	X	---	---
		Groundwater	19	---	---	---	X	---	---
F-25 / FSG-25	3	Soil Gas	5.0	---	---	---	X	---	---
		Groundwater	17	---	---	---	X	---	---
F-26 / FSG-26	3	Soil Gas	5.0	---	---	---	X	---	---
		Groundwater	21	---	---	---	X	---	---

NOTES:

X denotes sample collected for analysis.

--- denotes sample not collected for analysis.

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency (EPA) Method 8260B.

³Analyzed by EPA Method 8015.

⁴Analyzed by EPA Method 8260B or TO-15.

⁵Analyzed by EPA Method 8270D.

⁶Analyzed by EPA Methods 6000/7000 Series.

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

Objective = see Phase II ESA Report text for definitions

ORO = TPH as oil-range organics

PAHs = polycyclic aromatic hydrocarbons

VOCs = volatile organic compounds

Table 2
Soil Analytical Results for Total Petroleum Hydrocarbons and BTEX
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Date	Analytical Results (milligrams per kilogram)						
				TPHg ²	TPHd ³	TPHmo ³	Benzene ²	Toluene ²	Ethylbenzene ²	Xylenes ²
F-1	F-1-5.0	5.0	8/31/2021	< 0.25	4.3	36	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-2	F-2-5.0	5.0	8/31/2021	< 0.25	43	260	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-3	F-3-4.0	4.0	8/31/2021	< 0.25	< 2.0	< 10	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-4	F-4-5.0	5.0	8/31/2021	< 0.25	< 2.0	< 10	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-5	F-5-5.0	5.0	8/31/2021	< 0.25	28	440	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-6	F-6-5.0	5.0	8/31/2021	< 0.25	< 2.0	22	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-7	F-7-5.0	5.0	8/31/2021	< 0.25	2.2	51	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-8	F-8-7.0	7.0	8/30/2021	1.1	7.4	25	< 0.0050	< 0.0050	0.0085	< 0.0050
F-9	F-9-5.0	5.0	8/31/2021	< 0.25	< 2.0	15	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-10	F-10-5.0	5.0	8/31/2021	< 0.25	< 2.0	< 10	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-11	F-11-5.0	5.0	8/30/2021	2.6	7.4	110	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-12	F-12-5.0	5.0	8/30/2021	< 0.25	12	93	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-13	F-13-5.0	5.0	8/30/2021	< 0.25	4.5	200	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-14	F-14-5.0	5.0	8/30/2021	< 0.25	4.5	120	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-15	F-15-3.0	3.0	8/31/2021	0.90	42	1,100	< 0.0050	< 0.0050	< 0.0050	< 0.0050
San Francisco Bay RWQCB Tier 1 ESLs for Soil ⁴				100	260	1,600	0.025	3.2	0.43	2.1
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure ⁵				2,000	1,200	180,000	1.4	5,300	26	2,500
San Francisco Bay RWQCB ESLs Construction Worker Soil Exposure ⁵				1,100	54,000	54,000	33	4,700	540	2,400

NOTES:

Green highlight denotes a concentration exceeding the laboratory reporting limit.
 < denotes analyte not detected at or exceeding the laboratory reporting limit listed.

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency (EPA) Method 8260B.

³Analyzed by EPA Method 8015B.

⁴San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for soil, dated 2019 (Rev. 2).

⁵San Francisco Bay RWQCB Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

BTEX = benzene, toluene, ethylbenzene and xylenes

TPHd = total petroleum hydrocarbons (TPH) as diesel-range organics

TPHg = TPH as gasoline-range organics

TPHmo = TPH as oil-range organics

Table 3
Soil Analytical Results for Volatile Organic Compounds
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Date	Analytical Results (milligrams per kilogram) ²										
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (Methyl Ethyl Ketone)	2-Hexanone	4-Methyl-2-Pentanone	Acetone	Bromodichloromethane	Carbon Disulfide	Chloroform	cis-1,2-Dichloroethene	Methyl Tertiary Butyl Ether
F-1	F-1-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-2	F-2-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-3	F-3-4.0	4.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-4	F-4-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-5	F-5-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-6	F-6-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-7	F-7-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-8	F-8-7.0	7.0	8/30/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-9	F-9-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-10	F-10-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-11	F-11-5.0	5.0	8/30/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-12	F-12-5.0	5.0	8/30/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	0.49	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-13	F-13-5.0	5.0	8/30/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-14	F-14-5.0	5.0	8/30/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
F-15	F-15-3.0	3.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
San Francisco Bay RWQCB Tier 1 ESLs for Soil ³				NE	NE	6.1	NE	0.36	0.92	0.016	NE	0.023	0.19	0.028
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure ⁴				NE	NE	200,000	NE	140,000	670,000	1.3	NE	1.4	85	210
San Francisco Bay RWQCB ESLs Construction Worker Soil Exposure ⁴				NE	NE	120,000	NE	140,000	270,000	28	NE	34	78	4,100

NOTES:

Green highlight denotes a concentration exceeding the laboratory reporting limit.

< denotes analyte not detected at or exceeding the reporting limit listed.

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency Method 8260B. Only detected and select analytes shown in table; see laboratory report for full list of analytes.

³San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for soil, dated 2019 (Rev. 2).

⁴San Francisco Bay RWQCB Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

NE = not established

Table 3
Soil Analytical Results for Volatile Organic Compounds
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Date	Analytical Results (milligrams per kilogram) ²					
				Naphthalene	Styrene	tert-Butyl Alcohol	Tetrachloroethene	Trichloroethene	Vinyl Chloride
F-1	F-1-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-2	F-2-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-3	F-3-4.0	4.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-4	F-4-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-5	F-5-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-6	F-6-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-7	F-7-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-8	F-8-7.0	7.0	8/30/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-9	F-9-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-10	F-10-5.0	5.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-11	F-11-5.0	5.0	8/30/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-12	F-12-5.0	5.0	8/30/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-13	F-13-5.0	5.0	8/30/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-14	F-14-5.0	5.0	8/30/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
F-15	F-15-3.0	3.0	8/31/2021	< 0.0050	< 0.0050	< 0.050	< 0.0050	< 0.0050	< 0.00025
San Francisco Bay RWQCB Tier 1 ESLs for Soil ³				0.042	0.92	0.075	0.080	0.085	0.0015
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure ⁴				17	33,000	NE	2.7	6.1	0.15
San Francisco Bay RWQCB ESLs Construction Worker Soil Exposure ⁴				400	25,000	NE	33	130	3.4

NOTES:

Green highlight denotes a concentration exceeding the laboratory reporting limit.

< denotes analyte not detected at or exceeding the reporting limit listed.

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency Method 8260B. Only detected and select analytes shown in table; see laboratory report for full list of analytes.

³San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for soil, dated 2019 (Rev. 2).

⁴San Francisco Bay RWQCB Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

Table 4
Soil Analytical Results for PAHs
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Date	Analytical Results (milligrams per kilogram) ²																	
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Naphthalene	Phenanthrene	Pyrene
F-1	F-1-5.0	5.0	8/31/2021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.21	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	0.053	< 0.040	< 0.21	< 0.021	< 0.080	< 0.040
F-2	F-2-5.0	5.0	8/31/2021	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.10	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	0.037	< 0.020	< 0.10	< 0.010	< 0.040	< 0.020
F-3	F-3-4.0	4.0	8/31/2021	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.013	< 0.0013	< 0.0050	< 0.0025
F-4	F-4-5.0	5.0	8/31/2021	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.0044	< 0.0025	< 0.013	< 0.0013	< 0.0050	0.0025
F-5	F-5-5.0	5.0	8/31/2021	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 2.1	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 2.1	< 0.21	< 0.80	< 0.40
F-6	F-6-5.0	5.0	8/31/2021	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.10	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	0.027	< 0.020	< 0.10	< 0.010	< 0.040	< 0.020
F-7	F-7-5.0	5.0	8/31/2021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.21	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.21	< 0.021	< 0.080	< 0.040
F-8	F-8-7.0	7.0	8/30/2021	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.10	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	0.027	< 0.020	< 0.10	< 0.010	< 0.040	< 0.020
F-9	F-9-5.0	5.0	8/31/2021	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.10	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	0.033	< 0.020	< 0.10	< 0.010	< 0.040	< 0.020
F-10	F-10-5.0	5.0	8/31/2021	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.013	< 0.0013	< 0.0050	< 0.0025
F-11	F-11-5.0	5.0	8/30/2021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.21	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	0.054	< 0.040	< 0.21	< 0.021	< 0.080	< 0.040
F-12	F-12-5.0	5.0	8/30/2021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.21	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	0.056	< 0.040	< 0.21	< 0.021	< 0.080	< 0.040
F-13	F-13-5.0	5.0	8/30/2021	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 1.0	< 0.10	< 0.40	< 0.20
F-14	F-14-5.0	5.0	8/30/2021	< 0.052	< 0.052	< 0.052	< 0.052	< 0.052	< 0.52	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.13	< 0.10	< 0.52	< 0.052	< 0.20	< 0.10
F-15	F-15-3.0	3.0	8/31/2021	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 2.1	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 2.1	< 0.21	< 0.80	< 0.40
San Francisco Bay RWQCB Tier 1 ESLs for Soil ³				NE	0.88	12	6.4	1.9	0.63	0.11	1.1	2.5	2.8	2.2	0.11	0.69	6.0	0.48	0.042	7.8	45
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure ⁴				NE	3,000	45,000	NE	230,000	20	2.1	21	NE	210	2,100	2.1	30,000	30,000	21	17	NE	23,000
San Francisco Bay RWQCB ESLs Construction Worker Soil Exposure ⁴				NE	670	10,000	NE	50,000	110	10	110	NE	910	9,100	11	6,700	6,700	110	400	NE	5,000

NOTES:

Green highlight denotes a concentration exceeding the laboratory reporting limit.

< denotes analyte not detected at or exceeding the reporting limit listed.

NE = not established
PAHs = polycyclic aromatic hydrocarbons

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency Method 8270C/SIM.

³San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for soil,

⁴San Francisco Bay RWQCB Direct Exposure Human Health Risk Levels (Table S-1), dated 2019 (Rev. 2).

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Table 5
Soil Analytical Results for Metals
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Date	Analytical Results (milligrams per kilogram) ²																
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
F-1	F-1-5.0	5.0	8/31/2021	< 0.50	8.8	180	< 0.50	< 0.50	56	15	43	29	0.16	0.57	57	1.3	< 0.50	< 0.50	88	80
F-2	F-2-5.0	5.0	8/31/2021	< 0.50	3.9	170	< 0.50	0.56	41	8.9	19	34	0.044	< 0.50	36	1.6	< 0.50	< 0.50	38	57
F-3	F-3-4.0	4.0	8/31/2021	< 0.50	6.8	290	< 0.50	< 0.50	110	18	59	7.7	0.23	< 0.50	140	1.7	< 0.50	< 0.50	99	98
F-4	F-4-5.0	5.0	8/31/2021	< 0.50	4.5	210	< 0.50	< 0.50	120	18	62	15	0.26	< 0.50	140	1.6	< 0.50	< 0.50	100	69
F-5	F-5-5.0	5.0	8/31/2021	0.51	7.3	180	< 0.50	< 0.50	40	12	35	26	0.10	0.51	44	1.1	< 0.50	< 0.50	61	72
F-6	F-6-5.0	5.0	8/31/2021	< 0.50	7.5	190	0.53	< 0.50	44	15	60	15	0.15	< 0.50	42	1.6	< 0.50	< 0.50	95	77
F-7	F-7-5.0	5.0	8/31/2021	< 0.50	7.1	170	0.58	< 0.50	51	10	47	13	0.058	< 0.50	44	1.7	< 0.50	< 0.50	74	74
F-8	F-8-7.0	7.0	8/30/2021	< 0.50	5.0	170	< 0.50	< 0.50	45	8.6	32	14	0.029	< 0.50	38	1.5	< 0.50	< 0.50	39	50
F-9	F-9-5.0	5.0	8/31/2021	< 0.50	6.4	200	< 0.50	< 0.50	58	11	30	10	0.16	< 0.50	58	1.7	< 0.50	< 0.50	58	59
F-10	F-10-5.0	5.0	8/31/2021	0.71	9.7	150	0.54	< 0.50	39	10	30	14	0.090	0.58	40	1.9	< 0.50	< 0.50	50	77
F-11	F-11-5.0	5.0	8/30/2021	< 0.50	7.0	170	< 0.50	< 0.50	50	10	31	120	0.14	0.51	45	1.3	< 0.50	< 0.50	53	66
F-12	F-12-5.0	5.0	8/30/2021	< 0.50	8.7	180	< 0.50	< 0.50	56	12	36	15	0.090	< 0.50	54	1.9	< 0.50	< 0.50	72	63
F-13	F-13-5.0	5.0	8/30/2021	< 0.50	6.0	110	< 0.50	< 0.50	41	11	38	45	0.12	< 0.50	37	1.3	< 0.50	< 0.50	62	62
F-14	F-14-5.0	5.0	8/30/2021	< 0.50	7.2	180	< 0.50	< 0.50	50	13	40	26	0.17	< 0.50	55	1.4	< 0.50	< 0.50	72	87
F-15	F-15-3.0	3.0	8/31/2021	0.56	10	260	< 0.50	< 0.50	65	14	49	31	0.80	0.73	61	1.6	< 0.50	< 0.50	83	150
San Francisco Bay RWQCB Tier 1 ESLs for Soil ³				11	11 ⁴	390	5.0	1.9	160	23	180	32	13	6.9	86	2.4	25	0.78	18	340
San Francisco Bay RWQCB ESLs Commercial: Shallow Soil Exposure ⁵				160	0.31	220,000	230	1,100	NE	350	47,000	320	190	5,800	11,000	5,800	5,800	12	5,800	350,000
San Francisco Bay RWQCB ESLs Construction Worker Soil Exposure ⁵				50	0.98	3,000	27	51	NE	28	14,000	160	44	1,800	86	1,700	1,800	3.5	470	110,000

NOTES:

Green highlight denote a concentration exceeding the laboratory reporting limit.

NE = not established

Bold and highlighted green denote concentrations exceeding Tier 1 Environmental Screening Levels (ESLs).

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency Methods 6020/7471B.

³San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 ESLs for soil dated 2019 (Rev. 2).

⁴San Francisco Bay Area background arsenic concentration in soil. *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region* dated December 2011 prepared by Dylan Jacques Duverge: https://www.waterboards.ca.gov/sanfranciscobay/water_issues/available_documents/2011_Arsenic_Background_Duverge.pdf

⁵San Francisco Bay RWQCB Direct Exposure Human Health Risk Levels (Table S-1) dated 2019 (Rev. 2).

Table 6
Groundwater Analytical Results for Total Petroleum Hydrocarbons and BTEX
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter) ¹						
			TPHg ¹	TPHd ¹	TPHmo ^{2,3}	Benzene ²	Toluene ²	Ethylbenzene ²	Xylenes ²
F-1	8/31/2021	FGW-1	< 50	< 100	< 500	< 0.20	< 0.50	< 0.50	< 0.50
F-4	8/31/2021	FGW-4	< 50	< 100	< 500	< 0.20	< 0.50	< 0.50	< 0.50
F-6	8/31/2021	FGW-6	< 50	< 100	< 500	< 0.20	< 0.50	< 0.50	< 0.50
F-7	8/31/2021	FGW-7	< 50	< 100	< 500	< 0.20	< 0.50	< 0.50	< 0.50
F-8	8/30/2021	FGW-8	< 50	< 100	1,900	< 0.20	< 0.50	< 0.50	< 0.50
F-9	8/31/2021	FGW-9	< 50	< 100	< 500	< 0.20	< 0.50	< 0.50	< 0.50
F-10	8/31/2021	FGW-10	< 50	< 100	< 500	< 0.20	< 0.50	< 0.50	< 0.50
F-12	8/30/2021	FGW-12	< 50	< 100	< 500	< 0.20	< 0.50	< 0.50	< 0.50
F-19	10/13/2021	FGW-19	---	---	---	< 0.20	< 0.50	< 0.50	< 0.50
F-21	10/12/2021	FGW-21	---	---	---	< 0.20	< 0.50	< 0.50	< 0.50
F-22	10/13/2021	FGW-22	---	---	---	< 0.20	< 0.50	< 0.50	< 0.50
F-23	10/13/2021	FGW-23	---	---	---	< 0.20	< 0.50	< 0.50	< 0.50
F-24	10/12/2021	FGW-24	---	---	---	< 0.20	< 0.50	< 0.50	< 0.50
F-25	10/12/2021	FGW-25	---	---	---	< 0.20	< 0.50	< 0.50	< 0.50
F-26	10/13/2021	FGW-26	---	---	---	< 0.20	< 0.50	< 0.50	< 0.50
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater ⁴			100	100	NE	0.42	40	3.5	20
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial ⁵			NE	NE	NE	1.8	4,900	15	1,600

NOTES:

Green highlight denotes a concentration exceeding the laboratory reporting limit.

< denotes analyte not detected at or exceeding the reporting limit listed.

--- denotes sample not analyzed.

¹Analyzed by U.S. Environmental Protection Agency Method 8015B.

²Analyzed by U.S. Environmental Protection Agency Method 8260B.

³TPHmo is composed of long-chain compounds (C24-C36+) having negligible solubility. Detections in water samples typically are petroleum hydrocarbon oxidation products, nonaqueous-phase liquid (NAPL or free product), and/or contaminated sediment.

⁴San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater dated 2019 (Rev. 2).

⁵San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3) dated 2019 (Rev. 2).

BTEX = benzene, toluene, ethylbenzene, and xylenes

TPHd= total petroleum hydrocarbons (TPH) as diesel-range organics

TPHg = TPH as gasoline-range organics

TPHmo = TPH as oil-range organics

Table 7
Groundwater Analytical Results for Volatile Organic Compounds
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter) ¹										
			1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (Methyl Ethyl Ketone)	2-Hexanone	4-Methyl-2-Pentanone	Acetone	Bromodichloromethane	Bromomethane	Carbon Disulfide	Chloroform	cis-1,2-Dichloroethene
F-1	8/31/2021	FGW-1	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	< 0.50	< 0.50	< 0.10	< 0.50
F-4	8/31/2021	FGW-4	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	< 0.50	< 0.50	< 0.10	< 0.50
F-6	8/31/2021	FGW-6	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	< 0.50	< 0.50	< 0.10	< 0.50
F-7	8/31/2021	FGW-7	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	< 0.50	< 0.50	< 0.10	< 0.50
F-8	8/30/2021	FGW-8	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	< 0.50	< 0.50	< 0.10	< 0.50
F-9	8/31/2021	FGW-9	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	< 0.50	< 0.50	< 0.10	< 0.50
F-10	8/31/2021	FGW-10	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	< 0.50	< 0.50	< 0.10	< 0.50
F-12	8/30/2021	FGW-12	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	< 0.50	< 0.50	< 0.10	< 0.50
F-19	10/13/2021	FGW-19	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	< 0.50	< 0.50	< 0.10	< 0.50
F-21	10/12/2021	FGW-21	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	0.98	< 0.50	< 0.10	< 0.50
F-22	10/13/2021	FGW-22	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	0.97	< 0.50	< 0.10	< 0.50
F-23	10/13/2021	FGW-23	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	1.1	< 0.50	< 0.10	< 0.50
F-24	10/12/2021	FGW-24	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	< 0.50	< 0.50	< 0.10	< 0.50
F-25	10/12/2021	FGW-25	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	1.2	< 0.50	< 0.10	< 0.50
F-26	10/13/2021	FGW-26	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 40	< 0.050	< 0.50	< 0.50	< 0.10	< 0.50
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater ²			NE	NE	5,600	NE	120	1,500	0.87	7.5	NE	0.81	6.0
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial ³			NE	NE	9,500,000	NE	2,300,000	97,000,000	3.8	73	NE	3.6	210

NOTES:

Green highlight denotes a concentration exceeding the laboratory reporting limit.

< denotes analyte not detected at or exceeding the reporting limit listed.

NE = not established

¹Analyzed by U.S. Environmental Protection Agency Method 8260B. Only detected and select analytes shown in table; see laboratory report for full list of analytes.

²San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater dated 2019 (Rev. 2).

³San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3) dated 2019 (Rev. 2).

Table 7
Groundwater Analytical Results for Volatile Organic Compounds
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter) ¹						
			Methyl Tertiary-Butyl Ether	Naphthalene	Styrene	tert-Butyl Alcohol	Tetrachloroethene	Trichloroethene	Vinyl Chloride
F-1	8/31/2021	FGW-1	< 0.50	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-4	8/31/2021	FGW-4	< 0.50	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-6	8/31/2021	FGW-6	< 0.50	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-7	8/31/2021	FGW-7	< 0.50	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-8	8/30/2021	FGW-8	0.71	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-9	8/31/2021	FGW-9	1.7	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-10	8/31/2021	FGW-10	1.3	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-12	8/30/2021	FGW-12	0.56	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-19	10/13/2021	FGW-19	< 0.50	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-21	10/12/2021	FGW-21	< 0.50	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-22	10/13/2021	FGW-22	< 0.50	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-23	10/13/2021	FGW-23	< 0.50	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-24	10/12/2021	FGW-24	< 0.50	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-25	10/12/2021	FGW-25	< 0.50	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
F-26	10/13/2021	FGW-26	< 0.50	< 0.30	< 2.0	< 5.0	< 0.20	< 0.50	< 0.0050
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater ²			5.0	0.17	10	12	0.64	1.2	0.0086
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial ³			2,000	20	36,000	NE	2.8	7.5	0.14

NOTES:
Green highlight denotes a concentration exceeding the laboratory reporting limit.
< denotes analyte not detected at or exceeding the reporting limit listed.
NE = not established

¹Analyzed by U.S. Environmental Protection Agency Method 8260B. Only detected and select analytes shown in table; see laboratory report for full list of analytes.
²San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater dated 2019 (Rev. 2).
³San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3) dated 2019 (Rev. 2).

Table 8
Groundwater Analytical Results for PAHs
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter) ¹																	
			1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Naphthalene	Phenanthrene	Pyrene
F-1	8/31/2021	FGW-1	< 0.0053	< 0.011	< 0.0053	< 0.0053	< 0.011	< 0.053	< 0.0053	< 0.021	< 0.021	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.021	< 0.053	< 0.021	< 0.011
F-4	8/31/2021	FGW-4	< 0.0097	< 0.019	< 0.0097	< 0.0097	< 0.019	< 0.097	< 0.0097	< 0.039	< 0.039	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.039	< 0.097	< 0.039	< 0.019
F-6	8/31/2021	FGW-6	< 0.011	< 0.023	< 0.011	< 0.011	< 0.023	< 0.11	< 0.011	< 0.046	< 0.046	< 0.023	< 0.023	< 0.023	0.045	< 0.023	< 0.046	< 0.11	< 0.046	0.025
F-7	8/31/2021	FGW-7	< 0.011	< 0.022	< 0.011	< 0.011	< 0.022	< 0.11	< 0.011	< 0.043	< 0.043	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.043	< 0.11	< 0.043	< 0.022
F-8	8/30/2021	FGW-8	< 0.011	< 0.021	< 0.011	< 0.011	< 0.021	< 0.11	< 0.011	< 0.043	< 0.043	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.043	< 0.11	< 0.043	< 0.021
F-9	8/31/2021	FGW-9	< 0.010	< 0.020	< 0.010	< 0.010	< 0.020	< 0.10	< 0.010	< 0.040	< 0.040	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.040	< 0.10	< 0.040	< 0.020
F-10	8/31/2021	FGW-10	< 0.010	< 0.020	< 0.010	< 0.010	< 0.020	< 0.10	< 0.010	< 0.040	< 0.040	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.040	< 0.10	< 0.040	< 0.020
F-12	8/30/2021	FGW-12	< 0.0097	< 0.019	0.011	< 0.0097	< 0.019	< 0.097	< 0.0097	< 0.039	< 0.039	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.039	< 0.097	< 0.039	< 0.019
San Francisco Bay RWQCB Tier 1 ESLs for Groundwater ²			NE	2.1	15	15	0.73	0.017	0.014	0.049	0.10	0.049	0.049	0.025	8.0	3.9	0.049	0.17	4.6	2.0
San Francisco Bay RWQCB ESLs Vapor Intrusion Human Health Risk Levels: Commercial/Industrial ³			NE	NE	NE	NE	NE	230	NE	NE	NE	NE	NE	NE	NE	NE	NE	20	NE	NE

NOTES:
Green highlight denotes a concentration exceeding the laboratory reporting limit.
< denotes analyte not detected at or exceeding the reporting limit listed.
¹Analyzed by U.S. Environmental Protection Agency Method 8270C.
²San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for groundwater dated 2019 (Rev. 2).
³San Francisco Bay RWQCB Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3) dated 2019 (Rev. 2).
PAHs = polycyclic aromatic hydrocarbons

Table 9
Soil Gas Analytical Results for Detected Volatile Organic Compounds
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Sample Identification	Sample Date	Analytical Results (micrograms per cubic meter) ¹																			
			1,1-Difluoroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	2-Hexanone	4-Ethyltoluene	4-Methyl-2-Pentanone	Acetone	Acrolein	Acrylonitrile	Benzene	Bromodichloromethane	Carbon Disulfide	Chloroform	cis-1,2-Dichloroethene	Cyclohexane	Ethanol	Ethyl Acetate	Ethylbenzene	Gasoline Range Organics
FSS-1	FSS-1	8/31/2021	100	3.1	< 2.5	<15	< 2.1	< 2.5	< 2.1	66	< 5.8	<1.1	< 1.6	< 1.4	< 1.6	< 2.5	< 2.0	< 18	< 95	< 1.9	2.2	< 720
FSS-4	FSS-4	8/31/2021	1,500	< 5.0	< 5.0	<30	< 4.2	< 5.0	< 4.2	470	< 12	<2.2	< 3.2	< 2.8	< 3.2	< 5.0	< 4.0	< 36	190	< 3.8	< 4.4	4,100
FSS-7	FSS-7	8/31/2021	470	< 25	< 25	<150	< 21	< 25	< 21	890	< 58	<11	< 16	< 14	< 16	< 25	< 20	< 180	< 950	< 19	< 22	< 7,200
FSS-11	FSS-11	8/31/2021	74,000	< 5.0	< 5.0	<30	8.5	< 5.0	< 4.2	130	< 12	<2.2	3.4	< 2.8	< 3.2	< 5.0	< 4.0	< 36	640	3.8	< 4.4	2,700
FSS-13	FSS-13	8/31/2021	1,400	5.8	< 2.5	<15	< 2.1	< 2.5	< 2.1	< 60	< 5.8	<1.1	< 1.6	2.6	< 1.6	37	< 2.0	< 18	140	3.2	3.7	11,000
FSS-14	FSS-14	8/31/2021	< 280	< 25	< 25	<150	< 21	< 25	110	4,500	< 58	<11	< 16	< 14	18	< 25	< 20	< 180	< 950	< 19	40	11,000
FSS-16	FSS-16	9/17/2021	< 28	< 2.5	< 2.5	< 15	< 2.1	< 2.5	< 2.1	140	< 5.8	4.6	2.0	< 1.4	< 1.6	50	< 2.0	< 18	170	4.0	< 2.2	4,700
FSS-17	FSS-17	9/17/2021	< 110	< 10	< 10	72	25	< 10	22	810	< 23	< 4.4	< 6.4	< 5.6	< 6.4	< 10	< 8.0	< 72	< 380	< 7.6	< 8.8	< 2,900
FSS-18	FSS-18	9/17/2021	< 110	< 10	< 10	< 60	< 8.4	< 10	< 8.4	1,200	< 23	< 4.4	< 6.4	< 5.6	< 6.4	< 10	< 8.0	< 72	400	< 7.6	< 8.8	3,000
F-19	FSG-19-5.0	10/15/2021	< 28	29	14	17	< 2.1	6.9	8.3	< 60	< 5.8	< 1.1	4.7	< 1.4	7.0	9.3	< 2.0	< 18	< 95	< 1.9	12	---
F-20	FSG-20-5.0	10/15/2021	< 28	41	20	< 15	< 2.1	13	9.1	< 60	< 5.8	< 1.1	3.7	< 1.4	6.6	6.2	< 2.0	< 18	< 95	< 1.9	22	---
F-21	FSG-21-5.0	10/15/2021	< 28	68	31	32	3.5	16	16	100	< 5.8	< 1.1	9.1	< 1.4	80	55	< 2.0	33	< 95	< 1.9	28	---
F-22	FSG-22-5.0	10/15/2021	1,200	40	15	25	< 2.1	8.0	13	72	< 5.8	< 1.1	5.1	< 1.4	75	< 2.5	< 2.0	99	< 95	< 1.9	13	---
F-23	FSG-23-5.0	10/15/2021	< 56	56	23	35	< 4.2	12	14	< 120	< 12	3.5	21	< 2.8	72	< 5.0	< 4.0	< 36	< 190	< 3.8	20	---
F-24	FSG-24-5.0	10/15/2021	< 28	52	19	58	< 2.1	11	23	140	24	< 1.1	25	< 1.4	68	< 2.5	9.2	110	< 95	< 1.9	13	---
F-25	FSG-25-5.0	10/15/2021	520	300	160	62	< 2.1	85	55	150	< 5.8	1.6	32	< 1.4	350	69	< 2.0	< 18	< 95	< 1.9	120	---
F-26	FSG-26-5.0	10/15/2021	< 28	44	20	< 15	< 2.1	9.4	4.0	< 60	< 5.8	< 1.1	2.3	< 1.4	2.7	8.3	< 2.0	< 18	< 95	< 1.9	13	---
San Francisco Bay RWQCB Tier 1 ESLs for Subslab/Soil Gas ²			NE	NE	NE	170,000	NE	NE	14,000	1,000,000	NE	NE	3.2	2.5	NE	4.1	280	NE	NE	NE	37	3,300
San Francisco Bay RWQCB ESLs for Subslab/Soil Gas - Commercial/Industrial ³			NE	NE	NE	730,000	NE	NE	440,000	4,500,000	NE	NE	14	11	NE	18	1,200	NE	NE	NE	160	83,000

NOTES:
Green highlight denotes a concentration exceeding the laboratory reporting limit.
Bold and highlighted **green** denote concentrations exceeding Tier 1 Environmental Screening Levels (ESLs).

Bold and highlighted **yellow** denote concentrations exceeding Commercial/Industrial ESLs.

< denotes analyte not detected at or exceeding the reporting limit listed.
--- denotes sample not analyzed.
¹Analyzed by U.S. Environmental Protection Agency Method TO-15. Only detected analytes are shown in table; see lab reports for full list of analytes.
²San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 ESLs for Subslab/Soil Gas dated 2019 (Rev. 2).
³San Francisco Bay RWQCB Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels (Table SG-1) dated 2019 (Rev 2).

Table 9
Soil Gas Analytical Results for Detected Volatile Organic Compounds
1571, 1581, and 1593 Industrial Parkway West
Hayward, California
Farallon PN: 1353-062

Sample Location	Sample Identification	Sample Date	Analytical Results (micrograms per cubic meter) ²													
			Hexane	Methyl Tertiary Butyl Ether	Naphthalene	n-Heptane	Styrene	tert-Butyl Alcohol	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	Vinyl Chloride	m,p-Xylene	o-Xylene	Xylenes
FSS-1	FSS-1	8/31/2021	< 18	< 1.9	< 2.7	< 21	< 2.2	<16	5.3	< 3.0	< 1.9	<2.8	< 0.26	7.3	< 2.2	7.3
FSS-4	FSS-4	8/31/2021	< 36	< 3.8	< 5.4	< 42	< 4.4	<32	27	9.3	< 3.8	<5.6	< 0.52	< 8.8	< 4.4	< 4.4
FSS-7	FSS-7	8/31/2021	< 180	< 19	< 27	< 210	< 22	<160	< 35	< 30	< 19	<28	< 2.6	< 44	< 22	< 22
FSS-11	FSS-11	8/31/2021	< 36	< 3.8	< 5.4	< 42	< 4.4	<32	< 7.0	< 6.0	14	<5.6	< 0.52	14	< 4.4	14
FSS-13	FSS-13	8/31/2021	< 18	< 1.9	< 2.7	< 21	2.2	<16	< 3.5	< 3.0	33	<2.8	< 0.26	12	3.6	16
FSS-14	FSS-14	8/31/2021	< 180	< 19	< 27	< 210	29	<160	< 35	< 30	51	<28	< 2.6	240	190	430
FSS-16	FSS-16	9/17/2021	< 18	< 1.9	< 2.7	< 21	< 2.2	< 16	< 3.5	< 3.0	2.3	< 2.8	< 0.26	< 4.4	< 2.2	< 2.2
FSS-17	FSS-17	9/17/2021	< 72	< 7.6	< 11	< 84	< 8.8	180	760	< 12	< 7.6	< 11	< 1.0	< 18	< 8.8	< 8.8
FSS-18	FSS-18	9/17/2021	< 72	< 7.6	< 11	< 84	< 8.8	< 64	2,200	< 12	< 7.6	120	< 1.0	< 18	< 8.8	< 8.8
F-19	FSG-19-5.0	10/15/2021	< 18	< 1.9	< 2.7	< 21	< 2.2	< 16	< 3.5	4.7	30	< 2.8	< 0.26	49	14	63
F-20	FSG-20-5.0	10/15/2021	< 18	< 1.9	< 2.7	< 21	4.3	< 16	35	5.1	31	< 2.8	< 0.26	94	28	120
F-21	FSG-21-5.0	10/15/2021	< 18	< 1.9	< 2.7	26	< 2.2	< 16	< 3.5	< 3.0	66	< 2.8	< 0.26	120	34	150
F-22	FSG-22-5.0	10/15/2021	29	< 1.9	3.5	31	< 2.2	< 16	< 3.5	< 3.0	30	< 2.8	< 0.26	55	18	73
F-23	FSG-23-5.0	10/15/2021	< 36	< 3.8	< 5.4	< 42	< 4.4	< 32	< 7.0	< 6.0	42	< 5.6	< 0.52	80	27	110
F-24	FSG-24-5.0	10/15/2021	30	< 1.9	5.7	< 21	< 2.2	< 16	< 3.5	< 3.0	32	< 2.8	0.49	55	17	72
F-25	FSG-25-5.0	10/15/2021	< 18	14	6.5	35	< 2.2	< 16	< 3.5	27	240	< 2.8	< 0.26	470	130	600
F-26	FSG-26-5.0	10/15/2021	< 18	< 1.9	< 2.7	< 21	< 2.2	< 16	5.4	< 3.0	19	< 2.8	< 0.26	56	18	74
San Francisco Bay RWQCB Tier 1 ESLs for Subslab/Soil Gas ²			NE	360	2.8	NE	31,000	NE	15	NE	10,000	16	0.32	3,500		3,500
San Francisco Bay RWQCB ESLs for Subslab/Soil Gas - Commercial/Industrial ³			NE	1,600	12	NE	130,000	NE	67	NE	44,000	100	5.2	15,000		15,000

NOTES:

Green highlight denotes a concentration exceeding the laboratory reporting limit.
Bold and highlighted green denote concentrations exceeding Tier 1 Environmental Screening Levels (ESLs).

Bold and highlighted yellow denote concentrations exceeding Commercial/Industrial ESLs.

< denotes analyte not detected at or exceeding the reporting limit listed.
--- denotes sample not analyzed.
¹ Analyzed by U.S. Environmental Protection Agency Method TO-15. Only detected analytes are shown in table; see lab reports for full list of analytes.
² San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 ESLs for Subslab/Soil Gas dated 2019 (Rev. 2).
³ San Francisco Bay RWQCB Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels (Table SG-1) dated 2019 (Rev 2).

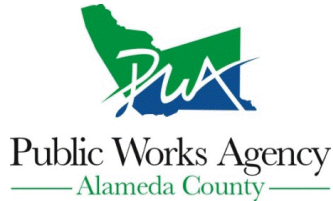
NE = not established

APPENDIX A
WATER RESOURCES WELL PERMIT

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT
1571, 1581, and 1593 Industrial Parkway West
Hayward, California

Farallon PN: 1353-062

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 08/24/2021 By tonyx

Permit Numbers: W2021-0674
Permits Valid from 08/30/2021 to 08/31/2021

Application Id: 1629749809951
Site Location: 1571 Industrial Pkwy W, Hayward, CA 94544, USA-County Health Order 20-10 Appendix B

City of Project Site: Hayward

Project Start Date: 08/30/2021
Assigned Inspector: Contact Connor Lathrop at (510) 542-7949 or Connor@grzones.com

Completion Date: 08/31/2021

Applicant: Farallon Consulting - Peter Sims
330 Franklin Street, Suite 200, Oakland, CA 94607

Phone: 949-338-8317

Property Owner: S&A Investments Holding, LLC
29393 Pacific St, Hayward, CA 94544

Phone: --

Client: CenterPoint Properties Trust
1808 Swift Drive, Oak Brook, IL 60523

Phone: --

Contact: Steffany Aguilar

Phone: 510-789-7184
Cell: 510-789-7184

Receipt Number: WR2021-0430
Payer Name : Peter D Sims

Total Due: \$265.00
Total Amount Paid: \$265.00
Paid By: VISA
PAID IN FULL

Works Requesting Permits:

Borehole(s) for Geo Probes-Soil and water only-Sampling 24 to 48 hours Max (soil and water only) - 15 Boreholes
Driller: Cascade Drilling - Lic #: 1058336 - Method: DP

Work Total: \$265.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2021-0674	08/24/2021	11/28/2021	15	2.50 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
5. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled,

Alameda County Public Works Agency - Water Resources Well Permit

properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

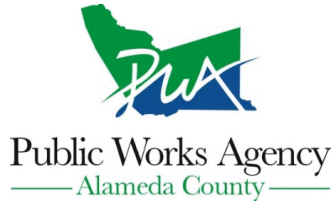
7. NOTE:

Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

8. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained. Provide copies of all approved permits obtained to County inspector prior to starting drilling.

9. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 10/08/2021 By tonyx

Permit Numbers: W2021-0770
Permits Valid from 10/12/2021 to 10/13/2021

Application Id: 1633471662167
Site Location: 1571 Industrial Pkwy W, Hayward, CA 94544,USA-County Health Order 20-10 Appendix B

City of Project Site: Hayward

Protocol Being Used

Project Start Date: 10/12/2021

Completion Date: 10/13/2021

Assigned Inspector: Contact Connor Lathrop at (510) 542-7949 or Connor@grzones.com

Applicant: Farallon Consulting - Peter Sims
330 Franklin Street, Suite 200, Oakland, CA 94607

Phone: 949-338-8317

Property Owner: S&A Investments Holding, LLC
29393 Pacific St, Hayward, CA 94544

Phone: --

Client: CenterPoint Properties Trust
1808 Swift Drive, Oak Brook, IL 60523

Phone: --

Receipt Number: WR2021-0489
Payer Name : Peter D Sims

Total Due: \$265.00
Total Amount Paid: \$265.00
Paid By: VISA
PAID IN FULL

Works Requesting Permits:

Soil Vapor Point-48 Hours Max-Vapor Sampling-48 Hours Max - 8 Wells

Driller: VTS Drilling LLC - Lic #: 916085 - Method: DP

Work Total: \$265.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2021-0770	10/08/2021	01/10/2022	F-19	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-20	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-21	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-22	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-23	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-24	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-25	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-26	2.50 in.	0.25 in.	4.50 ft	5.50 ft

Specific Work Permit Conditions

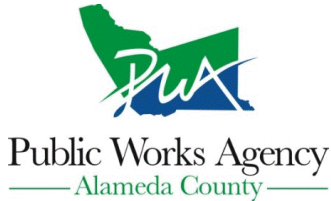
1. Backfill borehole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with bentonite compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

Alameda County Public Works Agency - Water Resources Well Permit

3. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
 4. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
 5. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.
 6. NOTE:
Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.
 7. Soil Vapor Points shall not be left open for a period of more than 48 hours. All Soil Vapor Points left open more than 48 hours will be in Violation and subject to a fine of \$250.00. All Soil Vapor Points boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No All Soil Vapor Points boreholes shall be left in a manner to act as a conduit at any time.
 8. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained. Provide copies of all approved permits obtained to County inspector prior to starting drilling.
 9. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.
 10. All well destruction work requires inspection by ACPWA; therefore, all the drilling work activities must be coordinated with ACPWA at a minimum of five working days prior to the start of any field work. An ACPWA inspector needs to be present during all well destruction field work activities. Except for special circumstances, all work that requires inspection must be performed during the work hours of 8:30 a.m. to 3:30 p.m., Monday through Friday, except holidays.
-

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 10/08/2021 By tonyx

Permit Numbers: W2021-0770
Permits Valid from 10/12/2021 to 10/13/2021

Application Id: 1633471662167
Site Location: 1571 Industrial Pkwy W, Hayward, CA 94544,USA-County Health Order 20-10 Appendix B

City of Project Site: Hayward

Protocol Being Used

Project Start Date: 10/12/2021

Completion Date: 10/13/2021

Assigned Inspector: Contact Connor Lathrop at (510) 542-7949 or Connor@grzones.com

Applicant: Farallon Consulting - Peter Sims
330 Franklin Street, Suite 200, Oakland, CA 94607

Phone: 949-338-8317

Property Owner: S&A Investments Holding, LLC
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Phone: --

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Receipt Number: WR2021-0489
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Works Requesting Permits:

Soil Vapor Point-48 Hours Max-Vapor Sampling-48 Hours Max - 8 Wells

Driller: VTS Drilling LLC - Lic #: 916085 - Method: DP

Work Total: \$265.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2021-0770	10/08/2021	01/10/2022	F-19	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-20	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-21	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-22	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-23	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-24	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-25	2.50 in.	0.25 in.	4.50 ft	5.50 ft
W2021-0770	10/08/2021	01/10/2022	F-26	2.50 in.	0.25 in.	4.50 ft	5.50 ft

Specific Work Permit Conditions

1. Backfill borehole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with bentonite compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

Alameda County Public Works Agency - Water Resources Well Permit

3. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
 4. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
 5. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.
 6. NOTE:
Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.
 7. Soil Vapor Points shall not be left open for a period of more than 48 hours. All Soil Vapor Points left open more than 48 hours will be in Violation and subject to a fine of \$250.00. All Soil Vapor Points boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No All Soil Vapor Points boreholes shall be left in a manner to act as a conduit at any time.
 8. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained. Provide copies of all approved permits obtained to County inspector prior to starting drilling.
 9. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.
 10. All well destruction work requires inspection by ACPWA; therefore, all the drilling work activities must be coordinated with ACPWA at a minimum of five working days prior to the start of any field work. An ACPWA inspector needs to be present during all well destruction field work activities. Except for special circumstances, all work that requires inspection must be performed during the work hours of 8:30 a.m. to 3:30 p.m., Monday through Friday, except holidays.
-

APPENDIX B
FIELD BORING LOGS

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT
1571, 1581, and 1593 Industrial Parkway West
Hayward, California

Farallon PN: 1353-062



Log of Boring: F-1

Page 1 of 1

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/31/21 @ 1400
Date/Time Completed: 8/31/21 @ 1430
Equipment: Box Truck Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 17.2
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.3'	Concrete. Hand auger to 5.0' bgs.	CO						
	0.3-1.0'	(25% sand, 25% fines (silt), 25% gravel), dry, no odor, loose, fine to coarse angular gravel.	SM			7.2			
	1.0-7.0'	CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, soft, dry, no odor, black-gray. Brick fragments from 2.0-3.5 ft bgs.	CL		100	0.5			
	4.5-6.0'	Similar composition but 75% fines, 15% fine to coarse gravel, 10% fine sand.			90	0.3			
5						0.3	F-1-5.0	X	
	7.0-13.0'	CLAY (95% fines, 5% fine sand), low plasticity, moist, no odor, soft, medium, 2.5Y 3/6, light olive.	CL		90	0.1			
10						0.1			
						0.0			
						0.3			
						0.2			
	13.0-16.0'	Silty SAND (60% fine sand, 40% fines), high plasticity, soft, no odor, wet, 2.5Y light olive brown.	SM		90	0.1			
15						0.1			
	16.0-20.0'	CLAY (95% fines, 5% fine sand), low dry strength, high plasticity, wet, soft, no odor, 2.5Y 3/6, light olive.	CL		90	0.3			
						0.3	FGW-1	X	
20									

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-2

Page 1 of 1

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/30/21 @ 1415
Date/Time Completed: 8/30/21/ @ 1430
Equipment: Hand Auger
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Hand Auger

Sampler Type: Auger
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NA
Total Boring Depth (ft bgs): 5.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.2': Asphalt. Hand auger to 5.0' bgs.	AC						Asphalt
		0.2-1.0': Silty SAND (25% fine sand, 25 fines (silt), 25% gravel), dry, no odor, loose, fine to coarse angular gravel.	SM						
		1.0-5.0': CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, soft, dry, no odor, black-gray.	CL			0.6			
						0.2			
					100	0.3			Bentonite
						0.2			
5						0.6	F-2-5.0	X	

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Asphalt
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-3

Page 1 of 1

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/31/21 @ 1100
Date/Time Completed: 8/31/21/ @ 1120
Equipment: Hand Auger
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Hand Auger

Sampler Type: Auger
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NA
Total Boring Depth (ft bgs): 4.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.4': Concrete. Hand auger to 5.0' bgs.	CO						
		0.4-1.5': Silty SAND (50% fine sand, 40% fines, 10% gravel), fine to coarse angular gravel, silt, loose, dry, no odor.	SM			0.3			Concrete
		1.5-4.0': CLAY (90% fines (clay), 5% fine sand, 5% gravel), brick fragments, dry, no odor, low plasticity, medium stiff. Refusal at 4.0 ft bgs.	CL			0.7			
					100	1.2			Bentonite
						1.9	F-3-4.0	X	
5									

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-4

Page 1 of 1

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/31/21 @ 1140
Date/Time Completed: 8/31/21 @ 1200
Equipment: Box Truck Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 12.9
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.2'	Concrete. Hand auger to 5.0' bgs.	CO						
	0.2-1.0'	Silty SAND (25% fine sand, 25% fines (silt), 25% gravel), dry, no odor, loose, fine to coarse angular gravel.	SM			0.3			
	1.0-2.5'	Silty SAND (60% fine sand, 20% fines (silt), 20% gravel), dry, no odor, loose, green.	SM		100	0.4	F-4- 2.5	X	Concrete
	2.5-8.0'	CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, soft, dry, no odor, black-gray.	CL			0.4			
5						0.2			
					90	0.2	F-4-5.0	X	
						0.4			
						0.6			
	8.0-10.0'	CLAY (90% fines, 10% fine sand), low dry strength, no plasticity, soft, dry, no odor, GLEY, dark greenish gray.	CL			0.9			
10						0.5			
	10.0-13.0'	CLAY (95% fines, 5% fine sand), low dry strength, low plasticity, soft, no odor, moist, 2.5Y 3/6, light olive.	CL		90	0.3			Bentonite
						0.2			
						0.5			
	13.0-16.0'	CLAY (80% fines, 20% fine sand), high plasticity, soft, fines are most likely clay, wet, no odor, 2.5Y, light olive brown.	CL			0.1	FGW-4	X	Water level
15						0.0			
					80	0.1			
	16.0-17.0'	CLAY (95% fines, 5% fine sand), low dry strength, medium plasticity, soft, no odor, moist, 2.5Y 3/6, light olive.	CL			0.4			
	17.0-19.0'	CLAY (80% fines, 20% fine sand), high plasticity, very soft, fines are most likely clay, wet, no odor, 2.5Y, light olive brown.	CL		90	0.1			Bentonite
20	19.0-20.0'	CLAY (95% fines, 5% fine sand), low dry strength, high plasticity, soft, no odor, moist, 2.5Y 3/6, light olive.	CL						

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-5

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/31/21 @ 1045
Date/Time Completed: 8/31/21/ @ 1100
Equipment: Hand Auger/Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Hand Auger/Doly Rig

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NA
Total Boring Depth (ft bgs): 5.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.5':	Loose GRAVEL.	GP						
	0.5-0.6':	Asphalt.	AC						
	0.6-1.4':	SILT with gravel (50% fines (silt), 40% gravel, 10% fine sand), fine to coarse angular gravel, dry, loose, no odor.	ML			0.2			Concrete
	1.4-4.0':	CLAY (40% fines, 30% fine sand, 30% gravel), moist, low dry strength, no odor, low plasticity.	CL		100	0.2			
	4.0-6.0':	CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, soft, dry, no odor, black-gray.	CL			0.2			
5						0.2	F-5-5.0	X	
	6.0-7.0':	CLAY (40% fines, 30% fine sand, 30% gravel), moist, low dry strength, no odor, low plasticity.	CL			1.7			Bentonite
	7.0-8.0':	CLAY (95% fines, 5% fine sand), low dry strength, low plasticity, soft, no odor, moist. Refusal at 8.0 ft bgs.	CL		90	1.9			
						0.9			

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Asphalt
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-6

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/31/21 @ 0930
Date/Time Completed: 8/31/21 @ 0840
Equipment: Box Truck Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 14.4
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-2.0': Asphalt. Hand auger to 5.0' bgs.	AC							Asphalt
	0.2-2.0': CLAY (50% fines, 25% fine sand, 25% gravel), fine to coarse angular gravel, loose, dry, no odor, 2.5Y 4/2, grayish brown.	CL			1.0				
	2.0-8.0': CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, soft, dry, no odor, black-gray.	CL			100	0.1			
					0.2				
5					0.1				
					90	0.2	F-6-5.0	X	
					0.5				
					0.2				
	8.0-10.5: CLAY (90% fines, 10% fine sand), low dry strength, no plasticity, no odor, soft, dry, GLEY 1, dark greenish gray.	CL			90	0.1			
10					0.2				
	10.5-12.5: CLAY (95% fines, 5% fine sand), low dry strength, low plasticity, soft, no odor, moist, 2.5Y 3/6, light olive brown.	CL			0.1				Bentonite
					0.2				
					0.1				
	12.5-15.0: CLAY (80% fines, 20% fine sand), high plasticity, fines are likely clay, wet, no odor, 2.5Y light olive brown.	CL			0.1				
15					100	0.1	FGW-6	X	Water level
	15.0-17.0: CLAY (95% fines, 5% fine sand), low dry strength, medium plasticity, soft, no odor, moist, 2.5Y 3/6, light olive brown.	CL			0.1				
	17.0-18.5: CLAY (80% fines, 20% fine sand), high plasticity, fines are likely clay, very soft, wet, no odor, 2.5Y light olive brown.	CL			0.1				
					85	0.1			Bentonite
	18.5-20: CLAY (95% fines, 5% fine sand), low dry strength, high plasticity, soft, no odor, moist, 2.5Y 3/6, light olive brown.	CL			0.1				
20					0.0				

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Asphalt
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-7

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/31/21 @ 1530
Date/Time Completed: 8/31/21 @ 1550
Equipment: Box Truck Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 12.2
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-2.0': Asphalt. Hand auger to 5.0' bgs.	AC			0.1			Asphalt
		2.0-8.0': CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, soft, dry, no odor, black-gray.	CL		100	0.1			
						0.1			
						0.1			
5					70	0.1	F-7-5.0	X	
						0.1			
						0.2			
		8.0-12.0': CLAY (90% fines, 10% fine sand), low dry strength, no plasticity, soft, dry, no odor, GLEY 1, dark greenish gray.	CL		90	0.2			
10						0.2			Bentonite
						0.1			
		12.0-13.0': CLAY (95% fines, 5% fine sand), low dry strength, low plasticity, soft, no odor, moist, 2.5Y 3/6, light olive brown.	CL		90	0.7	FGW-7	X	Water level
		13.0-15.5': CLAY (70% fines, 30% fine sand), high plasticity, soft, fines are likely clay, wet, no odor, 2.5Y, light olive brown.	CL			0.5			
15						0.4			
		15.5-16.5': CLAY (95% fines, 5% fine sand), low dry strength, medium plasticity, soft, no odor, wet, 2.5Y 3/6, light olive brown.	CL						
		16.5-18.5': CLAY (70% fines, 30% fine sand), high plasticity, soft, fines are likely clay, wet, no odor, 2.5Y, light olive brown.	CL			0.1			
					90	0.5			Bentonite
		18.5-20.0': CLAY (95% fines, 5% fine sand), low dry strength, high plasticity, soft, no odor, wet, 2.5Y 3/6, light olive brown.	CL			0.1			
20						0.4			

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-8

Page 1 of 1

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/30/21 @ 0855
Date/Time Completed: 8/30/21 @ 1023
Equipment: Box Truck Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 14.5
Total Boring Depth (ft bgs): 24.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.2'	Asphalt. Hand auger to 5.0' bgs.	AC						
	0.2-2.0'	Silty SAND (60% sand, 30% fines, 10% gravel), fine sand, fine angular gravel, silt, loose, dry, no odor, 2.5Y 4/2, dark grayish brown.	SM			0.1			Concrete
	2.0-5.0'	CLAY (80% fines, 10% gravel, 10% sand), low plasticity, slight sheen, medium stiff, dry, slight hydrocarbon-like odor, 2.5Y 3/1, very dark gray.	CL		100	0.1			
						0.6			
						1.6			
5	5.0-8.5'	CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, soft, hydrocarbon-like odor, black gray.	CL		80	1.9	F-8-5.0		
						9.7			
						1.6	F-8-7.0	X	
	8.5-9.5'	CLAY (90% fines, 10% fine sand), low dry strength, no plasticity, soft, dry, hydrocarbon-like odor, dark greenish gray.	CL		90	0.6			
10	9.5-16.0'	CLAY (95% fines, 5% fine sand), high plasticity, soft, fines are likely clay, moist, no odor, 2.5Y 4/6, olive brown.	CL			0.2			Bentonite
						0.1			
						0.2			
						0.6			
15	16.0-18.5'	(85% fines, 10% fine sand, 5% gravel), medium stiff, low plasticity, medium dry strength, no odor, 2.5Y grayish brown.	CL		90	0.1	FGW-8	X	Water level
						0.2			
						0.1			
	18.5-20.0'	Poorly-graded SAND with silt (90% sand, 10%), wet, no odor.	SP-SM			0.1			
20	20.0-24.0'	Poorly-graded SAND (90% sand, 5% fines, 5% gravel), wet, no odor, 2.5Y 5/4, light brown.	SP		90	0.1			Bentonite
						0.2			
						0.2			
						0.1			
25									

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-9

Page 1 of 2

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/31/21 @ 0800
Date/Time Completed: 8/31/21 @ 0840
Equipment: Box Truck Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 12.4
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.2'	Concrete. Hand auger to 5.0' bgs.	CO						
	1.0-2.5'	CLAY (80% fines, 10% fine sand, 10% gravel), low plasticity, medium stiff, dry, no odor.	CL		100	0.1			Concrete
	2.5-7.5'	CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, no odor.	CL		90	0.2 0.3 0.6 0.7	F-9-5.0	X	
5	7.5-11.5'	CLAY (90% fines, 10% fine sand), low dry strength, no plasticity, soft, dry, no odor, GLEY 1, dark greenish gray.	CL		90	0.0 0.0			
	11.5-13.4'	CLAY (95% fines, 5% fine sand), low dry strength, low plasticity, soft, no odor, moist, 2.5Y 3/6, light olive brown.	CL			0.0			
10	13.4-15.2'	CLAY (80% fines, 20% fine sand), high plasticity, soft, fines are likely clay, moist, no odor.	CL		100	0.0			
	15.2-15.8'	CLAY (95% fines, 5% fine sand), low dry strength, low plasticity, soft, no odor, moist, 2.5Y 3/6, light olive brown.	CL			0.0			
	15.8-17.5'	CLAY (95% fines, 5% fine sand), low dry strength, low plasticity, soft, no odor, moist, 2.5Y 3/6, light olive brown.	CL			0.0			
	17.5-19.5'	CLAY (80% fines, 20% fine sand), high plasticity, very soft, fines are likely clay, wet, no odor.	CL		85	0.1			
20	19.5-20.0'	CLAY (95% fines, 5% fine sand), low dry strength, high plasticity, soft, no odor, wet, 2.5Y 3/6, light olive brown.	CL			0.0			

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-9

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/31/21 @ 0800
Date/Time Completed: 8/31/21/ @ 0840
Equipment: Box Truck Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 12.4
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/30/21 @ 1000
Date/Time Completed: 8/30/21/ @ 1250
Equipment: Box Truck Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 12.4
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.2'	Asphalt. Hand auger to 5.0' bgs.	AC						
	0.2-2.0'	Silty SAND (50% sand, 40% fines, 10% gravel), fine sand, coarse to fine gravel, angular, silt, loose, dry, no odor, 2.5Y 4/2, dark grayish brown.	SM			0.9			Concrete
	2.0-5.0'	CLAY (80% fines, 10% gravel, 10% fine sand), fines are likely clay, low plasticity, low dry strength. medium stiff, dry, no odor, 2.5Y 3/1, very dark gray.	CL		100	0.2			
						0.2			
5	5.0-7.5'	CLAY (90% fines, 10% fine sand), low dry strength, no plasticity, soft, dry, no odor, dark greenish gray,	CL		90	1.2	F-10- 5.0	X	
						0.2			
	7.5-11.0'	CLAY (90% fines, 10% fine sand), low dry strength, no plasticity, soft, dry, no odor.	CL			0.1			
						0.1			
10					100	0.1			Bentonite
	11.0-16.0'	CLAY (95% fines, 5% fine sand), high plasticity, soft, fines are likely clay, moist, no odor, 2.5Y 4/6, olive brown,	CL			0.1	FGW-10	X	Water level
						0.2			
						0.0			
						0.1			
15	16.0-17.5'	CLAY (85% fines, 10% fine sand, 5% gravel), fine to coarse gravel, medium stiff, low plasticity, medium dry strength, no odor, 2.5Y grayish brown.	CL		80	0.1			
						0.2			
	17.5-20.0'	Poorly-graded SAND (95% fine sand, 5% gravel), wet, no odor, 2.5Y 5/4 light olive brown.	SP		90	0.2			Bentonite
20									

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-11

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/30/21 @ 1300
Date/Time Completed: 8/30/21 @ 1345
Equipment: Hand Auger
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Hand Auger

Sampler Type: Auger
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NA
Total Boring Depth (ft bgs): 5.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.9': Concrete. Hand auger to 5.0' bgs.	CO						Concrete
		0.9-1.0': Silty SAND (60% sand, 30% fines, 10% gravel), fine to coarse angular gravel, moist, no odor, loose, 2.5Y olive brown.	SM			0.2			
		1.0-3.0': Silty SAND (50% sand, 40% fines, 10% gravel), fine to coarse gravel, angular, fine sand, silt, loose, dry, no odor, 2.5Y 4/2, dark grayish brown,.	SM			0.3			
					100				
		3.0-5.0': CLAY (80% fines, 10% sand, 10% gravel), fines are likely clay, low plasticity, low dry strength, medium stiff, dry, no odor, gray.	CL			0.3			Bentonite
					1.4				
5						4.6	F-11-5.0	X	

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: NA
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-12

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/30/21 @ 1355
Date/Time Completed: 8/30/21 @ 1430
Equipment: Box Truck Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 16.4
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.4'	Concrete. Hand auger to 5.0' bgs.	CO						
	0.4-2.0'	Silty SAND (60% sand, 20% fines, 20% gravel), moist, no odor, loose, 2.5Y olive brown.	SM			4.3			Concrete
	2.0-5.0'	CLAY (80% fines, 10% sand, 10% gravel), fines are likely clay, low plasticity, low dry strength, medium stiff, dry, no odor, 2.5Y 3/1, very dark gray.	CL		100	4.0			
						3.9			
						4.3			
5	5.0-8.0'	CLAY (95% fines, 5% sand), medium plasticity, medium dry strength, medium stiff, dry, no odor, 2.5Y 2.5/1, black, wood fragments.	CL		80	5.2	F-12- 5.0	X	
						1.0			
						0.5			
	8.0-11.5'	CLAY (90% fines, 10% fine sand), no plasticity, low dry strength, soft, dry, no odor, dark greenish gray.	CL			0.6			
10					100	0.3			Bentonite
						0.2			
	11.5-16.0'	CLAY (95% fines, 5% fine sand), high plasticity, soft, fines are likely clay, moist, no odor, 2.5Y 4/6, olive brown.	CL			0.3			
						0.2			
						0.2			
15					70	0.1			
	16.0-16.4'	CLAY (85% fines, 15% fine sand), medium stiff, low plasticity, medium dry strength, no odor.	CL			0.0	FGW-12	X	Water level
	16.4-18.0'	Silty SAND (60% sand, 40% fines), fines are likely silt, fine sand, wet, no odor, medium plasticity, 2.5Y 5/4, light olive brown.	SM		100	0.0			
	18.0-20.0'	CLAY (70% fines, 30% fine sand), stiff, no plasticity, high dry strength, moist, no odor, 2.5Y 5/3, light olive brown.	CL						Bentonite
20									

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-13

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/30/21 @ 1500
Date/Time Completed: 8/30/21 @ 1600
Equipment: Dolly Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NA
Total Boring Depth (ft bgs): 9.5
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.4': Concrete. Hand auger to 5.0' bgs.	CO						
		0.4-5.0': Silty SAND (60% sand, 30% fines, 10% gravel), fine to coarse angular gravel, fine sand, silt, loose, dry, no odor, 2.5Y 4/2 dark grayish brown.	SM			0.1			Concrete
					100	0.2			
						0.1			
						0.1			
5		5.0-7.5': CLAY (90% fines, 10% fine sand), medium dry strength, dry, no odor, stiff, 2.5Y 3/1, very dark gray.	CL		50	0.2	F-13- 5.0	X	Bentonite
						0.2			
						1.0			
		7.5-8.5': CLAY (95% fines, 5% fine sand), soft, medium plasticity, moist, no odor, 2.5Y 3/1, very dark gray.	CL		50	0.8			
10									

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-14

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/30/21 @ 1600
Date/Time Completed: 8/30/21 @ 1630
Equipment: Hand Auger/Box Truck Rig
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Hand Auger/Direct Push

Sampler Type: Auger
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NA
Total Boring Depth (ft bgs): 5.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.4': Concrete. Hand auger to 2.5.0' bgs.	CO						
		0.4-3.0': Sandy GRAVEL (60% gravel, 30% sand, 10% fines), fine to coarse angular gravel, dry, no odor, medium dense, 2.5Y 4/1, dark gray.	GW-GM			0.5			Concrete
		3.0-5.0': CLAY (75% fines, 15% gravel, 10% fine sand), fine to coarse gravel, angular, low dry strength, medium stiff, no odor, 2.5Y 3/1, very dark gray.	CL			0.5			Bentonite
5						0.4	F-14-5.0	X	

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-15

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 8/31/21 @ 0900
Date/Time Completed: 8/31/21/ @ 0920
Equipment: Hand Auger
Drilling Company: Cascade
Drilling Foreman: Noe Castro
Drilling Method: Hand Auger

Sampler Type: Auger
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NA
Total Boring Depth (ft bgs): 3.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-3.0': CLAY (50% fines, 25% fine sand, 25% gravel), fine to coarse angular garvel, loose, 2.5Y 5/2, grayish brown.	CL						
					100	3.4			Concrete
						19.8			Bentonite
						6.9	F-15-3.0		

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-19

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/13/21 @ 1000
Date/Time Completed: 10/13/21 @ 1045
Equipment: Dolly Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 15.0
Total Boring Depth (ft bgs): 18.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.7': Concrete. Hand auger to 5.0' bgs.	CO						
		0.7-2.0': gravelly SILT with sand (50% fines, 25% sand, 25% gravel), fine to medium gravel, loose, dry, no odor, brown.	ML			0.0			Concrete
		2.0-4.5': CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, no odor, black-gray.	CL			0.0			
					100	0.1			
						0.0			
5		4.5-5.5' gravelly SILT (60% fines, 35% gravel, 5% sand) fine to coarse gravel, fine sand, dry, no odor, black-gray.	ML			0.0			
		5.5-8.8': CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, no odor, black-gray.	CL			0.0			
					90	0.0			
						0.0			
						0.0			
10		8.8-11.3': CLAY (90% fines, 10% fine sand), no plasticity, low dry strength, soft, no odor, moist, 10 YR 4/2 dark grayish brown.	CL			0.1			
					90	0.0			Bentonite
						0.0			
		11.3-18.0': CLAY with sand (85% fines, 15% fine sand), high plasticity, soft, moist, no odor, 2.5 Y 5/3 light olive brown. Wet at 15.0-18.0	CL			0.0			
					90	0.0			
						0.0			
						0.1			
15					90	0.0	FGW-19	X	Water level
						0.1			
					90	0.0			Bentonite

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-20

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/13/21 @ 1415
Date/Time Completed: 10/13/21 @ 1530
Equipment: Dolly Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NA
Total Boring Depth (ft bgs): 20
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.7': Concrete. Hand auger to 5.0' bgs.	CO						
		0.7-1.5': gravelly SILT with sand (50% fines, 25% sand, 25% gravel), fine to medium gravel, loose, dry, no odor, brown.	ML			0.1			Concrete
		1.5-8.5': CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, no odor, black-gray.	CL			0.0			
					100	0.0			
						0.0			
5						0.1			
						0.1			
					100	0.0			
						0.0			
		8.5-13.5': CLAY (90% fines, 5% fine sand), low dry strength, medium plasticity, soft, moist, no odor, 2.5 Y 5/3 light olive brown.	CL			0.1			
10					100	0.1			Bentonite
						0.1			
					100	0.0			
						0.0			
		13.5-15.0': CLAY with sand (80% fines, 20% fine sand) high plasticity, soft, moist, no odor, 2.5 Y 5/3 light olive brown.	CL			0.1			
15						0.1			
		15.0-18.0': CLAY (90% fines, 5% fine sand), low dry strength, medium plasticity, soft, moist, no odor, 2.5 Y 5/3 light olive brown.	CL			0.1			
					100	0.0			Bentonite
						0.0			
					100	0.0			
		18.0-20.0': CLAY with sand (80% fines, 20% fine sand) with thin layers of 100% sand, high plasticity, soft, moist, no odor, 2.5 Y 5/3 light olive brown.	CL			0.1			
20					100	0.1			

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-21

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/12/21 @ 0934
Date/Time Completed: 10/12/21 @ 1110
Equipment: GeoProbe Track Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 18.0
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.5'	Concrete. Hand auger to 5.0' bgs.	CO						
	0.5-1.0'	gravelly SILT with sand (50% fines, 25% sand, 25% gravel), fine to medium gravel, loose, dry, no odor, brown.	ML						
	1.0-4.0'	CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, no odor, black-gray.	CL			0.1			Concrete
						0.1			
					100	0.1			
	4.0-5.0'	Poorly-graded GRAVEL (100% Cobbles and gravel) dry, no odor, black-gray.	GP			0.0			
5	5.0-7.0'	CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, no odor, black-gray.	CL			0.1			
						0.1			
	7.0-10.5'	CLAY (90% fines, 10% fine sand), no plasticity, low dry strength, soft, no odor, moist, 10 YR 4/2 dark grayish brown.	ML		90	0.1			
						0.0			
						0.1			
10	10.5-16.5'	CLAY (90% fines, 10% fine sand), high plasticity, soft, moist, no odor, 2.5 Y 5/3 light olive brown. Wet at 10.5 - 16.5'.	CL		90	0.1			Bentonite
						0.1			
						0.1			
					70	0.1			
						0.0			
15	16.5 - 18.0'	CLAY (95% fines, 5% fine sand), low dry strength, low plasticity, soft, moist, no odor, 2.5 Y 5/3 light olive brown.	CL		70	0.1			Bentonite
						0.1			
	18.0-19.0'	CLAY (90% fines, 10% fine sand), high plasticity, soft, moist, no odor, 2.5 Y 5/3 light olive brown.	CL				FGW-21	X	Water level
	19.0-20.0'	CLAY (95% fines, 5% fine sand), low dry strength, low plasticity, soft, moist, no odor, 2.5 Y 5/3 light olive brown.	CL		90				
20									

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-21

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/12/21 @ 0934
Date/Time Completed: 10/12/21 @ 1110
Equipment: GeoProbe Track Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 18.0
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-22

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Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/12/21 @ 1050
Date/Time Completed: 10/12/21 @ 1230
Equipment: GeoProbe Track Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 17.6
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.7': Concrete. Hand auger to 5.0' bgs.	CO						
		0.7-2.0': gravelly SILT with sand (50% fines, 25% sand, 25% gravel), fine to medium gravel, loose, dry, no odor, brown.	ML			0.0			Concrete
		2.0-7.8': CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, no odor, black-gray.	CL		100	0.0			
5						0.0			
						0.0			
						0.1			
						0.0			
						0.0			
						0.1			
		7.8-10.7' CLAY (90% fines, 10% fine sand), no plasticity, low dry strength, soft, no odor, moist, 10 YR 4/2 dark grayish brown.	CL		90	0.1			
10						0.0			
						0.0			
						0.1			Bentonite
						0.1			
		10.7-12.2': CLAY (95% fines, 5% fine sand), medium plasticity, low dry strength, soft, dry, no odor, 2.5 Y 5/3 light olive brown.	CL		90	0.1			
						0.0			
		12.2-15.6': CLAY with sand (80% fines, 20% fine sand) high plasticity, soft, no odor, moist, 2.5 Y 5/3 light olive brown.	CL			0.0			
15						0.0			
						0.1			
						0.1			
		15.6-17.6': CLAY (95% fines, 5% fine sand), medium plasticity, low dry strength, soft, dry, no odor, 2.5 Y 5/3 light olive brown.	CL		70	0.1			
						0.0			Bentonite
						0.0			
		17.6-19.0': CLAY with sand (80% fines, 20% fine sand) high plasticity, soft, no odor, moist, 2.5 Y 5/3 light olive brown.	CL		70	0.0	FGW-22	X	Water level
20									
		19.0-20.0': CLAY (95% fines, 5% fine sand), low dry strength, low plasticity, soft, moist, no odor, 2.5 Y 5/3 light olive brown.	CL						

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-22

Page 2 of 2

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/12/21 @ 1050
Date/Time Completed: 10/12/21 @ 1230
Equipment: GeoProbe Track Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 17.6
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/12/21
Date/Time Completed: 10/13/21
Equipment: GeoProbe Track Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 17.9
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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0	0.0-0.5': Concrete. Hand auger to 5.0' bgs.	CO							
	0.5-1.0': gravelly SILT with sand (50% fines, 25% sand, 25% gravel), fine to medium gravel, loose, dry, no odor, brown.	ML							
	1.0-7.5': CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, no odor, black-gray.	CL			100	0.9			Concrete
						0.5			
						0.3			
						0.1			
5						0.1			
						0.2			
						0.1			
	7.5-10.0' CLAY (90% fines, 10% fine sand) no plasticity, low dry strength, soft, no odor, moist, greenish-brown.	CL			100	0.1			
						0.1			
						0.1			
10						0.1			Bentonite
	10.0-12.4': CLAY (95% fines, 5% fine sand), medium plasticity, low dry strength, soft, dry, no odor, 2.5 Y 5/3 light olive brown.	CL			100	0.1			
						0.1			
						0.1			
	12.4-14.4': CLAY with sand (85% fines, 15% fine sand) high plasticity, soft, no odor, moist, 2.5 Y 5/3 light olive brown.	CL				0.0			
						0.0			
15						0.1			
	14.4-15.6': poorly-graded SAND (100% sand), medium sand, 2.5 Y 5/3 light olive brown, wet.	SP			100	0.1			
						0.0			
	15.6-17.9': CLAY (95% fines, 5% fine sand), medium plasticity, low dry strength, soft, dry, no odor, 2.5 Y 5/3 light olive brown.	CL				0.0			Bentonite
						0.1			
					90	0.0	FGW-23	X	Water level
						0.1			
20	19.5-20.0': CLAY (95% fines, 5% fine sand), medium plasticity, low dry	CL							

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-23

Page 2 of 2

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/12/21
Date/Time Completed: 10/13/21
Equipment: GeoProbe Track Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 17.9
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information

Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA
Casing Diameter (inches): NA	Surface Seal: Concrete	Top of Casing Elevation (ft): NA
Screen Slot Size (inches): NA	Annular Seal: NA	Surveyed Location: X: NA Y: NA
Screened Interval (ft bgs): NA	Boring Abandonment: Bentonite	Unique Well ID: NA



Log of Boring: F-24

Page 1 of 2

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/12/21 11:15
Date/Time Completed: 10/11/21 11:30
Equipment: GeoProbe Track Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 19
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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0	0.0-0.5': Concrete. Hand auger to 5.0' bgs.	CO							
	0.5-1.0': gravelly SILT with sand (50% fines, 25% sand, 25% gravel), fine to medium gravel, loose, dry, no odor, brown.	ML							
	1.0-8.4': CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, no odor, black-gray.	CL			100	0.1			Concrete
						0.1			
						0.1			
5						0.1			
						0.1			
					100	0.2			
						0.1			
	8.4-9.0' CLAY (90% fines, 10% fine sand) no plasticity, low dry strength, soft, no odor, moist, 10 YR 4/2 dark grayish brown.	CL				0.1			
	9.0-11.0': CLAY (95% fines, 5% fine sand), medium plasticity, low dry strength, soft, dry, no odor, 2.5 Y 5/3 light olive brown.	CL				0.1			Bentonite
						0.1			
	11.0-16.0': CLAY with sand (85% fines, 15% fine sand) high plasticity, soft, no odor, moist, 2.5 Y 5/3 light olive brown. Layer of 100% sand from 12.9-13.4'.	CL			100	0.0			
						0.1			
						0.0			
						0.1			
15					95	0.1			
	16.0-18.8': CLAY (95% fines, 5% fine sand), medium plasticity, low dry strength, soft, dry, no odor, 2.5 Y 5/3 light olive brown	CL				0.0			Bentonite
					100	0.0			
	18.8-19.5': CLAY with sand (same as 11.0-16.0 soil)	CL					FGW-24	X	Water level
20	19.5-20.0': CLAY (same as 16.0-18.8 soil)	CL							

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-24

Page 2 of 2

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/12/21 11:15
Date/Time Completed: 10/11/21 11:30
Equipment: GeoProbe Track Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 19
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-25

Page 1 of 1

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/12/21 07:40
Date/Time Completed: 10/11/21 09:14
Equipment: GeoProbe Track Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 16.7
Total Boring Depth (ft bgs): 18
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.2'	Asphalt. Hand auger to 5.0' bgs.	AC						
	0.2-1.0'	gravelly SILT with sand (50% fines, 25% sand, 25% gravel), fine to medium gravel, loose, dry, no odor.	ML						
	1.0-7.0'	CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, no odor, black-gray.	CL			0.0			Concrete
					100	0.3			
						0.3			
5						0.3			
						0.1			
	7.0-9.0'	CLAY (90% fines, 10% fine sand) no plasticity, low dry strength, soft, no odor, no plasticity, moist, green-gray.	CL		100	0.1			
						0.3			
	9.0-11.0'	CLAY (95% fines, 5% fine sand) low plasticity, low dry strength, soft, dry, no odor, 2.5 Y 3/6 light olive brown.	CL			0.2			
10						0.2			Bentonite
	11.0-15.0'	CLAY with sand (85% fines, 15% fine sand) high plasticity, soft, no odor, moist, 2.5 Y light olive brown. Layer Wet at 13.5-15.0'	CL		100	0.3			
						0.1			
					100	0.1			
						0.1			
15						0.1			
	15.0- 16.7'	CLAY (95% fines, 5% fine sand) medium plasticity, low dry strength, soft, moist, no odor, 2.5 Y 3/6 light olive brown.	CL			0.1			
						0.1			
	16.7-18.0'	CLAY with sand (85% fines, 15% fine sand) high plasticity, very soft, no odor, wet, 2.5 Y light olive brown.	CL		100		FGW-25	X	Water level Bentonite

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-26

Page 1 of 2

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/13/21 08:00
Date/Time Completed: 10/13/21 09:30
Equipment: GeoProbe Track Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 21
Total Boring Depth (ft bgs): 25
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0-0.2'	Asphalt. Hand auger to 5.0' bgs.	AC						
	0.2-2.0'	gravelly SILT with sand (50% fines, 25% sand, 25% gravel), fine to medium gravel, loose, dry, no odor.	ML			0.1			Concrete
	2.0-7.0'	CLAY (95% fines, 5% fine sand), medium plasticity, medium dry strength, dry, no odor, black-gray.	CL		100	0.0			
5						0.0			
	7.0-10.0'	CLAY (90% fines, 10% fine sand) no plasticity, low dry strength, soft, no odor, no plasticity, moist, greenish-brown.	CL		95	0.1			
						0.0			
10	10.0-12.2'	CLAY (95% fines, 5% fine sand) medium plasticity, low dry strength, soft, dry, no odor, 2.5 Y 5/3 light olive brown	CL		100	0.1			Bentonite
						0.1			
	12.2-15.5'	CLAY with sand (85% fines, 15% fine sand) high plasticity, soft, no odor, moist, 2.5 Y 5/3 light olive brown	CL			0.1			
						0.1			
15	15.5-17.0'	CLAY (95% fines, 5% fine sand) medium plasticity, low dry strength, soft, moist, no odor, 2.5 Y 5/3 light olive brown	CL		75	0.1			
						0.0			
	17.0-17.8'	CLAY with sand (85% fines, 15% fine sand) high plasticity, very soft, no odor, wet, 2.5 Y 5/3 light olive brown	CL			0.1			
	17.8-20.0'	CLAY (95% fines, 5% fine sand) low plasticity, low dry strength, soft, dry, no odor, 2.5 Y 5/3 light olive brown	CL		75	0.1			
20	20.0-21.0'	CLAY with sand (85% fines, 15% fine sand) high plasticity, soft, no odor, moist, 2.5 Y 5/3 light olive brown	CL						
	21.0-22.5'	poorly-graded SAND (100% fine sand), wet, 2.5 Y 5/3 light olive brown	SP		100		FGW-26	X	Water level
	22.5-24.0'	CLAY with sand (85% fines, 15% fine sand) high plasticity, soft, no odor, moist, 2.5 Y 5/3 light olive brown	CL						
25	24.0-24.2'	poorly-graded SAND (100% fine sand), wet, 2.5 Y 5/3 light	SP		100				Bentonite

Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA



Log of Boring: F-26

Page 2 of 2

Client: Centerpoint Properties
Project: 1571-1593 Industrial Parkway
Location: Hayward, California

Farallon PN: 1353-062

Logged By: S. Aguilar

Date/Time Started: 10/13/21 08:00
Date/Time Completed: 10/13/21 09:30
Equipment: GeoProbe Track Rig
Drilling Company: VTS
Drilling Foreman: Glenn Reiss
Drilling Method: Direct Push

Sampler Type: Liners
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 21
Total Boring Depth (ft bgs): 25
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information

Monument Type: NA
Casing Diameter (inches): NA
Screen Slot Size (inches): NA
Screened Interval (ft bgs): NA

Filter Pack: NA
Surface Seal: Concrete
Annular Seal: NA
Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA

APPENDIX C
LABORATORY ANALYTICAL REPORTS

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT
1571, 1581, and 1593 Industrial Parkway West
Hayward, California

Farallon PN: 1353-062



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2109065

Report Created for: Farallon Consulting

330 Franklin Street, Ste. 200
Oakland, CA 94607

Project Contact: Peter Sims

Project P.O.:

Project: 1353-062; 1571,1581,1593 Industrial Parkway West

Project Received: 09/01/2021

Analytical Report reviewed & approved for release on 09/08/2021 by:

Jennifer Lagerbom
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.





Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1353-062; 1571,1581,1593 Industrial Parkway West
WorkOrder: 2109065

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1353-062; 1571,1581,1593 Industrial Parkway West
WorkOrder: 2109065

Analytical Qualifiers

J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
S Surrogate recovery outside accepted recovery limits.
c2 Surrogate recovery outside of the control limits due to matrix interference.

Quality Control Qualifiers

F2 LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.



Case Narrative

Client: Farallon Consulting
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

Work Order: 2109065
September 07, 2021

TO-15 ANALYSIS

All summa canisters are EVACUATED 5 days after the reporting of the results. Please call or email if a longer retention time is required. Qualitative Leak Check compound narrative for TO15 analysis:



Case Narrative

Client: Farallon Consulting
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

Work Order: 2109065
September 07, 2021

Qualitative Leak Check compound narrative for TO15 analysis:

1,1-Difluoroethane is not a formal method analyte, and does not have a calibration curve relating response to concentration. Therefore, an estimated concentration must be based on a calibrated compound response. Typically, the chosen proxy compound has similar chemical properties and similar retention times.

For Work Order 2109065, the value for 1,1-Difluoroethane is estimated value based on the dichlorodifluoromethane calibration. Although they do not share identical chemical properties, dichlorodifluoromethane has been chosen because it is the lightest fluorinated compound on the list of calibrated analytes, and has the same chromatographic retention time as 1,1-Difluoroethane.



Summary of Sample Pressure Report

Lab ID	Canister ID	Lab Prep Vacuum (psia)	Field Initial Vacuum (inHg)	Field Final Vacuum (inHg)	Lab Received Vacuum (psia)	Lab Received Vacuum (inHg)	Lab Final Vacuum / Pressure (psia)
2109065-001A	Can # 1975-2602	0.27	-29	-5	11.68	-6.15	23.34
2109065-002A	Can # 6164-750	0.26	-30	-5	12.07	-5.35	24.35
2109065-003A	Can # 1955-2586	0.25	-30	-5	12.38	-4.72	24.37
2109065-004A	Can # 1198-2531	0.26	-29	-5	12.29	-4.91	24.7
2109065-005A	Can # 1952-2583	0.24	-29	-5	13.47	-2.50	26.88
2109065-006A	Can # 1984-2611	0.26	-30	-5	13.65	-2.14	27.22



Analytical Report

Client: Farallon Consulting

WorkOrder: 2109065

Date Received: 09/01/2021 16:10

Extraction Method: TO15

Date Prepared: 09/04/2021-09/08/2021

Analytical Method: TO15

Project: 1353-062; 1571,1581,1593 Industrial Parkway West

Unit: µg/m³

TPH gas

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-1	2109065-001A	Soil Gas	08/31/2021 10:09	GC29 09072123.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
11.68	23.34	AK

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	720	1	09/08/2021 07:01
Surrogates	REC (%)	Limits		
1,2-DCA-d4	98	70-130		09/08/2021 07:01

FSS-4	2109065-002A	Soil Gas	08/31/2021 11:00	GC29 09072128.D	229159
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.07	24.35	AK

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	4100	1400	2	09/08/2021 10:34
Surrogates	REC (%)	Limits		
1,2-DCA-d4	96	70-130		09/08/2021 10:34

FSS-7	2109065-003A	Soil Gas	08/31/2021 09:27	GC29 09072125.D	229159
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.38	24.67	AK

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	7200	10	09/08/2021 08:26
Surrogates	REC (%)	Limits		
1,2-DCA-d4	98	70-130		09/08/2021 08:26



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/08/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

TPH gas

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-11	2109065-004A	Soil Gas	08/31/2021 08:37	GC29 09072124.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.29	24.70	JEM

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	2700	1400	2	09/08/2021 07:44
Surrogates	REC (%)	Limits		
1,2-DCA-d4	97	70-130		09/08/2021 07:44

FSS-13	2109065-005A	Soil Gas	08/31/2021 13:08	GC29 09032119.D	229160
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.47	26.88	JEM

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	11,000	720	1	09/04/2021 08:47
Surrogates	REC (%)	Limits		
1,2-DCA-d4	96	70-130		09/04/2021 08:47

FSS-14	2109065-006A	Soil Gas	08/31/2021 11:45	GC29 09032121.D	229160
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.65	27.22	JEM

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	11,000	7200	10	09/04/2021 10:12
Surrogates	REC (%)	Limits		
1,2-DCA-d4	94	70-130		09/04/2021 10:12



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/08/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Leak Check Compound

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-1	2109065-001A	Soil Gas	08/31/2021 10:09	GC29 09022121.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
11.68	23.34	JEM

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	100	28	1	09/03/2021 09:02
Surrogates	REC (%)	Limits		
1,2-DCA-d4	98	70-130		09/03/2021 09:02

FSS-4	2109065-002A	Soil Gas	08/31/2021 11:00	GC29 09072127.D	229159
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.07	24.35	AK

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	1500	560	20	09/08/2021 09:51
Surrogates	REC (%)	Limits		
1,2-DCA-d4	99	70-130		09/08/2021 09:51

FSS-7	2109065-003A	Soil Gas	08/31/2021 09:27	GC29 09022125.D	229159
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.38	24.67	JEM

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	470	280	10	09/03/2021 11:51
Surrogates	REC (%)	Limits		
1,2-DCA-d4	100	70-130		09/03/2021 11:51



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/08/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Leak Check Compound

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-11	2109065-004A	Soil Gas	08/31/2021 08:37	GC29 09032114.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.29	24.70	JEM

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	74,000	28,000	1000	09/04/2021 05:12
Surrogates	REC (%)	Limits		
1,2-DCA-d4	99	70-130		09/04/2021 05:12

FSS-13	2109065-005A	Soil Gas	08/31/2021 13:08	GC29 09032118.D	229160
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.47	26.88	JEM

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	1400	280	10	09/04/2021 08:04
Surrogates	REC (%)	Limits		
1,2-DCA-d4	99	70-130		09/04/2021 08:04

FSS-14	2109065-006A	Soil Gas	08/31/2021 11:45	GC29 09032121.D	229160
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.65	27.22	JEM

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	ND	280	10	09/04/2021 10:12
Surrogates	REC (%)	Limits		
1,2-DCA-d4	98	70-130		09/04/2021 10:12



Analytical Report

Client: Farallon Consulting **WorkOrder:** 2109065
Date Received: 09/01/2021 16:10 **Extraction Method:** TO15
Date Prepared: 09/03/2021-09/04/2021 **Analytical Method:** TO15
Project: 1353-062; 1571,1581,1593 Industrial Parkway West **Unit:** µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-1	2109065-001A	Soil Gas	08/31/2021 10:09	GC29 09022121.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
11.68	23.34	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	66	60	1	09/03/2021 09:02
Acrolein	ND	5.8	1	09/03/2021 09:02
Acrylonitrile	ND	1.1	1	09/03/2021 09:02
tert-Amyl methyl ether (TAME)	ND	2.1	1	09/03/2021 09:02
Benzene	ND	1.6	1	09/03/2021 09:02
Benzyl chloride	ND	2.7	1	09/03/2021 09:02
Bromodichloromethane	ND	1.4	1	09/03/2021 09:02
Bromoform	ND	5.3	1	09/03/2021 09:02
Bromomethane	ND	1.9	1	09/03/2021 09:02
1,3-Butadiene	ND	1.1	1	09/03/2021 09:02
2-Butanone (MEK)	ND	15	1	09/03/2021 09:02
t-Butyl alcohol (TBA)	ND	16	1	09/03/2021 09:02
Carbon Disulfide	ND	1.6	1	09/03/2021 09:02
Carbon Tetrachloride	ND	1.3	1	09/03/2021 09:02
Chlorobenzene	ND	2.4	1	09/03/2021 09:02
Chloroethane	ND	1.3	1	09/03/2021 09:02
Chloroform	ND	2.5	1	09/03/2021 09:02
Chloromethane	ND	1.0	1	09/03/2021 09:02
Cyclohexane	ND	18	1	09/03/2021 09:02
Dibromochloromethane	ND	4.4	1	09/03/2021 09:02
1,2-Dibromo-3-chloropropane	ND	0.12	1	09/03/2021 09:02
1,2-Dibromoethane (EDB)	ND	0.078	1	09/03/2021 09:02
1,2-Dichlorobenzene	ND	3.0	1	09/03/2021 09:02
1,3-Dichlorobenzene	ND	3.0	1	09/03/2021 09:02
1,4-Dichlorobenzene	ND	3.0	1	09/03/2021 09:02
Dichlorodifluoromethane	ND	2.5	1	09/03/2021 09:02
1,1-Dichloroethane	ND	2.0	1	09/03/2021 09:02
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	09/03/2021 09:02
1,1-Dichloroethene	ND	2.0	1	09/03/2021 09:02
cis-1,2-Dichloroethene	ND	2.0	1	09/03/2021 09:02
trans-1,2-Dichloroethene	ND	2.0	1	09/03/2021 09:02
1,2-Dichloropropane	ND	2.4	1	09/03/2021 09:02
cis-1,3-Dichloropropene	ND	2.3	1	09/03/2021 09:02
trans-1,3-Dichloropropene	ND	2.3	1	09/03/2021 09:02

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Analytical Report

Client: Farallon Consulting

Date Received: 09/01/2021 16:10

Date Prepared: 09/03/2021-09/04/2021

Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065

Extraction Method: TO15

Analytical Method: TO15

Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-1	2109065-001A	Soil Gas	08/31/2021 10:09	GC29 09022121.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
11.68	23.34	JEM

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	09/03/2021 09:02
Diisopropyl ether (DIPE)	ND	2.1	1	09/03/2021 09:02
1,4-Dioxane	ND	1.9	1	09/03/2021 09:02
Ethanol	ND	95	1	09/03/2021 09:02
Ethyl acetate	ND	1.9	1	09/03/2021 09:02
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	09/03/2021 09:02
Ethylbenzene	2.2	2.2	1	09/03/2021 09:02
4-Ethyltoluene	ND	2.5	1	09/03/2021 09:02
Freon 113	ND	3.9	1	09/03/2021 09:02
Heptane	ND	21	1	09/03/2021 09:02
Hexachlorobutadiene	ND	2.2	1	09/03/2021 09:02
Hexachloroethane	ND	4.9	1	09/03/2021 09:02
Hexane	ND	18	1	09/03/2021 09:02
2-Hexanone	ND	2.1	1	09/03/2021 09:02
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	09/03/2021 09:02
Methyl-t-butyl ether (MTBE)	ND	1.9	1	09/03/2021 09:02
Methylene chloride	ND	8.8	1	09/03/2021 09:02
Methyl methacrylate	ND	2.1	1	09/03/2021 09:02
Naphthalene	ND	2.7	1	09/03/2021 09:02
Styrene	ND	2.2	1	09/03/2021 09:02
1,1,1,2-Tetrachloroethane	ND	3.5	1	09/03/2021 09:02
1,1,2,2-Tetrachloroethane	ND	0.70	1	09/03/2021 09:02
Tetrachloroethene	5.3	3.5	1	09/03/2021 09:02
Tetrahydrofuran	ND	3.0	1	09/03/2021 09:02
Toluene	ND	1.9	1	09/03/2021 09:02
1,2,4-Trichlorobenzene	ND	3.8	1	09/03/2021 09:02
1,1,1-Trichloroethane	ND	2.8	1	09/03/2021 09:02
1,1,2-Trichloroethane	ND	2.8	1	09/03/2021 09:02
Trichloroethene	ND	2.8	1	09/03/2021 09:02
1,2,3-Trichloropropane	ND	3.1	1	09/03/2021 09:02
Trichlorofluoromethane	ND	2.9	1	09/03/2021 09:02
1,2,4-Trimethylbenzene	3.1	2.5	1	09/03/2021 09:02
1,3,5-Trimethylbenzene	ND	2.5	1	09/03/2021 09:02
Vinyl Acetate	ND	18	1	09/03/2021 09:02

(Cont.)



Analytical Report

Client: Farallon Consulting **WorkOrder:** 2109065
Date Received: 09/01/2021 16:10 **Extraction Method:** TO15
Date Prepared: 09/03/2021-09/04/2021 **Analytical Method:** TO15
Project: 1353-062; 1571,1581,1593 Industrial Parkway West **Unit:** µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-1	2109065-001A	Soil Gas	08/31/2021 10:09	GC29 09022121.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
11.68	23.34	JEM

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	09/03/2021 09:02
m,p-Xylene	7.3	4.4	1	09/03/2021 09:02
o-Xylene	ND	2.2	1	09/03/2021 09:02
Xylenes, Total	7.3	2.2	1	09/03/2021 09:02
Surrogates	REC (%)	Limits		
1,2-DCA-d4	100	70-130		09/03/2021 09:02
Toluene-d8	96	70-130		09/03/2021 09:02
4-BFB	97	70-130		09/03/2021 09:02



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/04/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-4	2109065-002A	Soil Gas	08/31/2021 11:00	GC29 09022122.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.07	24.35	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	470	120	2	09/03/2021 09:45
Acrolein	ND	12	2	09/03/2021 09:45
Acrylonitrile	ND	2.2	2	09/03/2021 09:45
tert-Amyl methyl ether (TAME)	ND	4.2	2	09/03/2021 09:45
Benzene	ND	3.2	2	09/03/2021 09:45
Benzyl chloride	ND	5.4	2	09/03/2021 09:45
Bromodichloromethane	ND	2.8	2	09/03/2021 09:45
Bromoform	ND	11	2	09/03/2021 09:45
Bromomethane	ND	3.8	2	09/03/2021 09:45
1,3-Butadiene	ND	2.2	2	09/03/2021 09:45
2-Butanone (MEK)	ND	30	2	09/03/2021 09:45
t-Butyl alcohol (TBA)	ND	32	2	09/03/2021 09:45
Carbon Disulfide	ND	3.2	2	09/03/2021 09:45
Carbon Tetrachloride	ND	2.6	2	09/03/2021 09:45
Chlorobenzene	ND	4.8	2	09/03/2021 09:45
Chloroethane	ND	2.6	2	09/03/2021 09:45
Chloroform	ND	5.0	2	09/03/2021 09:45
Chloromethane	ND	2.0	2	09/03/2021 09:45
Cyclohexane	ND	36	2	09/03/2021 09:45
Dibromochloromethane	ND	8.8	2	09/03/2021 09:45
1,2-Dibromo-3-chloropropane	ND	0.24	2	09/03/2021 09:45
1,2-Dibromoethane (EDB)	ND	0.16	2	09/03/2021 09:45
1,2-Dichlorobenzene	ND	6.0	2	09/03/2021 09:45
1,3-Dichlorobenzene	ND	6.0	2	09/03/2021 09:45
1,4-Dichlorobenzene	ND	6.0	2	09/03/2021 09:45
Dichlorodifluoromethane	ND	5.0	2	09/03/2021 09:45
1,1-Dichloroethane	ND	4.0	2	09/03/2021 09:45
1,2-Dichloroethane (1,2-DCA)	ND	4.0	2	09/03/2021 09:45
1,1-Dichloroethene	ND	4.0	2	09/03/2021 09:45
cis-1,2-Dichloroethene	ND	4.0	2	09/03/2021 09:45
trans-1,2-Dichloroethene	ND	4.0	2	09/03/2021 09:45
1,2-Dichloropropane	ND	4.8	2	09/03/2021 09:45
cis-1,3-Dichloropropene	ND	4.6	2	09/03/2021 09:45
trans-1,3-Dichloropropene	ND	4.6	2	09/03/2021 09:45

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Analytical Report

Client: Farallon Consulting

WorkOrder: 2109065

Date Received: 09/01/2021 16:10

Extraction Method: TO15

Date Prepared: 09/03/2021-09/04/2021

Analytical Method: TO15

Project: 1353-062; 1571,1581,1593 Industrial Parkway West

Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-4	2109065-002A	Soil Gas	08/31/2021 11:00	GC29 09022122.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.07	24.35	JEM

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	7.2	2	09/03/2021 09:45
Diisopropyl ether (DIPE)	ND	4.2	2	09/03/2021 09:45
1,4-Dioxane	ND	3.8	2	09/03/2021 09:45
Ethanol	190	190	2	09/03/2021 09:45
Ethyl acetate	ND	3.8	2	09/03/2021 09:45
Ethyl tert-butyl ether (ETBE)	ND	4.2	2	09/03/2021 09:45
Ethylbenzene	ND	4.4	2	09/03/2021 09:45
4-Ethyltoluene	ND	5.0	2	09/03/2021 09:45
Freon 113	ND	7.8	2	09/03/2021 09:45
Heptane	ND	42	2	09/03/2021 09:45
Hexachlorobutadiene	ND	4.4	2	09/03/2021 09:45
Hexachloroethane	ND	9.8	2	09/03/2021 09:45
Hexane	ND	36	2	09/03/2021 09:45
2-Hexanone	ND	4.2	2	09/03/2021 09:45
4-Methyl-2-pentanone (MIBK)	ND	4.2	2	09/03/2021 09:45
Methyl-t-butyl ether (MTBE)	ND	3.8	2	09/03/2021 09:45
Methylene chloride	ND	18	2	09/03/2021 09:45
Methyl methacrylate	ND	4.2	2	09/03/2021 09:45
Naphthalene	ND	5.4	2	09/03/2021 09:45
Styrene	ND	4.4	2	09/03/2021 09:45
1,1,1,2-Tetrachloroethane	ND	7.0	2	09/03/2021 09:45
1,1,2,2-Tetrachloroethane	ND	1.4	2	09/03/2021 09:45
Tetrachloroethene	27	7.0	2	09/03/2021 09:45
Tetrahydrofuran	9.3	6.0	2	09/03/2021 09:45
Toluene	ND	3.8	2	09/03/2021 09:45
1,2,4-Trichlorobenzene	ND	7.6	2	09/03/2021 09:45
1,1,1-Trichloroethane	ND	5.6	2	09/03/2021 09:45
1,1,2-Trichloroethane	ND	5.6	2	09/03/2021 09:45
Trichloroethene	ND	5.6	2	09/03/2021 09:45
1,2,3-Trichloropropane	ND	6.2	2	09/03/2021 09:45
Trichlorofluoromethane	ND	5.8	2	09/03/2021 09:45
1,2,4-Trimethylbenzene	ND	5.0	2	09/03/2021 09:45
1,3,5-Trimethylbenzene	ND	5.0	2	09/03/2021 09:45
Vinyl Acetate	ND	36	2	09/03/2021 09:45

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/04/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-4	2109065-002A	Soil Gas	08/31/2021 11:00	GC29 09022122.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.07	24.35	JEM

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.52	2	09/03/2021 09:45
m,p-Xylene	ND	8.8	2	09/03/2021 09:45
o-Xylene	ND	4.4	2	09/03/2021 09:45
Xylenes, Total	ND	4.4	2	09/03/2021 09:45
Surrogates	REC (%)	Limits		
1,2-DCA-d4	98	70-130		09/03/2021 09:45
Toluene-d8	87	70-130		09/03/2021 09:45
4-BFB	87	70-130		09/03/2021 09:45



Analytical Report

Client: Farallon Consulting

WorkOrder: 2109065

Date Received: 09/01/2021 16:10

Extraction Method: TO15

Date Prepared: 09/03/2021-09/04/2021

Analytical Method: TO15

Project: 1353-062; 1571,1581,1593 Industrial Parkway West

Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-7	2109065-003A	Soil Gas	08/31/2021 09:27	GC29 09022125.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.38	24.37	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	890	600	10	09/03/2021 11:51
Acrolein	ND	58	10	09/03/2021 11:51
Acrylonitrile	ND	11	10	09/03/2021 11:51
tert-Amyl methyl ether (TAME)	ND	21	10	09/03/2021 11:51
Benzene	ND	16	10	09/03/2021 11:51
Benzyl chloride	ND	27	10	09/03/2021 11:51
Bromodichloromethane	ND	14	10	09/03/2021 11:51
Bromoform	ND	53	10	09/03/2021 11:51
Bromomethane	ND	19	10	09/03/2021 11:51
1,3-Butadiene	ND	11	10	09/03/2021 11:51
2-Butanone (MEK)	ND	150	10	09/03/2021 11:51
t-Butyl alcohol (TBA)	ND	160	10	09/03/2021 11:51
Carbon Disulfide	ND	16	10	09/03/2021 11:51
Carbon Tetrachloride	ND	13	10	09/03/2021 11:51
Chlorobenzene	ND	24	10	09/03/2021 11:51
Chloroethane	ND	13	10	09/03/2021 11:51
Chloroform	ND	25	10	09/03/2021 11:51
Chloromethane	ND	10	10	09/03/2021 11:51
Cyclohexane	ND	180	10	09/03/2021 11:51
Dibromochloromethane	ND	44	10	09/03/2021 11:51
1,2-Dibromo-3-chloropropane	ND	1.2	10	09/03/2021 11:51
1,2-Dibromoethane (EDB)	ND	0.78	10	09/03/2021 11:51
1,2-Dichlorobenzene	ND	30	10	09/03/2021 11:51
1,3-Dichlorobenzene	ND	30	10	09/03/2021 11:51
1,4-Dichlorobenzene	ND	30	10	09/03/2021 11:51
Dichlorodifluoromethane	ND	25	10	09/03/2021 11:51
1,1-Dichloroethane	ND	20	10	09/03/2021 11:51
1,2-Dichloroethane (1,2-DCA)	ND	20	10	09/03/2021 11:51
1,1-Dichloroethene	ND	20	10	09/03/2021 11:51
cis-1,2-Dichloroethene	ND	20	10	09/03/2021 11:51
trans-1,2-Dichloroethene	ND	20	10	09/03/2021 11:51
1,2-Dichloropropane	ND	24	10	09/03/2021 11:51
cis-1,3-Dichloropropene	ND	23	10	09/03/2021 11:51
trans-1,3-Dichloropropene	ND	23	10	09/03/2021 11:51

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/04/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-7	2109065-003A	Soil Gas	08/31/2021 09:27	GC29 09022125.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.38	24.37	JEM

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	36	10	09/03/2021 11:51
Diisopropyl ether (DIPE)	ND	21	10	09/03/2021 11:51
1,4-Dioxane	ND	19	10	09/03/2021 11:51
Ethanol	ND	950	10	09/03/2021 11:51
Ethyl acetate	ND	19	10	09/03/2021 11:51
Ethyl tert-butyl ether (ETBE)	ND	21	10	09/03/2021 11:51
Ethylbenzene	ND	22	10	09/03/2021 11:51
4-Ethyltoluene	ND	25	10	09/03/2021 11:51
Freon 113	ND	39	10	09/03/2021 11:51
Heptane	ND	210	10	09/03/2021 11:51
Hexachlorobutadiene	ND	22	10	09/03/2021 11:51
Hexachloroethane	ND	49	10	09/03/2021 11:51
Hexane	ND	180	10	09/03/2021 11:51
2-Hexanone	ND	21	10	09/03/2021 11:51
4-Methyl-2-pentanone (MIBK)	ND	21	10	09/03/2021 11:51
Methyl-t-butyl ether (MTBE)	ND	19	10	09/03/2021 11:51
Methylene chloride	ND	88	10	09/03/2021 11:51
Methyl methacrylate	ND	21	10	09/03/2021 11:51
Naphthalene	ND	27	10	09/03/2021 11:51
Styrene	ND	22	10	09/03/2021 11:51
1,1,1,2-Tetrachloroethane	ND	35	10	09/03/2021 11:51
1,1,2,2-Tetrachloroethane	ND	7.0	10	09/03/2021 11:51
Tetrachloroethene	ND	35	10	09/03/2021 11:51
Tetrahydrofuran	ND	30	10	09/03/2021 11:51
Toluene	ND	19	10	09/03/2021 11:51
1,2,4-Trichlorobenzene	ND	38	10	09/03/2021 11:51
1,1,1-Trichloroethane	ND	28	10	09/03/2021 11:51
1,1,2-Trichloroethane	ND	28	10	09/03/2021 11:51
Trichloroethene	ND	28	10	09/03/2021 11:51
1,2,3-Trichloropropane	ND	31	10	09/03/2021 11:51
Trichlorofluoromethane	ND	29	10	09/03/2021 11:51
1,2,4-Trimethylbenzene	ND	25	10	09/03/2021 11:51
1,3,5-Trimethylbenzene	ND	25	10	09/03/2021 11:51
Vinyl Acetate	ND	180	10	09/03/2021 11:51

(Cont.)



Analytical Report

Client: Farallon Consulting **WorkOrder:** 2109065
Date Received: 09/01/2021 16:10 **Extraction Method:** TO15
Date Prepared: 09/03/2021-09/04/2021 **Analytical Method:** TO15
Project: 1353-062; 1571,1581,1593 Industrial Parkway West **Unit:** µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-7	2109065-003A	Soil Gas	08/31/2021 09:27	GC29 09022125.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.38	24.37	JEM

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	2.6	10	09/03/2021 11:51
m,p-Xylene	ND	44	10	09/03/2021 11:51
o-Xylene	ND	22	10	09/03/2021 11:51
Xylenes, Total	ND	22	10	09/03/2021 11:51
Surrogates	REC (%)	Limits		
1,2-DCA-d4	100	70-130		09/03/2021 11:51
Toluene-d8	95	70-130		09/03/2021 11:51
4-BFB	95	70-130		09/03/2021 11:51



Analytical Report

Client: Farallon Consulting

WorkOrder: 2109065

Date Received: 09/01/2021 16:10

Extraction Method: TO15

Date Prepared: 09/03/2021-09/04/2021

Analytical Method: TO15

Project: 1353-062; 1571,1581,1593 Industrial Parkway West

Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-11	2109065-004A	Soil Gas	08/31/2021 08:37	GC29 09022123.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.29	24.70	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	130	120	2	09/03/2021 10:27
Acrolein	ND	12	2	09/03/2021 10:27
Acrylonitrile	ND	2.2	2	09/03/2021 10:27
tert-Amyl methyl ether (TAME)	ND	4.2	2	09/03/2021 10:27
Benzene	3.4	3.2	2	09/03/2021 10:27
Benzyl chloride	ND	5.4	2	09/03/2021 10:27
Bromodichloromethane	ND	2.8	2	09/03/2021 10:27
Bromoform	ND	11	2	09/03/2021 10:27
Bromomethane	ND	3.8	2	09/03/2021 10:27
1,3-Butadiene	ND	2.2	2	09/03/2021 10:27
2-Butanone (MEK)	ND	30	2	09/03/2021 10:27
t-Butyl alcohol (TBA)	ND	32	2	09/03/2021 10:27
Carbon Disulfide	ND	3.2	2	09/03/2021 10:27
Carbon Tetrachloride	ND	2.6	2	09/03/2021 10:27
Chlorobenzene	ND	4.8	2	09/03/2021 10:27
Chloroethane	ND	2.6	2	09/03/2021 10:27
Chloroform	ND	5.0	2	09/03/2021 10:27
Chloromethane	ND	2.0	2	09/03/2021 10:27
Cyclohexane	ND	36	2	09/03/2021 10:27
Dibromochloromethane	ND	8.8	2	09/03/2021 10:27
1,2-Dibromo-3-chloropropane	ND	0.24	2	09/03/2021 10:27
1,2-Dibromoethane (EDB)	ND	0.16	2	09/03/2021 10:27
1,2-Dichlorobenzene	ND	6.0	2	09/03/2021 10:27
1,3-Dichlorobenzene	ND	6.0	2	09/03/2021 10:27
1,4-Dichlorobenzene	ND	6.0	2	09/03/2021 10:27
Dichlorodifluoromethane	ND	5.0	2	09/03/2021 10:27
1,1-Dichloroethane	ND	4.0	2	09/03/2021 10:27
1,2-Dichloroethane (1,2-DCA)	ND	4.0	2	09/03/2021 10:27
1,1-Dichloroethene	ND	4.0	2	09/03/2021 10:27
cis-1,2-Dichloroethene	ND	4.0	2	09/03/2021 10:27
trans-1,2-Dichloroethene	ND	4.0	2	09/03/2021 10:27
1,2-Dichloropropane	ND	4.8	2	09/03/2021 10:27
cis-1,3-Dichloropropene	ND	4.6	2	09/03/2021 10:27
trans-1,3-Dichloropropene	ND	4.6	2	09/03/2021 10:27

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/04/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-11	2109065-004A	Soil Gas	08/31/2021 08:37	GC29 09022123.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.29	24.70	JEM

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	7.2	2	09/03/2021 10:27
Diisopropyl ether (DIPE)	ND	4.2	2	09/03/2021 10:27
1,4-Dioxane	ND	3.8	2	09/03/2021 10:27
Ethanol	640	190	2	09/03/2021 10:27
Ethyl acetate	3.8	3.8	2	09/03/2021 10:27
Ethyl tert-butyl ether (ETBE)	ND	4.2	2	09/03/2021 10:27
Ethylbenzene	ND	4.4	2	09/03/2021 10:27
4-Ethyltoluene	ND	5.0	2	09/03/2021 10:27
Freon 113	ND	7.8	2	09/03/2021 10:27
Heptane	ND	42	2	09/03/2021 10:27
Hexachlorobutadiene	ND	4.4	2	09/03/2021 10:27
Hexachloroethane	ND	9.8	2	09/03/2021 10:27
Hexane	ND	36	2	09/03/2021 10:27
2-Hexanone	8.5	4.2	2	09/03/2021 10:27
4-Methyl-2-pentanone (MIBK)	ND	4.2	2	09/03/2021 10:27
Methyl-t-butyl ether (MTBE)	ND	3.8	2	09/03/2021 10:27
Methylene chloride	ND	18	2	09/03/2021 10:27
Methyl methacrylate	ND	4.2	2	09/03/2021 10:27
Naphthalene	ND	5.4	2	09/03/2021 10:27
Styrene	ND	4.4	2	09/03/2021 10:27
1,1,1,2-Tetrachloroethane	ND	7.0	2	09/03/2021 10:27
1,1,2,2-Tetrachloroethane	ND	1.4	2	09/03/2021 10:27
Tetrachloroethene	ND	7.0	2	09/03/2021 10:27
Tetrahydrofuran	ND	6.0	2	09/03/2021 10:27
Toluene	14	3.8	2	09/03/2021 10:27
1,2,4-Trichlorobenzene	ND	7.6	2	09/03/2021 10:27
1,1,1-Trichloroethane	ND	5.6	2	09/03/2021 10:27
1,1,2-Trichloroethane	ND	5.6	2	09/03/2021 10:27
Trichloroethene	ND	5.6	2	09/03/2021 10:27
1,2,3-Trichloropropane	ND	6.2	2	09/03/2021 10:27
Trichlorofluoromethane	ND	5.8	2	09/03/2021 10:27
1,2,4-Trimethylbenzene	ND	5.0	2	09/03/2021 10:27
1,3,5-Trimethylbenzene	ND	5.0	2	09/03/2021 10:27
Vinyl Acetate	ND	36	2	09/03/2021 10:27

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/04/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-11	2109065-004A	Soil Gas	08/31/2021 08:37	GC29 09022123.D	229159

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.29	24.70	JEM

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.52	2	09/03/2021 10:27
m,p-Xylene	14	8.8	2	09/03/2021 10:27
o-Xylene	ND	4.4	2	09/03/2021 10:27
Xylenes, Total	14	4.4	2	09/03/2021 10:27
Surrogates	REC (%)	Limits		
1,2-DCA-d4	98	70-130		09/03/2021 10:27
Toluene-d8	93	70-130		09/03/2021 10:27
4-BFB	97	70-130		09/03/2021 10:27



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/04/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-13	2109065-005A	Soil Gas	08/31/2021 13:08	GC29 09032119.D	229160

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.47	26.88	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	09/04/2021 08:47
Acrolein	ND	5.8	1	09/04/2021 08:47
Acrylonitrile	ND	1.1	1	09/04/2021 08:47
tert-Amyl methyl ether (TAME)	ND	2.1	1	09/04/2021 08:47
Benzene	ND	1.6	1	09/04/2021 08:47
Benzyl chloride	ND	2.7	1	09/04/2021 08:47
Bromodichloromethane	2.6	1.4	1	09/04/2021 08:47
Bromoform	ND	5.3	1	09/04/2021 08:47
Bromomethane	ND	1.9	1	09/04/2021 08:47
1,3-Butadiene	ND	1.1	1	09/04/2021 08:47
2-Butanone (MEK)	ND	15	1	09/04/2021 08:47
t-Butyl alcohol (TBA)	ND	16	1	09/04/2021 08:47
Carbon Disulfide	ND	1.6	1	09/04/2021 08:47
Carbon Tetrachloride	ND	1.3	1	09/04/2021 08:47
Chlorobenzene	ND	2.4	1	09/04/2021 08:47
Chloroethane	ND	1.3	1	09/04/2021 08:47
Chloroform	37	2.5	1	09/04/2021 08:47
Chloromethane	ND	1.0	1	09/04/2021 08:47
Cyclohexane	ND	18	1	09/04/2021 08:47
Dibromochloromethane	ND	4.4	1	09/04/2021 08:47
1,2-Dibromo-3-chloropropane	ND	0.12	1	09/04/2021 08:47
1,2-Dibromoethane (EDB)	ND	0.078	1	09/04/2021 08:47
1,2-Dichlorobenzene	ND	3.0	1	09/04/2021 08:47
1,3-Dichlorobenzene	ND	3.0	1	09/04/2021 08:47
1,4-Dichlorobenzene	ND	3.0	1	09/04/2021 08:47
Dichlorodifluoromethane	ND	2.5	1	09/04/2021 08:47
1,1-Dichloroethane	ND	2.0	1	09/04/2021 08:47
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	09/04/2021 08:47
1,1-Dichloroethene	ND	2.0	1	09/04/2021 08:47
cis-1,2-Dichloroethene	ND	2.0	1	09/04/2021 08:47
trans-1,2-Dichloroethene	ND	2.0	1	09/04/2021 08:47
1,2-Dichloropropane	ND	2.4	1	09/04/2021 08:47
cis-1,3-Dichloropropene	ND	2.3	1	09/04/2021 08:47
trans-1,3-Dichloropropene	ND	2.3	1	09/04/2021 08:47

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/04/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-13	2109065-005A	Soil Gas	08/31/2021 13:08	GC29 09032119.D	229160

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.47	26.88	JEM

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	09/04/2021 08:47
Diisopropyl ether (DIPE)	ND	2.1	1	09/04/2021 08:47
1,4-Dioxane	ND	1.9	1	09/04/2021 08:47
Ethanol	140	95	1	09/04/2021 08:47
Ethyl acetate	3.2	1.9	1	09/04/2021 08:47
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	09/04/2021 08:47
Ethylbenzene	3.7	2.2	1	09/04/2021 08:47
4-Ethyltoluene	ND	2.5	1	09/04/2021 08:47
Freon 113	ND	3.9	1	09/04/2021 08:47
Heptane	ND	21	1	09/04/2021 08:47
Hexachlorobutadiene	ND	2.2	1	09/04/2021 08:47
Hexachloroethane	ND	4.9	1	09/04/2021 08:47
Hexane	ND	18	1	09/04/2021 08:47
2-Hexanone	ND	2.1	1	09/04/2021 08:47
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	09/04/2021 08:47
Methyl-t-butyl ether (MTBE)	ND	1.9	1	09/04/2021 08:47
Methylene chloride	ND	8.8	1	09/04/2021 08:47
Methyl methacrylate	ND	2.1	1	09/04/2021 08:47
Naphthalene	ND	2.7	1	09/04/2021 08:47
Styrene	2.2	2.2	1	09/04/2021 08:47
1,1,1,2-Tetrachloroethane	ND	3.5	1	09/04/2021 08:47
1,1,2,2-Tetrachloroethane	ND	0.70	1	09/04/2021 08:47
Tetrachloroethene	ND	3.5	1	09/04/2021 08:47
Tetrahydrofuran	ND	3.0	1	09/04/2021 08:47
Toluene	33	1.9	1	09/04/2021 08:47
1,2,4-Trichlorobenzene	ND	3.8	1	09/04/2021 08:47
1,1,1-Trichloroethane	ND	2.8	1	09/04/2021 08:47
1,1,2-Trichloroethane	ND	2.8	1	09/04/2021 08:47
Trichloroethene	ND	2.8	1	09/04/2021 08:47
1,2,3-Trichloropropane	ND	3.1	1	09/04/2021 08:47
Trichlorofluoromethane	ND	2.9	1	09/04/2021 08:47
1,2,4-Trimethylbenzene	5.8	2.5	1	09/04/2021 08:47
1,3,5-Trimethylbenzene	ND	2.5	1	09/04/2021 08:47
Vinyl Acetate	ND	18	1	09/04/2021 08:47

(Cont.)



Analytical Report

Client: Farallon Consulting **WorkOrder:** 2109065
Date Received: 09/01/2021 16:10 **Extraction Method:** TO15
Date Prepared: 09/03/2021-09/04/2021 **Analytical Method:** TO15
Project: 1353-062; 1571,1581,1593 Industrial Parkway West **Unit:** µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-13	2109065-005A	Soil Gas	08/31/2021 13:08	GC29 09032119.D	229160

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.47	26.88	JEM

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	09/04/2021 08:47
m,p-Xylene	12	4.4	1	09/04/2021 08:47
o-Xylene	3.6	2.2	1	09/04/2021 08:47
Xylenes, Total	16	2.2	1	09/04/2021 08:47

Surrogates	REC (%)	Qualifiers	Limits	
1,2-DCA-d4	99		70-130	09/04/2021 08:47
Toluene-d8	135	S	70-130	09/04/2021 08:47
4-BFB	85		70-130	09/04/2021 08:47

Analytical Comments: c2



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/04/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-14	2109065-006A	Soil Gas	08/31/2021 11:45	GC29 09032121.D	229160

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.65	27.22	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	4500	600	10	09/04/2021 10:12
Acrolein	ND	58	10	09/04/2021 10:12
Acrylonitrile	ND	11	10	09/04/2021 10:12
tert-Amyl methyl ether (TAME)	ND	21	10	09/04/2021 10:12
Benzene	ND	16	10	09/04/2021 10:12
Benzyl chloride	ND	27	10	09/04/2021 10:12
Bromodichloromethane	ND	14	10	09/04/2021 10:12
Bromoform	ND	53	10	09/04/2021 10:12
Bromomethane	ND	19	10	09/04/2021 10:12
1,3-Butadiene	ND	11	10	09/04/2021 10:12
2-Butanone (MEK)	ND	150	10	09/04/2021 10:12
t-Butyl alcohol (TBA)	ND	160	10	09/04/2021 10:12
Carbon Disulfide	18	16	10	09/04/2021 10:12
Carbon Tetrachloride	ND	13	10	09/04/2021 10:12
Chlorobenzene	ND	24	10	09/04/2021 10:12
Chloroethane	ND	13	10	09/04/2021 10:12
Chloroform	ND	25	10	09/04/2021 10:12
Chloromethane	ND	10	10	09/04/2021 10:12
Cyclohexane	ND	180	10	09/04/2021 10:12
Dibromochloromethane	ND	44	10	09/04/2021 10:12
1,2-Dibromo-3-chloropropane	ND	1.2	10	09/04/2021 10:12
1,2-Dibromoethane (EDB)	ND	0.78	10	09/04/2021 10:12
1,2-Dichlorobenzene	ND	30	10	09/04/2021 10:12
1,3-Dichlorobenzene	ND	30	10	09/04/2021 10:12
1,4-Dichlorobenzene	ND	30	10	09/04/2021 10:12
Dichlorodifluoromethane	ND	25	10	09/04/2021 10:12
1,1-Dichloroethane	ND	20	10	09/04/2021 10:12
1,2-Dichloroethane (1,2-DCA)	ND	20	10	09/04/2021 10:12
1,1-Dichloroethene	ND	20	10	09/04/2021 10:12
cis-1,2-Dichloroethene	ND	20	10	09/04/2021 10:12
trans-1,2-Dichloroethene	ND	20	10	09/04/2021 10:12
1,2-Dichloropropane	ND	24	10	09/04/2021 10:12
cis-1,3-Dichloropropene	ND	23	10	09/04/2021 10:12
trans-1,3-Dichloropropene	ND	23	10	09/04/2021 10:12

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/04/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-14	2109065-006A	Soil Gas	08/31/2021 11:45	GC29 09032121.D	229160

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.65	27.22	JEM

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	36	10	09/04/2021 10:12
Diisopropyl ether (DIPE)	ND	21	10	09/04/2021 10:12
1,4-Dioxane	ND	19	10	09/04/2021 10:12
Ethanol	ND	950	10	09/04/2021 10:12
Ethyl acetate	ND	19	10	09/04/2021 10:12
Ethyl tert-butyl ether (ETBE)	ND	21	10	09/04/2021 10:12
Ethylbenzene	40	22	10	09/04/2021 10:12
4-Ethyltoluene	ND	25	10	09/04/2021 10:12
Freon 113	ND	39	10	09/04/2021 10:12
Heptane	ND	210	10	09/04/2021 10:12
Hexachlorobutadiene	ND	22	10	09/04/2021 10:12
Hexachloroethane	ND	49	10	09/04/2021 10:12
Hexane	ND	180	10	09/04/2021 10:12
2-Hexanone	ND	21	10	09/04/2021 10:12
4-Methyl-2-pentanone (MIBK)	110	21	10	09/04/2021 10:12
Methyl-t-butyl ether (MTBE)	ND	19	10	09/04/2021 10:12
Methylene chloride	ND	88	10	09/04/2021 10:12
Methyl methacrylate	ND	21	10	09/04/2021 10:12
Naphthalene	ND	27	10	09/04/2021 10:12
Styrene	29	22	10	09/04/2021 10:12
1,1,1,2-Tetrachloroethane	ND	35	10	09/04/2021 10:12
1,1,2,2-Tetrachloroethane	ND	7.0	10	09/04/2021 10:12
Tetrachloroethene	ND	35	10	09/04/2021 10:12
Tetrahydrofuran	ND	30	10	09/04/2021 10:12
Toluene	51	19	10	09/04/2021 10:12
1,2,4-Trichlorobenzene	ND	38	10	09/04/2021 10:12
1,1,1-Trichloroethane	ND	28	10	09/04/2021 10:12
1,1,2-Trichloroethane	ND	28	10	09/04/2021 10:12
Trichloroethene	ND	28	10	09/04/2021 10:12
1,2,3-Trichloropropane	ND	31	10	09/04/2021 10:12
Trichlorofluoromethane	ND	29	10	09/04/2021 10:12
1,2,4-Trimethylbenzene	ND	25	10	09/04/2021 10:12
1,3,5-Trimethylbenzene	ND	25	10	09/04/2021 10:12
Vinyl Acetate	ND	180	10	09/04/2021 10:12

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021-09/04/2021
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-14	2109065-006A	Soil Gas	08/31/2021 11:45	GC29 09032121.D	229160

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.65	27.22	JEM

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	2.6	10	09/04/2021 10:12
m,p-Xylene	240	44	10	09/04/2021 10:12
o-Xylene	190	22	10	09/04/2021 10:12
Xylenes, Total	430	22	10	09/04/2021 10:12
Surrogates	REC (%)	Limits		
1,2-DCA-d4	98	70-130		09/04/2021 10:12
Toluene-d8	92	70-130		09/04/2021 10:12
4-BFB	91	70-130		09/04/2021 10:12



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/07/2021
Date Analyzed: 09/07/2021
Instrument: GC29
Matrix: Soilgas
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
BatchID: 229159
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-229159

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g)	ND	720	720	-	-	-
Surrogate Recovery						
1,2-DCA-d4	985			1000	99	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(g)	9740	9150	9000	108	102	70-130	6.29	20
Surrogate Recovery								
1,2-DCA-d4	988	1000	1000	99	100	60-140	1.31	30



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109065
Date Prepared:	09/02/2021 - 09/03/2021	BatchID:	229159
Date Analyzed:	09/02/2021 - 09/03/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571,1581,1593 Industrial Parkway West	Sample ID:	MB/LCS/LCSD-229159

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	4.30	60.0	-	-	-
Acrolein	ND	1.10	5.80	-	-	-
Acrylonitrile	ND	0.660	1.10	-	-	-
tert-Amyl methyl ether (TAME)	ND	1.30	2.10	-	-	-
Benzene	ND	0.790	1.60	-	-	-
Benzyl chloride	ND	1.70	2.70	-	-	-
Bromodichloromethane	ND	0.130	1.40	-	-	-
Bromoform	ND	1.10	5.30	-	-	-
Bromomethane	ND	0.410	1.90	-	-	-
1,3-Butadiene	ND	0.980	1.10	-	-	-
2-Butanone (MEK)	ND	2.00	15.0	-	-	-
t-Butyl alcohol (TBA)	ND	1.90	16.0	-	-	-
Carbon Disulfide	ND	1.10	1.60	-	-	-
Carbon Tetrachloride	ND	0.190	1.30	-	-	-
Chlorobenzene	ND	0.590	2.40	-	-	-
Chloroethane	ND	0.350	1.30	-	-	-
Chloroform	ND	0.580	2.50	-	-	-
Chloromethane	ND	0.520	1.00	-	-	-
Cyclohexane	ND	1.60	18.0	-	-	-
Dibromochloromethane	ND	1.10	4.40	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0740	0.120	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0250	0.0780	-	-	-
1,2-Dichlorobenzene	ND	0.950	3.00	-	-	-
1,3-Dichlorobenzene	ND	0.940	3.00	-	-	-
1,4-Dichlorobenzene	ND	0.970	3.00	-	-	-
Dichlorodifluoromethane	ND	0.560	2.50	-	-	-
1,1-Dichloroethane	ND	0.500	2.00	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.580	2.00	-	-	-
1,1-Dichloroethene	ND	0.400	2.00	-	-	-
cis-1,2-Dichloroethene	ND	0.430	2.00	-	-	-
trans-1,2-Dichloroethene	ND	0.450	2.00	-	-	-
1,2-Dichloropropane	ND	0.590	2.40	-	-	-
cis-1,3-Dichloropropene	ND	0.710	2.30	-	-	-
trans-1,3-Dichloropropene	ND	0.860	2.30	-	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.80	3.60	-	-	-
Diisopropyl ether (DIPE)	ND	0.550	2.10	-	-	-
1,4-Dioxane	ND	0.710	1.90	-	-	-
Ethanol	ND	3.80	95.0	-	-	-

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Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109065
Date Prepared:	09/02/2021 - 09/03/2021	BatchID:	229159
Date Analyzed:	09/02/2021 - 09/03/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571,1581,1593 Industrial Parkway West	Sample ID:	MB/LCS/LCSD-229159

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Ethyl acetate	ND	0.630	1.90	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.680	2.10	-	-	-
Ethylbenzene	ND	0.510	2.20	-	-	-
4-Ethyltoluene	ND	0.610	2.50	-	-	-
Freon 113	ND	1.00	3.90	-	-	-
Heptane	ND	2.40	21.0	-	-	-
Hexachlorobutadiene	ND	0.380	2.20	-	-	-
Hexachloroethane	ND	2.70	4.90	-	-	-
Hexane	ND	2.20	18.0	-	-	-
2-Hexanone	ND	1.60	2.10	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.940	2.10	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.430	1.90	-	-	-
Methylene chloride	ND	0.820	8.80	-	-	-
Methyl methacrylate	ND	0.650	2.10	-	-	-
Naphthalene	ND	1.90	2.70	-	-	-
Styrene	ND	0.620	2.20	-	-	-
1,1,1,2-Tetrachloroethane	ND	1.20	3.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.100	0.700	-	-	-
Tetrachloroethene	ND	1.10	3.50	-	-	-
Tetrahydrofuran	ND	0.820	3.00	-	-	-
Toluene	ND	0.890	1.90	-	-	-
1,2,4-Trichlorobenzene	ND	2.70	3.80	-	-	-
1,1,1-Trichloroethane	ND	0.710	2.80	-	-	-
1,1,2-Trichloroethane	ND	0.850	2.80	-	-	-
Trichloroethene	ND	0.690	2.80	-	-	-
1,2,3-Trichloropropane	ND	0.890	3.10	-	-	-
Trichlorofluoromethane	ND	0.780	2.90	-	-	-
1,2,4-Trimethylbenzene	ND	1.20	2.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.730	2.50	-	-	-
Vinyl Acetate	ND	1.10	18.0	-	-	-
Vinyl Chloride	ND	0.140	0.260	-	-	-
m,p-Xylene	ND	1.10	4.40	-	-	-
o-Xylene	ND	0.390	2.20	-	-	-

(Cont.)



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/02/2021 - 09/03/2021
Date Analyzed: 09/02/2021 - 09/03/2021
Instrument: GC29
Matrix: SoilGas
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
BatchID: 229159
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-229159

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
1,2-DCA-d4	1030			1000	103	70-130
Toluene-d8	976			1000	98	70-130
4-BFB	951			1000	95	70-130



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/02/2021 - 09/03/2021
Date Analyzed: 09/02/2021 - 09/03/2021
Instrument: GC29
Matrix: SoilGas
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
BatchID: 229159
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-229159

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	14.6	14.7	12	122	122	60-140	0.0510	25
Acrolein	11.5	11.5	11.6	99	99	60-140	0.178	25
Acrylonitrile	10.9	11.1	11	99	101	60-140	1.33	25
tert-Amyl methyl ether (TAME)	18.6	18.8	21	89	90	60-140	0.883	25
Benzene	16.0	16.3	16	100	102	60-140	1.41	25
Benzyl chloride	19.2	19.7	26.6	72	74	60-140	2.55	25
Bromodichloromethane	31.0	31.6	35	88	90	60-140	1.97	25
Bromoform	41.2	42.3	52.6	78	80	60-140	2.57	25
Bromomethane	18.6	19.1	19.6	95	97	60-140	2.37	25
1,3-Butadiene	14.4	14.7	11	131	134	60-140	2.03	25
2-Butanone (MEK)	14.0	14.1	15	93	94	60-140	0.809	25
t-Butyl alcohol (TBA)	15.2	15.5	15.6	98	99	60-140	1.69	25
Carbon Disulfide	16.0	16.2	16	100	101	60-140	1.38	25
Carbon Tetrachloride	28.6	29.3	32	89	91	60-140	2.48	25
Chlorobenzene	21.7	22.0	23.6	92	93	60-140	1.79	25
Chloroethane	13.9	14.2	13.6	102	105	60-140	2.55	25
Chloroform	22.6	22.9	24.6	92	93	60-140	1.50	25
Chloromethane	9.28	9.41	10.6	88	89	60-140	1.31	25
Cyclohexane	18.2	18.6	17.6	103	106	60-140	2.01	25
Dibromochloromethane	36.7	37.4	43.6	84	86	60-140	1.91	25
1,2-Dibromo-3-chloropropane	58.1	59.6	49	119	122	60-140	2.52	25
1,2-Dibromoethane (EDB)	39.3	40.0	39	101	103	60-140	1.74	25
1,2-Dichlorobenzene	31.0	31.6	30.6	101	103	60-140	2.10	25
1,3-Dichlorobenzene	27.5	28.0	30.6	90	91	60-140	1.59	25
1,4-Dichlorobenzene	30.6	31.2	30.6	100	102	60-140	2.04	25
Dichlorodifluoromethane	22.8	23.5	25	91	94	60-140	2.67	25
1,1-Dichloroethane	19.9	20.2	20.6	97	98	60-140	1.59	25
1,2-Dichloroethane (1,2-DCA)	19.9	20.2	20.6	97	98	60-140	1.26	25
1,1-Dichloroethene	20.7	21.0	20	103	105	60-140	1.61	25
cis-1,2-Dichloroethene	18.4	18.9	20	92	95	60-140	2.83	25
trans-1,2-Dichloroethene	18.5	18.9	20	93	95	60-140	2.14	25
1,2-Dichloropropane	24.0	24.4	23.6	102	103	60-140	1.60	25
cis-1,3-Dichloropropene	20.8	21.2	23	90	92	60-140	1.63	25
trans-1,3-Dichloropropene	19.6	20.0	23	85	87	60-140	1.87	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	33.3	34.2	35.6	94	96	60-140	2.45	25
Diisopropyl ether (DIPE)	21.2	21.5	21	101	102	60-140	1.35	25
1,4-Dioxane	15.0	15.3	18.6	80	82	60-140	2.27	25
Ethanol	11.0	11.5	9.6	114	120	60-140	4.64	25

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109065
Date Prepared:	09/02/2021 - 09/03/2021	BatchID:	229159
Date Analyzed:	09/02/2021 - 09/03/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571,1581,1593 Industrial Parkway West	Sample ID:	MB/LCS/LCSD-229159

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ethyl acetate	19.5	20.0	18.6	105	108	60-140	2.87	25
Ethyl tert-butyl ether (ETBE)	20.0	20.2	21	95	96	60-140	0.887	25
Ethylbenzene	19.9	20.1	22	90	92	60-140	1.31	25
4-Ethyltoluene	23.6	23.9	25	94	95	60-140	1.35	25
Freon 113	37.4	37.6	39	96	96	60-140	0.646	25
Heptane	20.9	21.3	21	100	101	60-140	1.68	25
Hexachlorobutadiene	66.4	67.5	54	123	125	60-140	1.61	25
Hexachloroethane	33.4	34.5	49.2	68	70	60-140	3.28	25
Hexane	19.0	19.5	18	106	109	60-140	2.76	25
2-Hexanone	20.5	21.2	21	98	101	60-140	3.33	25
4-Methyl-2-pentanone (MIBK)	20.2	20.6	21	96	98	60-140	2.22	25
Methyl-t-butyl ether (MTBE)	16.9	17.1	18.6	91	92	60-140	1.42	25
Methylene chloride	15.9	16.0	17.6	90	91	60-140	0.641	25
Methyl methacrylate	17.6	17.8	20.8	84	86	60-140	1.34	25
Naphthalene	30.6	31.5	26.5	115	119	60-140	2.86	25
Styrene	20.1	20.5	21.6	93	95	60-140	1.82	25
1,1,1,2-Tetrachloroethane	31.9	32.6	35	91	93	60-140	2.17	25
1,1,2,2-Tetrachloroethane	31.0	31.5	35	88	90	60-140	1.79	25
Tetrachloroethene	34.9	35.2	34.4	101	102	60-140	0.718	25
Tetrahydrofuran	16.0	16.4	15	107	109	60-140	2.46	25
Toluene	16.6	16.7	19	87	88	60-140	0.531	25
1,2,4-Trichlorobenzene	45.8	46.3	37.6	122	123	60-140	1.01	25
1,1,1-Trichloroethane	24.5	25.0	27.6	89	91	60-140	1.93	25
1,1,2-Trichloroethane	27.4	27.9	27.6	99	101	60-140	1.83	25
Trichloroethene	26.4	26.8	27.6	96	97	60-140	1.54	25
1,2,3-Trichloropropane	28.2	28.9	30.64	92	94	60-140	2.43	25
Trichlorofluoromethane	29.9	30.5	28.6	105	107	60-140	2.03	25
1,2,4-Trimethylbenzene	22.7	22.9	25	91	92	60-140	0.937	25
1,3,5-Trimethylbenzene	22.5	22.8	25	90	91	60-140	1.21	25
Vinyl Acetate	16.3	16.8	18	91	93	60-140	2.94	25
Vinyl Chloride	13.7	14.1	13	105	109	60-140	3.09	25
m,p-Xylene	39.9	40.7	44	91	92	60-140	1.81	25
o-Xylene	21.0	21.4	22	96	97	60-140	1.65	25

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109065
Date Prepared:	09/02/2021 - 09/03/2021	BatchID:	229159
Date Analyzed:	09/02/2021 - 09/03/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571,1581,1593 Industrial Parkway West	Sample ID:	MB/LCS/LCSD-229159

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
1,2-DCA-d4	1030	1030	1000	103	103	70-130	0.0846	25
Toluene-d8	966	966	1000	97	97	70-130	0.0097	25
4-BFB	965	971	1000	96	97	70-130	0.656	25



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109065
Date Prepared:	09/03/2021 - 09/04/2021	BatchID:	229160
Date Analyzed:	09/03/2021 - 09/04/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571,1581,1593 Industrial Parkway West	Sample ID:	MB/LCS/LCSD-229160

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	4.30	60.0	-	-	-
Acrolein	ND	1.10	5.80	-	-	-
Acrylonitrile	ND	0.660	1.10	-	-	-
tert-Amyl methyl ether (TAME)	1.45,J	1.30	2.10	-	-	-
Benzene	ND	0.790	1.60	-	-	-
Benzyl chloride	ND	1.70	2.70	-	-	-
Bromodichloromethane	ND	0.130	1.40	-	-	-
Bromoform	ND	1.10	5.30	-	-	-
Bromomethane	ND	0.410	1.90	-	-	-
1,3-Butadiene	ND	0.980	1.10	-	-	-
2-Butanone (MEK)	ND	2.00	15.0	-	-	-
t-Butyl alcohol (TBA)	ND	1.90	16.0	-	-	-
Carbon Disulfide	ND	1.10	1.60	-	-	-
Carbon Tetrachloride	ND	0.190	1.30	-	-	-
Chlorobenzene	ND	0.590	2.40	-	-	-
Chloroethane	ND	0.350	1.30	-	-	-
Chloroform	ND	0.580	2.50	-	-	-
Chloromethane	0.716,J	0.520	1.00	-	-	-
Cyclohexane	ND	1.60	18.0	-	-	-
Dibromochloromethane	ND	1.10	4.40	-	-	-
1,2-Dibromo-3-chloropropane	0.385	0.0740	0.120	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0250	0.0780	-	-	-
1,2-Dichlorobenzene	ND	0.950	3.00	-	-	-
1,3-Dichlorobenzene	ND	0.940	3.00	-	-	-
1,4-Dichlorobenzene	ND	0.970	3.00	-	-	-
Dichlorodifluoromethane	ND	0.560	2.50	-	-	-
1,1-Dichloroethane	ND	0.500	2.00	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.580	2.00	-	-	-
1,1-Dichloroethene	ND	0.400	2.00	-	-	-
cis-1,2-Dichloroethene	ND	0.430	2.00	-	-	-
trans-1,2-Dichloroethene	ND	0.450	2.00	-	-	-
1,2-Dichloropropane	ND	0.590	2.40	-	-	-
cis-1,3-Dichloropropene	ND	0.710	2.30	-	-	-
trans-1,3-Dichloropropene	ND	0.860	2.30	-	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.80	3.60	-	-	-
Diisopropyl ether (DIPE)	ND	0.550	2.10	-	-	-
1,4-Dioxane	ND	0.710	1.90	-	-	-
Ethanol	ND	3.80	95.0	-	-	-

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109065
Date Prepared:	09/03/2021 - 09/04/2021	BatchID:	229160
Date Analyzed:	09/03/2021 - 09/04/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571,1581,1593 Industrial Parkway West	Sample ID:	MB/LCS/LCSD-229160

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Ethyl acetate	ND	0.630	1.90	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.680	2.10	-	-	-
Ethylbenzene	ND	0.510	2.20	-	-	-
4-Ethyltoluene	ND	0.610	2.50	-	-	-
Freon 113	ND	1.00	3.90	-	-	-
Heptane	ND	2.40	21.0	-	-	-
Hexachlorobutadiene	ND	0.380	2.20	-	-	-
Hexachloroethane	ND	2.70	4.90	-	-	-
Hexane	ND	2.20	18.0	-	-	-
2-Hexanone	ND	1.60	2.10	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.940	2.10	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.430	1.90	-	-	-
Methylene chloride	ND	0.820	8.80	-	-	-
Methyl methacrylate	ND	0.650	2.10	-	-	-
Naphthalene	ND	1.90	2.70	-	-	-
Styrene	ND	0.620	2.20	-	-	-
1,1,1,2-Tetrachloroethane	ND	1.20	3.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.100	0.700	-	-	-
Tetrachloroethene	ND	1.10	3.50	-	-	-
Tetrahydrofuran	ND	0.820	3.00	-	-	-
Toluene	ND	0.890	1.90	-	-	-
1,2,4-Trichlorobenzene	ND	2.70	3.80	-	-	-
1,1,1-Trichloroethane	ND	0.710	2.80	-	-	-
1,1,2-Trichloroethane	ND	0.850	2.80	-	-	-
Trichloroethene	ND	0.690	2.80	-	-	-
1,2,3-Trichloropropane	ND	0.890	3.10	-	-	-
Trichlorofluoromethane	ND	0.780	2.90	-	-	-
1,2,4-Trimethylbenzene	ND	1.20	2.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.730	2.50	-	-	-
Vinyl Acetate	ND	1.10	18.0	-	-	-
Vinyl Chloride	ND	0.140	0.260	-	-	-
m,p-Xylene	ND	1.10	4.40	-	-	-
o-Xylene	ND	0.390	2.20	-	-	-

(Cont.)



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/03/2021 - 09/04/2021
Date Analyzed: 09/03/2021 - 09/04/2021
Instrument: GC29
Matrix: SoilGas
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
BatchID: 229160
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-229160

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
1,2-DCA-d4	1020			1000	102	70-130
Toluene-d8	970			1000	97	70-130
4-BFB	937			1000	94	70-130



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109065
Date Prepared:	09/03/2021 - 09/04/2021	BatchID:	229160
Date Analyzed:	09/03/2021 - 09/04/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571,1581,1593 Industrial Parkway West	Sample ID:	MB/LCS/LCSD-229160

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	14.8	15.9	12	123	132	60-140	6.94	25
Acrolein	10.9	11.9	11.6	94	102	60-140	8.65	25
Acrylonitrile	11.0	11.8	11	100	107	60-140	6.74	25
tert-Amyl methyl ether (TAME)	18.1	19.2	21	86	92	60-140	6.28	25
Benzene	15.8	16.8	16	98	105	60-140	6.70	25
Benzyl chloride	18.2	19.7	26.6	69	74	60-140	7.83	25
Bromodichloromethane	30.5	32.8	35	87	94	60-140	7.14	25
Bromoform	41.2	44.0	52.6	78	84	60-140	6.57	25
Bromomethane	18.1	19.1	19.6	92	97	60-140	5.41	25
1,3-Butadiene	14.5	15.5	11	132	141,F2	60-140	6.64	25
2-Butanone (MEK)	13.8	14.6	15	92	97	60-140	5.51	25
t-Butyl alcohol (TBA)	14.9	15.9	15.6	96	102	60-140	6.08	25
Carbon Disulfide	15.7	17.0	16	98	106	60-140	7.55	25
Carbon Tetrachloride	28.3	30.5	32	88	95	60-140	7.73	25
Chlorobenzene	21.6	22.8	23.6	92	97	60-140	5.46	25
Chloroethane	13.5	14.8	13.6	99	109	60-140	9.11	25
Chloroform	22.4	23.8	24.6	91	97	60-140	6.36	25
Chloromethane	9.14	9.77	10.6	86	92	60-140	6.71	25
Cyclohexane	17.9	19.0	17.6	102	108	60-140	6.03	25
Dibromochloromethane	36.6	39.2	43.6	84	90	60-140	6.91	25
1,2-Dibromo-3-chloropropane	58.6	62.6	49	120	128	60-140	6.67	25
1,2-Dibromoethane (EDB)	39.3	41.7	39	101	107	60-140	6.05	25
1,2-Dichlorobenzene	30.8	33.0	30.6	101	108	60-140	6.87	25
1,3-Dichlorobenzene	27.7	29.0	30.6	91	95	60-140	4.43	25
1,4-Dichlorobenzene	30.8	32.6	30.6	101	106	60-140	5.43	25
Dichlorodifluoromethane	22.4	24.3	25	90	97	60-140	8.42	25
1,1-Dichloroethane	19.6	20.9	20.6	95	102	60-140	6.76	25
1,2-Dichloroethane (1,2-DCA)	19.7	21.0	20.6	96	102	60-140	6.31	25
1,1-Dichloroethene	20.4	22.0	20	102	110	60-140	7.23	25
cis-1,2-Dichloroethene	18.4	19.6	20	92	98	60-140	6.45	25
trans-1,2-Dichloroethene	18.5	19.6	20	93	98	60-140	5.39	25
1,2-Dichloropropane	23.6	25.2	23.6	100	107	60-140	6.73	25
cis-1,3-Dichloropropene	20.3	21.7	23	88	94	60-140	6.66	25
trans-1,3-Dichloropropene	19.0	20.2	23	83	88	60-140	6.17	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	33.3	36.0	35.6	94	101	60-140	7.63	25
Diisopropyl ether (DIPE)	20.6	22.1	21	98	105	60-140	6.72	25
1,4-Dioxane	14.9	15.9	18.6	80	86	60-140	6.47	25
Ethanol	11.3	12.4	9.6	118	129	60-140	9.24	25

(Cont.)



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/03/2021 - 09/04/2021
Date Analyzed: 09/03/2021 - 09/04/2021
Instrument: GC29
Matrix: SoilGas
Project: 1353-062; 1571,1581,1593 Industrial Parkway West

WorkOrder: 2109065
BatchID: 229160
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-229160

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ethyl acetate	19.4	20.6	18.6	105	111	60-140	5.68	25
Ethyl tert-butyl ether (ETBE)	19.4	20.8	21	92	99	60-140	6.80	25
Ethylbenzene	19.6	21.0	22	89	95	60-140	6.69	25
4-Ethyltoluene	23.2	25.1	25	93	101	60-140	8.04	25
Freon 113	36.7	39.5	39	94	101	60-140	7.51	25
Heptane	20.6	21.8	21	98	104	60-140	5.64	25
Hexachlorobutadiene	66.0	70.4	54	122	130	60-140	6.49	25
Hexachloroethane	33.0	35.9	49.2	67	73	60-140	8.52	25
Hexane	18.8	20.1	18	105	112	60-140	6.59	25
2-Hexanone	21.0	22.4	21	100	107	60-140	6.54	25
4-Methyl-2-pentanone (MIBK)	20.0	21.7	21	95	103	60-140	7.77	25
Methyl-t-butyl ether (MTBE)	16.5	17.7	18.6	89	95	60-140	6.84	25
Methylene chloride	15.7	16.7	17.6	89	95	60-140	6.11	25
Methyl methacrylate	17.4	18.8	20.8	83	91	60-140	8.25	25
Naphthalene	31.4	33.7	26.5	119	127	60-140	7.10	25
Styrene	19.8	21.2	21.6	92	98	60-140	6.64	25
1,1,1,2-Tetrachloroethane	32.0	34.0	35	91	97	60-140	6.21	25
1,1,2,2-Tetrachloroethane	30.7	32.6	35	88	93	60-140	5.94	25
Tetrachloroethene	35.2	37.2	34.4	102	108	60-140	5.55	25
Tetrahydrofuran	15.4	16.7	15	103	111	60-140	7.72	25
Toluene	16.4	17.2	19	86	91	60-140	4.77	25
1,2,4-Trichlorobenzene	46.5	49.6	37.6	124	132	60-140	6.38	25
1,1,1-Trichloroethane	24.0	25.8	27.6	87	93	60-140	6.98	25
1,1,2-Trichloroethane	27.2	28.9	27.6	99	105	60-140	6.10	25
Trichloroethene	26.6	28.2	27.6	96	102	60-140	6.06	25
1,2,3-Trichloropropane	27.9	29.7	30.64	91	97	60-140	6.09	25
Trichlorofluoromethane	29.5	31.9	28.6	103	112	60-140	8.05	25
1,2,4-Trimethylbenzene	22.3	23.6	25	89	94	60-140	5.75	25
1,3,5-Trimethylbenzene	22.6	23.5	25	90	94	60-140	4.24	25
Vinyl Acetate	16.5	17.1	18	92	95	60-140	3.58	25
Vinyl Chloride	14.0	15.0	13	108	115	60-140	6.58	25
m,p-Xylene	39.6	41.9	44	90	95	60-140	5.64	25
o-Xylene	20.7	22.0	22	94	100	60-140	6.25	25

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109065
Date Prepared:	09/03/2021 - 09/04/2021	BatchID:	229160
Date Analyzed:	09/03/2021 - 09/04/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571,1581,1593 Industrial Parkway West	Sample ID:	MB/LCS/LCSD-229160

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
1,2-DCA-d4	1010	1020	1000	101	102	70-130	0.874	25
Toluene-d8	957	956	1000	96	96	70-130	0.184	25
4-BFB	945	944	1000	95	94	70-130	0.120	25



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2109065

ClientCode: FCOKC

☐ WaterTrax☐ WriteOn☐ EDF☐ EQuIS☐ Dry-Weight☐ Email☐ HardCopy☐ ThirdParty☐ J-flag☐ Detection Summary☒ Excel [FormatA]

Report to:

Peter Sims
Farallon Consulting
330 Franklin Street, Ste. 200
Oakland, CA 94607
(510) 999-2142 FAX:

Email: psims@farallonconsulting.com
cc/3rd Party:
PO:
Project: 1353-062; 1571,1581,1593 Industrial
Parkway West

Bill to:

Accounts Payable
Farallon Consulting
975 5th Avenue Northwest
Issaquah, WA 98027
ap@farallonconsulting.com

Requested TAT: 5 days;

Date Received: 09/01/2021

Date Logged: 09/01/2021

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2109065-001	FSS-1	Soil Gas	8/31/2021 10:09	☐	A	A	A									
2109065-002	FSS-4	Soil Gas	8/31/2021 11:00	☐	A	A	A									
2109065-003	FSS-7	Soil Gas	8/31/2021 09:27	☐	A	A	A									
2109065-004	FSS-11	Soil Gas	8/31/2021 08:37	☐	A	A	A									
2109065-005	FSS-13	Soil Gas	8/31/2021 13:08	☐	A	A	A									
2109065-006	FSS-14	Soil Gas	8/31/2021 11:45	☐	A	A	A									

Test Legend:

1	TO15_Scan-SIM_SOIL(UG/M3)
5	
9	

2	TO15GAS_Scan-SIM_SOIL(UG/M3)
6	
10	

3	TO15-LC_SOIL(UG/M3)
7	
11	

4	
8	
12	

Project Manager: Rosa Venegas

Prepared by: Cassandra Gallegos

The following SampleIDs: 001A, 002A, 003A, 004A, 005A, 006A contain testgroup TO15+GAS_SG.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING

Project: 1353-062; 1571,1581,1593 Industrial Parkway West

Work Order: 2109065

Client Contact: Peter Sims

QC Level: LEVEL 2

Contact's Email: psims@farallonconsulting.com

Comments:

Date Logged: 9/1/2021

☐ WaterTrax ☐ WriteOn ☐ EDF ☒ Excel ☐ EQUIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
001A	FSS-1	Soil Gas	VOCs and TPHgas by TO15 for Soil Vapor	1	1L Summa	☐	☐	8/31/2021 10:09	5 days	9/9/2021		☐	
002A	FSS-4	Soil Gas	VOCs and TPHgas by TO15 for Soil Vapor	1	1L Summa	☐	☐	8/31/2021 11:00	5 days	9/9/2021		☐	
003A	FSS-7	Soil Gas	VOCs and TPHgas by TO15 for Soil Vapor	1	1L Summa	☐	☐	8/31/2021 9:27	5 days	9/9/2021		☐	
004A	FSS-11	Soil Gas	VOCs and TPHgas by TO15 for Soil Vapor	1	1L Summa	☐	☐	8/31/2021 8:37	5 days	9/9/2021		☐	
005A	FSS-13	Soil Gas	VOCs and TPHgas by TO15 for Soil Vapor	1	1L Summa	☐	☐	8/31/2021 13:08	5 days	9/9/2021		☐	
006A	FSS-14	Soil Gas	VOCs and TPHgas by TO15 for Soil Vapor	1	1L Summa	☐	☐	8/31/2021 11:45	5 days	9/9/2021		☐	

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

McCAMPBELL ANALYTICAL, INC.
 1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701
 Telephone: (877) 252-9262 / Fax: (925) 252-9269
 www.mccampbell.com main@mccampbell.com

Report To: PER SIMS Bill To: Farallon
 Company: Farallon Consulting
 Email:
 Alt Email: 1571, 1581, 1593 Industrial Parkway West Tele: 415-333-8800
 Project Name: Project#: 1353-062
 Project Location: Hayward CA PO #
 Sampler Signature: [Signature]

CHAIN OF CUSTODY RECORD
 Turn Around Time: 1 Day Rush ☐ 2 Day Rush ☐ 3 Day Rush ☒ STD ☒ Quote #
 1-Flag / MDL ESL Bottle Order #
 Delivery Format: PDF GeoTracker EDF EDD ☒ Detect Summary

Analysis Requested
 Helium Shroud SN#
 Leak Check Default is IPA
 Helium Leak Check %
 IPA, Norflorane, 1,1-difluoroethane µg/m3
 X Other (Specify) DFA
 Matrix Canister Pressure / Vacuum
 Soilgas Indoor Air Initial Final

SAMPLE ID Location / Field Point	Sampling Start		End	Canister SN#	Sample Kit / Manifold #	VOCs TO-15 (µg/m³) - See Notes	VOCs TO-17 (µg/m³) - See Notes	8010 by TO-15 (µg/m³)	TPH(g) (µg/m³)	TPH(ss) (µg/m³)	LEED: (inc. 4PCH, Formaldehyde, CO, Total VOCs)	Fixed Gas (CO, Methane, Ethane, Ethylene, Acetylene, Propane, CO) %	Fixed Gas: O₂, N₂ %	APH: Aliphatic and/or Aromatic (circle one) µg/m³	VOCs and TPH by TO15	Soilgas	Indoor Air	Canister	
	Date	Time	Time															Initial	Final
FSS-1	8/31/21	1003	1009	1975-2602	316-671											X		-29	-5
FSS-4		1040	1100	6164-750	316-1329											X		-30	-5
FSS-7		0919	0927	1955-2586	316-1333											X		-30	-5
FSS-11		0831	0837	1198-2531	316-1335											X		-29	-5
FSS-13		1301	1308	1952-2583	316-1317											X		-29	-5
FSS-14		1133	1145	1984-2611	316-1380											X		-30	-5

*MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time	Comments / Instructions
<u>[Signature]</u> Farallon	8/31/21	16:00	<u>[Signature]</u> [Name]	8/21/21	16:00	
<u>[Signature]</u> [Name]	9/1/21	10:21	<u>[Signature]</u> [Name]	9/1/21	10:21	
<u>[Signature]</u> [Name]	9/1/21	16:10	<u>[Signature]</u> [Name]	9/1/21	16:10	

Client will be charged \$56 for each unused Summa canister.



Sample Receipt Checklist

Client Name: **Farallon Consulting**
Project: **1353-062; 1571,1581,1593 Industrial Parkway West**
WorkOrder No: **2109065** Matrix: Soil Gas
Carrier: Benjamin Yslas (MAI Courier)

Date and Time Received: **9/1/2021 16:10**
Date Logged: **9/1/2021**
Received by: **Cassandra Gallegos**
Logged by: **Cassandra Gallegos**

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☐	No ☒	

Sample/Temp Blank temperature	Temp:		NA ☒
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐	No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes ☐	No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes ☐	No ☐	NA ☒

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2109103

Report Created for: Farallon Consulting

330 Franklin Street, Ste. 200
Oakland, CA 94607

Project Contact: Peter Sims

Project P.O.:

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

Project Received: 09/01/2021

Analytical Report reviewed & approved for release on 09/08/2021 by:

Susan Thompson
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1353-062; 1571,1581,1593 Industrial Pkwy
WorkOrder: 2109103

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
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Analytical Qualifiers

S	Surrogate recovery outside accepted recovery limits.
a3	Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.
a4	Reporting limits raised due to the sample's matrix prohibiting a full volume extraction.
b1	Aqueous sample that contains greater than ~1 vol. % sediment
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
c2	Surrogate recovery outside of the control limits due to matrix interference.
e2	Diesel range compounds are detected; no recognizable pattern
e7	Oil range compounds are detected.
e8	Pattern resembles kerosene/kerosene range/jet fuel range

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.
F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-1-5.0	2109103-001A	Soil	08/31/2021 14:00		GC18 09042120.D	228914
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	0.20	1	09/04/2021 19:17		
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/04/2021 19:17		
Benzene	ND	0.0050	1	09/04/2021 19:17		
Bromobenzene	ND	0.0050	1	09/04/2021 19:17		
Bromochloromethane	ND	0.0050	1	09/04/2021 19:17		
Bromodichloromethane	ND	0.0050	1	09/04/2021 19:17		
Bromoform	ND	0.0050	1	09/04/2021 19:17		
Bromomethane	ND	0.0050	1	09/04/2021 19:17		
2-Butanone (MEK)	ND	0.050	1	09/04/2021 19:17		
t-Butyl alcohol (TBA)	ND	0.050	1	09/04/2021 19:17		
n-Butyl benzene	ND	0.0050	1	09/04/2021 19:17		
sec-Butyl benzene	ND	0.0050	1	09/04/2021 19:17		
tert-Butyl benzene	ND	0.0050	1	09/04/2021 19:17		
Carbon Disulfide	ND	0.0050	1	09/04/2021 19:17		
Carbon Tetrachloride	ND	0.0050	1	09/04/2021 19:17		
Chlorobenzene	ND	0.0050	1	09/04/2021 19:17		
Chloroethane	ND	0.0050	1	09/04/2021 19:17		
Chloroform	ND	0.0050	1	09/04/2021 19:17		
Chloromethane	ND	0.0050	1	09/04/2021 19:17		
2-Chlorotoluene	ND	0.0050	1	09/04/2021 19:17		
4-Chlorotoluene	ND	0.0050	1	09/04/2021 19:17		
Dibromochloromethane	ND	0.0050	1	09/04/2021 19:17		
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/04/2021 19:17		
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/04/2021 19:17		
Dibromomethane	ND	0.0050	1	09/04/2021 19:17		
1,2-Dichlorobenzene	ND	0.0050	1	09/04/2021 19:17		
1,3-Dichlorobenzene	ND	0.0050	1	09/04/2021 19:17		
1,4-Dichlorobenzene	ND	0.0050	1	09/04/2021 19:17		
Dichlorodifluoromethane	ND	0.0050	1	09/04/2021 19:17		
1,1-Dichloroethane	ND	0.0050	1	09/04/2021 19:17		
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/04/2021 19:17		
1,1-Dichloroethene	ND	0.0050	1	09/04/2021 19:17		
cis-1,2-Dichloroethene	ND	0.0050	1	09/04/2021 19:17		
trans-1,2-Dichloroethene	ND	0.0050	1	09/04/2021 19:17		
1,2-Dichloropropane	ND	0.0050	1	09/04/2021 19:17		
1,3-Dichloropropane	ND	0.0050	1	09/04/2021 19:17		
2,2-Dichloropropane	ND	0.0050	1	09/04/2021 19:17		

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Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-1-5.0	2109103-001A	Soil	08/31/2021 14:00		GC18 09042120.D	228914
Analytes	Result	RL	DF	Date Analyzed		
1,1-Dichloropropene	ND	0.0050	1	09/04/2021 19:17		
cis-1,3-Dichloropropene	ND	0.0050	1	09/04/2021 19:17		
trans-1,3-Dichloropropene	ND	0.0050	1	09/04/2021 19:17		
Diisopropyl ether (DIPE)	ND	0.0050	1	09/04/2021 19:17		
Ethylbenzene	ND	0.0050	1	09/04/2021 19:17		
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/04/2021 19:17		
Freon 113	ND	0.0050	1	09/04/2021 19:17		
Hexachlorobutadiene	ND	0.0050	1	09/04/2021 19:17		
Hexachloroethane	ND	0.0050	1	09/04/2021 19:17		
2-Hexanone	ND	0.0050	1	09/04/2021 19:17		
Isopropylbenzene	ND	0.0050	1	09/04/2021 19:17		
4-Isopropyl toluene	ND	0.0050	1	09/04/2021 19:17		
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/04/2021 19:17		
Methylene chloride	ND	0.020	1	09/04/2021 19:17		
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/04/2021 19:17		
Naphthalene	ND	0.0050	1	09/04/2021 19:17		
n-Propyl benzene	ND	0.0050	1	09/04/2021 19:17		
Styrene	ND	0.0050	1	09/04/2021 19:17		
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/04/2021 19:17		
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/04/2021 19:17		
Tetrachloroethene	ND	0.0050	1	09/04/2021 19:17		
Toluene	ND	0.0050	1	09/04/2021 19:17		
1,2,3-Trichlorobenzene	ND	0.0050	1	09/04/2021 19:17		
1,2,4-Trichlorobenzene	ND	0.0050	1	09/04/2021 19:17		
1,1,1-Trichloroethane	ND	0.0050	1	09/04/2021 19:17		
1,1,2-Trichloroethane	ND	0.0050	1	09/04/2021 19:17		
Trichloroethene	ND	0.0050	1	09/04/2021 19:17		
Trichlorofluoromethane	ND	0.0050	1	09/04/2021 19:17		
1,2,3-Trichloropropane	ND	0.00025	1	09/04/2021 19:17		
1,2,4-Trimethylbenzene	ND	0.0050	1	09/04/2021 19:17		
1,3,5-Trimethylbenzene	ND	0.0050	1	09/04/2021 19:17		
Vinyl Chloride	ND	0.00025	1	09/04/2021 19:17		
m,p-Xylene	ND	0.0050	1	09/04/2021 19:17		
o-Xylene	ND	0.0050	1	09/04/2021 19:17		
Xylenes, Total	ND	0.0050	1	09/04/2021 19:17		

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Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-1-5.0	2109103-001A	Soil	08/31/2021 14:00	GC18 09042120.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	87	70-140		09/04/2021 19:17
Toluene-d8	92	70-140		09/04/2021 19:17
4-BFB	78	70-140		09/04/2021 19:17
Benzene-d6	92	50-140		09/04/2021 19:17
Ethylbenzene-d10	95	50-140		09/04/2021 19:17
1,2-DCB-d4	76	40-140		09/04/2021 19:17

Analyst(s): AK



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Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-2-5.0	2109103-003A	Soil	08/31/2021 14:15		GC18 09042121.D	228914
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	0.20	1	09/04/2021 19:58		
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/04/2021 19:58		
Benzene	ND	0.0050	1	09/04/2021 19:58		
Bromobenzene	ND	0.0050	1	09/04/2021 19:58		
Bromochloromethane	ND	0.0050	1	09/04/2021 19:58		
Bromodichloromethane	ND	0.0050	1	09/04/2021 19:58		
Bromoform	ND	0.0050	1	09/04/2021 19:58		
Bromomethane	ND	0.0050	1	09/04/2021 19:58		
2-Butanone (MEK)	ND	0.050	1	09/04/2021 19:58		
t-Butyl alcohol (TBA)	ND	0.050	1	09/04/2021 19:58		
n-Butyl benzene	ND	0.0050	1	09/04/2021 19:58		
sec-Butyl benzene	ND	0.0050	1	09/04/2021 19:58		
tert-Butyl benzene	ND	0.0050	1	09/04/2021 19:58		
Carbon Disulfide	ND	0.0050	1	09/04/2021 19:58		
Carbon Tetrachloride	ND	0.0050	1	09/04/2021 19:58		
Chlorobenzene	ND	0.0050	1	09/04/2021 19:58		
Chloroethane	ND	0.0050	1	09/04/2021 19:58		
Chloroform	ND	0.0050	1	09/04/2021 19:58		
Chloromethane	ND	0.0050	1	09/04/2021 19:58		
2-Chlorotoluene	ND	0.0050	1	09/04/2021 19:58		
4-Chlorotoluene	ND	0.0050	1	09/04/2021 19:58		
Dibromochloromethane	ND	0.0050	1	09/04/2021 19:58		
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/04/2021 19:58		
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/04/2021 19:58		
Dibromomethane	ND	0.0050	1	09/04/2021 19:58		
1,2-Dichlorobenzene	ND	0.0050	1	09/04/2021 19:58		
1,3-Dichlorobenzene	ND	0.0050	1	09/04/2021 19:58		
1,4-Dichlorobenzene	ND	0.0050	1	09/04/2021 19:58		
Dichlorodifluoromethane	ND	0.0050	1	09/04/2021 19:58		
1,1-Dichloroethane	ND	0.0050	1	09/04/2021 19:58		
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/04/2021 19:58		
1,1-Dichloroethene	ND	0.0050	1	09/04/2021 19:58		
cis-1,2-Dichloroethene	ND	0.0050	1	09/04/2021 19:58		
trans-1,2-Dichloroethene	ND	0.0050	1	09/04/2021 19:58		
1,2-Dichloropropane	ND	0.0050	1	09/04/2021 19:58		
1,3-Dichloropropane	ND	0.0050	1	09/04/2021 19:58		
2,2-Dichloropropane	ND	0.0050	1	09/04/2021 19:58		

(Cont.)



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WorkOrder: 2109103

Extraction Method: SW5030B

Analytical Method: SW8260B

Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-2-5.0	2109103-003A	Soil	08/31/2021 14:15	GC18 09042121.D	228914
<u>Analytes</u>	<u>Result</u>		<u>RL</u> <u>DF</u>		<u>Date Analyzed</u>
1,1-Dichloropropene	ND		0.0050 1		09/04/2021 19:58
cis-1,3-Dichloropropene	ND		0.0050 1		09/04/2021 19:58
trans-1,3-Dichloropropene	ND		0.0050 1		09/04/2021 19:58
Diisopropyl ether (DIPE)	ND		0.0050 1		09/04/2021 19:58
Ethylbenzene	ND		0.0050 1		09/04/2021 19:58
Ethyl tert-butyl ether (ETBE)	ND		0.0050 1		09/04/2021 19:58
Freon 113	ND		0.0050 1		09/04/2021 19:58
Hexachlorobutadiene	ND		0.0050 1		09/04/2021 19:58
Hexachloroethane	ND		0.0050 1		09/04/2021 19:58
2-Hexanone	ND		0.0050 1		09/04/2021 19:58
Isopropylbenzene	ND		0.0050 1		09/04/2021 19:58
4-Isopropyl toluene	ND		0.0050 1		09/04/2021 19:58
Methyl-t-butyl ether (MTBE)	ND		0.0050 1		09/04/2021 19:58
Methylene chloride	ND		0.020 1		09/04/2021 19:58
4-Methyl-2-pentanone (MIBK)	ND		0.0050 1		09/04/2021 19:58
Naphthalene	ND		0.0050 1		09/04/2021 19:58
n-Propyl benzene	ND		0.0050 1		09/04/2021 19:58
Styrene	ND		0.0050 1		09/04/2021 19:58
1,1,1,2-Tetrachloroethane	ND		0.0050 1		09/04/2021 19:58
1,1,2,2-Tetrachloroethane	ND		0.0050 1		09/04/2021 19:58
Tetrachloroethene	ND		0.0050 1		09/04/2021 19:58
Toluene	ND		0.0050 1		09/04/2021 19:58
1,2,3-Trichlorobenzene	ND		0.0050 1		09/04/2021 19:58
1,2,4-Trichlorobenzene	ND		0.0050 1		09/04/2021 19:58
1,1,1-Trichloroethane	ND		0.0050 1		09/04/2021 19:58
1,1,2-Trichloroethane	ND		0.0050 1		09/04/2021 19:58
Trichloroethene	ND		0.0050 1		09/04/2021 19:58
Trichlorofluoromethane	ND		0.0050 1		09/04/2021 19:58
1,2,3-Trichloropropane	ND		0.00025 1		09/04/2021 19:58
1,2,4-Trimethylbenzene	ND		0.0050 1		09/04/2021 19:58
1,3,5-Trimethylbenzene	ND		0.0050 1		09/04/2021 19:58
Vinyl Chloride	ND		0.00025 1		09/04/2021 19:58
m,p-Xylene	ND		0.0050 1		09/04/2021 19:58
o-Xylene	ND		0.0050 1		09/04/2021 19:58
Xylenes, Total	ND		0.0050 1		09/04/2021 19:58

(Cont.)



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Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-2-5.0	2109103-003A	Soil	08/31/2021 14:15	GC18 09042121.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	88	70-140		09/04/2021 19:58
Toluene-d8	93	70-140		09/04/2021 19:58
4-BFB	79	70-140		09/04/2021 19:58
Benzene-d6	90	50-140		09/04/2021 19:58
Ethylbenzene-d10	92	50-140		09/04/2021 19:58
1,2-DCB-d4	74	40-140		09/04/2021 19:58

Analyst(s): AK



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Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-3-4.0	2109103-004A	Soil	08/31/2021 11:30		GC18 09042122.D	228914
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	0.20	1	09/04/2021 20:39		
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/04/2021 20:39		
Benzene	ND	0.0050	1	09/04/2021 20:39		
Bromobenzene	ND	0.0050	1	09/04/2021 20:39		
Bromochloromethane	ND	0.0050	1	09/04/2021 20:39		
Bromodichloromethane	ND	0.0050	1	09/04/2021 20:39		
Bromoform	ND	0.0050	1	09/04/2021 20:39		
Bromomethane	ND	0.0050	1	09/04/2021 20:39		
2-Butanone (MEK)	ND	0.050	1	09/04/2021 20:39		
t-Butyl alcohol (TBA)	ND	0.050	1	09/04/2021 20:39		
n-Butyl benzene	ND	0.0050	1	09/04/2021 20:39		
sec-Butyl benzene	ND	0.0050	1	09/04/2021 20:39		
tert-Butyl benzene	ND	0.0050	1	09/04/2021 20:39		
Carbon Disulfide	ND	0.0050	1	09/04/2021 20:39		
Carbon Tetrachloride	ND	0.0050	1	09/04/2021 20:39		
Chlorobenzene	ND	0.0050	1	09/04/2021 20:39		
Chloroethane	ND	0.0050	1	09/04/2021 20:39		
Chloroform	ND	0.0050	1	09/04/2021 20:39		
Chloromethane	ND	0.0050	1	09/04/2021 20:39		
2-Chlorotoluene	ND	0.0050	1	09/04/2021 20:39		
4-Chlorotoluene	ND	0.0050	1	09/04/2021 20:39		
Dibromochloromethane	ND	0.0050	1	09/04/2021 20:39		
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/04/2021 20:39		
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/04/2021 20:39		
Dibromomethane	ND	0.0050	1	09/04/2021 20:39		
1,2-Dichlorobenzene	ND	0.0050	1	09/04/2021 20:39		
1,3-Dichlorobenzene	ND	0.0050	1	09/04/2021 20:39		
1,4-Dichlorobenzene	ND	0.0050	1	09/04/2021 20:39		
Dichlorodifluoromethane	ND	0.0050	1	09/04/2021 20:39		
1,1-Dichloroethane	ND	0.0050	1	09/04/2021 20:39		
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/04/2021 20:39		
1,1-Dichloroethene	ND	0.0050	1	09/04/2021 20:39		
cis-1,2-Dichloroethene	ND	0.0050	1	09/04/2021 20:39		
trans-1,2-Dichloroethene	ND	0.0050	1	09/04/2021 20:39		
1,2-Dichloropropane	ND	0.0050	1	09/04/2021 20:39		
1,3-Dichloropropane	ND	0.0050	1	09/04/2021 20:39		
2,2-Dichloropropane	ND	0.0050	1	09/04/2021 20:39		

(Cont.)



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WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-3-4.0	2109103-004A	Soil	08/31/2021 11:30		GC18 09042122.D	228914
Analytes	Result		RL	DF	Date Analyzed	
1,1-Dichloropropene	ND		0.0050	1	09/04/2021 20:39	
cis-1,3-Dichloropropene	ND		0.0050	1	09/04/2021 20:39	
trans-1,3-Dichloropropene	ND		0.0050	1	09/04/2021 20:39	
Diisopropyl ether (DIPE)	ND		0.0050	1	09/04/2021 20:39	
Ethylbenzene	ND		0.0050	1	09/04/2021 20:39	
Ethyl tert-butyl ether (ETBE)	ND		0.0050	1	09/04/2021 20:39	
Freon 113	ND		0.0050	1	09/04/2021 20:39	
Hexachlorobutadiene	ND		0.0050	1	09/04/2021 20:39	
Hexachloroethane	ND		0.0050	1	09/04/2021 20:39	
2-Hexanone	ND		0.0050	1	09/04/2021 20:39	
Isopropylbenzene	ND		0.0050	1	09/04/2021 20:39	
4-Isopropyl toluene	ND		0.0050	1	09/04/2021 20:39	
Methyl-t-butyl ether (MTBE)	ND		0.0050	1	09/04/2021 20:39	
Methylene chloride	ND		0.020	1	09/04/2021 20:39	
4-Methyl-2-pentanone (MIBK)	ND		0.0050	1	09/04/2021 20:39	
Naphthalene	ND		0.0050	1	09/04/2021 20:39	
n-Propyl benzene	ND		0.0050	1	09/04/2021 20:39	
Styrene	ND		0.0050	1	09/04/2021 20:39	
1,1,1,2-Tetrachloroethane	ND		0.0050	1	09/04/2021 20:39	
1,1,2,2-Tetrachloroethane	ND		0.0050	1	09/04/2021 20:39	
Tetrachloroethene	ND		0.0050	1	09/04/2021 20:39	
Toluene	ND		0.0050	1	09/04/2021 20:39	
1,2,3-Trichlorobenzene	ND		0.0050	1	09/04/2021 20:39	
1,2,4-Trichlorobenzene	ND		0.0050	1	09/04/2021 20:39	
1,1,1-Trichloroethane	ND		0.0050	1	09/04/2021 20:39	
1,1,2-Trichloroethane	ND		0.0050	1	09/04/2021 20:39	
Trichloroethene	ND		0.0050	1	09/04/2021 20:39	
Trichlorofluoromethane	ND		0.0050	1	09/04/2021 20:39	
1,2,3-Trichloropropane	ND		0.00025	1	09/04/2021 20:39	
1,2,4-Trimethylbenzene	ND		0.0050	1	09/04/2021 20:39	
1,3,5-Trimethylbenzene	ND		0.0050	1	09/04/2021 20:39	
Vinyl Chloride	ND		0.00025	1	09/04/2021 20:39	
m,p-Xylene	ND		0.0050	1	09/04/2021 20:39	
o-Xylene	ND		0.0050	1	09/04/2021 20:39	
Xylenes, Total	ND		0.0050	1	09/04/2021 20:39	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-3-4.0	2109103-004A	Soil	08/31/2021 11:30	GC18 09042122.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	88	70-140		09/04/2021 20:39
Toluene-d8	93	70-140		09/04/2021 20:39
4-BFB	81	70-140		09/04/2021 20:39
Benzene-d6	92	50-140		09/04/2021 20:39
Ethylbenzene-d10	95	50-140		09/04/2021 20:39
1,2-DCB-d4	75	40-140		09/04/2021 20:39

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-4-5.0	2109103-006A	Soil	08/31/2021 11:45		GC18 09042123.D	228914
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	0.20	1	09/04/2021 21:19		
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/04/2021 21:19		
Benzene	ND	0.0050	1	09/04/2021 21:19		
Bromobenzene	ND	0.0050	1	09/04/2021 21:19		
Bromochloromethane	ND	0.0050	1	09/04/2021 21:19		
Bromodichloromethane	ND	0.0050	1	09/04/2021 21:19		
Bromoform	ND	0.0050	1	09/04/2021 21:19		
Bromomethane	ND	0.0050	1	09/04/2021 21:19		
2-Butanone (MEK)	ND	0.050	1	09/04/2021 21:19		
t-Butyl alcohol (TBA)	ND	0.050	1	09/04/2021 21:19		
n-Butyl benzene	ND	0.0050	1	09/04/2021 21:19		
sec-Butyl benzene	ND	0.0050	1	09/04/2021 21:19		
tert-Butyl benzene	ND	0.0050	1	09/04/2021 21:19		
Carbon Disulfide	ND	0.0050	1	09/04/2021 21:19		
Carbon Tetrachloride	ND	0.0050	1	09/04/2021 21:19		
Chlorobenzene	ND	0.0050	1	09/04/2021 21:19		
Chloroethane	ND	0.0050	1	09/04/2021 21:19		
Chloroform	ND	0.0050	1	09/04/2021 21:19		
Chloromethane	ND	0.0050	1	09/04/2021 21:19		
2-Chlorotoluene	ND	0.0050	1	09/04/2021 21:19		
4-Chlorotoluene	ND	0.0050	1	09/04/2021 21:19		
Dibromochloromethane	ND	0.0050	1	09/04/2021 21:19		
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/04/2021 21:19		
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/04/2021 21:19		
Dibromomethane	ND	0.0050	1	09/04/2021 21:19		
1,2-Dichlorobenzene	ND	0.0050	1	09/04/2021 21:19		
1,3-Dichlorobenzene	ND	0.0050	1	09/04/2021 21:19		
1,4-Dichlorobenzene	ND	0.0050	1	09/04/2021 21:19		
Dichlorodifluoromethane	ND	0.0050	1	09/04/2021 21:19		
1,1-Dichloroethane	ND	0.0050	1	09/04/2021 21:19		
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/04/2021 21:19		
1,1-Dichloroethene	ND	0.0050	1	09/04/2021 21:19		
cis-1,2-Dichloroethene	ND	0.0050	1	09/04/2021 21:19		
trans-1,2-Dichloroethene	ND	0.0050	1	09/04/2021 21:19		
1,2-Dichloropropane	ND	0.0050	1	09/04/2021 21:19		
1,3-Dichloropropane	ND	0.0050	1	09/04/2021 21:19		
2,2-Dichloropropane	ND	0.0050	1	09/04/2021 21:19		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-4-5.0	2109103-006A	Soil	08/31/2021 11:45	GC18 09042123.D	228914
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.0050	1	09/04/2021 21:19	
cis-1,3-Dichloropropene	ND	0.0050	1	09/04/2021 21:19	
trans-1,3-Dichloropropene	ND	0.0050	1	09/04/2021 21:19	
Diisopropyl ether (DIPE)	ND	0.0050	1	09/04/2021 21:19	
Ethylbenzene	ND	0.0050	1	09/04/2021 21:19	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/04/2021 21:19	
Freon 113	ND	0.0050	1	09/04/2021 21:19	
Hexachlorobutadiene	ND	0.0050	1	09/04/2021 21:19	
Hexachloroethane	ND	0.0050	1	09/04/2021 21:19	
2-Hexanone	ND	0.0050	1	09/04/2021 21:19	
Isopropylbenzene	ND	0.0050	1	09/04/2021 21:19	
4-Isopropyl toluene	ND	0.0050	1	09/04/2021 21:19	
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/04/2021 21:19	
Methylene chloride	ND	0.020	1	09/04/2021 21:19	
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/04/2021 21:19	
Naphthalene	ND	0.0050	1	09/04/2021 21:19	
n-Propyl benzene	ND	0.0050	1	09/04/2021 21:19	
Styrene	ND	0.0050	1	09/04/2021 21:19	
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/04/2021 21:19	
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/04/2021 21:19	
Tetrachloroethene	ND	0.0050	1	09/04/2021 21:19	
Toluene	ND	0.0050	1	09/04/2021 21:19	
1,2,3-Trichlorobenzene	ND	0.0050	1	09/04/2021 21:19	
1,2,4-Trichlorobenzene	ND	0.0050	1	09/04/2021 21:19	
1,1,1-Trichloroethane	ND	0.0050	1	09/04/2021 21:19	
1,1,2-Trichloroethane	ND	0.0050	1	09/04/2021 21:19	
Trichloroethene	ND	0.0050	1	09/04/2021 21:19	
Trichlorofluoromethane	ND	0.0050	1	09/04/2021 21:19	
1,2,3-Trichloropropane	ND	0.00025	1	09/04/2021 21:19	
1,2,4-Trimethylbenzene	ND	0.0050	1	09/04/2021 21:19	
1,3,5-Trimethylbenzene	ND	0.0050	1	09/04/2021 21:19	
Vinyl Chloride	ND	0.00025	1	09/04/2021 21:19	
m,p-Xylene	ND	0.0050	1	09/04/2021 21:19	
o-Xylene	ND	0.0050	1	09/04/2021 21:19	
Xylenes, Total	ND	0.0050	1	09/04/2021 21:19	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-4-5.0	2109103-006A	Soil	08/31/2021 11:45	GC18 09042123.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	87	70-140		09/04/2021 21:19
Toluene-d8	93	70-140		09/04/2021 21:19
4-BFB	79	70-140		09/04/2021 21:19
Benzene-d6	93	50-140		09/04/2021 21:19
Ethylbenzene-d10	96	50-140		09/04/2021 21:19
1,2-DCB-d4	76	40-140		09/04/2021 21:19

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-5-5.0	2109103-008A	Soil	08/31/2021 10:45	GC18 09042124.D	228914
<u>Analytes</u>	<u>Result</u>		<u>RL</u> <u>DF</u>		<u>Date Analyzed</u>
Acetone	ND		0.20 1		09/04/2021 21:59
tert-Amyl methyl ether (TAME)	ND		0.0050 1		09/04/2021 21:59
Benzene	ND		0.0050 1		09/04/2021 21:59
Bromobenzene	ND		0.0050 1		09/04/2021 21:59
Bromochloromethane	ND		0.0050 1		09/04/2021 21:59
Bromodichloromethane	ND		0.0050 1		09/04/2021 21:59
Bromoform	ND		0.0050 1		09/04/2021 21:59
Bromomethane	ND		0.0050 1		09/04/2021 21:59
2-Butanone (MEK)	ND		0.050 1		09/04/2021 21:59
t-Butyl alcohol (TBA)	ND		0.050 1		09/04/2021 21:59
n-Butyl benzene	ND		0.0050 1		09/04/2021 21:59
sec-Butyl benzene	ND		0.0050 1		09/04/2021 21:59
tert-Butyl benzene	ND		0.0050 1		09/04/2021 21:59
Carbon Disulfide	ND		0.0050 1		09/04/2021 21:59
Carbon Tetrachloride	ND		0.0050 1		09/04/2021 21:59
Chlorobenzene	ND		0.0050 1		09/04/2021 21:59
Chloroethane	ND		0.0050 1		09/04/2021 21:59
Chloroform	ND		0.0050 1		09/04/2021 21:59
Chloromethane	ND		0.0050 1		09/04/2021 21:59
2-Chlorotoluene	ND		0.0050 1		09/04/2021 21:59
4-Chlorotoluene	ND		0.0050 1		09/04/2021 21:59
Dibromochloromethane	ND		0.0050 1		09/04/2021 21:59
1,2-Dibromo-3-chloropropane	ND		0.00050 1		09/04/2021 21:59
1,2-Dibromoethane (EDB)	ND		0.00025 1		09/04/2021 21:59
Dibromomethane	ND		0.0050 1		09/04/2021 21:59
1,2-Dichlorobenzene	ND		0.0050 1		09/04/2021 21:59
1,3-Dichlorobenzene	ND		0.0050 1		09/04/2021 21:59
1,4-Dichlorobenzene	ND		0.0050 1		09/04/2021 21:59
Dichlorodifluoromethane	ND		0.0050 1		09/04/2021 21:59
1,1-Dichloroethane	ND		0.0050 1		09/04/2021 21:59
1,2-Dichloroethane (1,2-DCA)	ND		0.00010 1		09/04/2021 21:59
1,1-Dichloroethene	ND		0.0050 1		09/04/2021 21:59
cis-1,2-Dichloroethene	ND		0.0050 1		09/04/2021 21:59
trans-1,2-Dichloroethene	ND		0.0050 1		09/04/2021 21:59
1,2-Dichloropropane	ND		0.0050 1		09/04/2021 21:59
1,3-Dichloropropane	ND		0.0050 1		09/04/2021 21:59
2,2-Dichloropropane	ND		0.0050 1		09/04/2021 21:59

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-5-5.0	2109103-008A	Soil	08/31/2021 10:45		GC18 09042124.D	228914
Analytes	Result	RL	DF	Date Analyzed		
1,1-Dichloropropene	ND	0.0050	1	09/04/2021 21:59		
cis-1,3-Dichloropropene	ND	0.0050	1	09/04/2021 21:59		
trans-1,3-Dichloropropene	ND	0.0050	1	09/04/2021 21:59		
Diisopropyl ether (DIPE)	ND	0.0050	1	09/04/2021 21:59		
Ethylbenzene	ND	0.0050	1	09/04/2021 21:59		
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/04/2021 21:59		
Freon 113	ND	0.0050	1	09/04/2021 21:59		
Hexachlorobutadiene	ND	0.0050	1	09/04/2021 21:59		
Hexachloroethane	ND	0.0050	1	09/04/2021 21:59		
2-Hexanone	ND	0.0050	1	09/04/2021 21:59		
Isopropylbenzene	ND	0.0050	1	09/04/2021 21:59		
4-Isopropyl toluene	ND	0.0050	1	09/04/2021 21:59		
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/04/2021 21:59		
Methylene chloride	ND	0.020	1	09/04/2021 21:59		
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/04/2021 21:59		
Naphthalene	ND	0.0050	1	09/04/2021 21:59		
n-Propyl benzene	ND	0.0050	1	09/04/2021 21:59		
Styrene	ND	0.0050	1	09/04/2021 21:59		
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/04/2021 21:59		
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/04/2021 21:59		
Tetrachloroethene	ND	0.0050	1	09/04/2021 21:59		
Toluene	ND	0.0050	1	09/04/2021 21:59		
1,2,3-Trichlorobenzene	ND	0.0050	1	09/04/2021 21:59		
1,2,4-Trichlorobenzene	ND	0.0050	1	09/04/2021 21:59		
1,1,1-Trichloroethane	ND	0.0050	1	09/04/2021 21:59		
1,1,2-Trichloroethane	ND	0.0050	1	09/04/2021 21:59		
Trichloroethene	ND	0.0050	1	09/04/2021 21:59		
Trichlorofluoromethane	ND	0.0050	1	09/04/2021 21:59		
1,2,3-Trichloropropane	ND	0.00025	1	09/04/2021 21:59		
1,2,4-Trimethylbenzene	ND	0.0050	1	09/04/2021 21:59		
1,3,5-Trimethylbenzene	ND	0.0050	1	09/04/2021 21:59		
Vinyl Chloride	ND	0.00025	1	09/04/2021 21:59		
m,p-Xylene	ND	0.0050	1	09/04/2021 21:59		
o-Xylene	ND	0.0050	1	09/04/2021 21:59		
Xylenes, Total	ND	0.0050	1	09/04/2021 21:59		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-5-5.0	2109103-008A	Soil	08/31/2021 10:45	GC18 09042124.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	90	70-140		09/04/2021 21:59
Toluene-d8	94	70-140		09/04/2021 21:59
4-BFB	82	70-140		09/04/2021 21:59
Benzene-d6	99	50-140		09/04/2021 21:59
Ethylbenzene-d10	100	50-140		09/04/2021 21:59
1,2-DCB-d4	80	40-140		09/04/2021 21:59

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-6-5.0	2109103-009A	Soil	08/31/2021 09:50		GC18 09042125.D	228914
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	0.20	1	09/04/2021 22:40		
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/04/2021 22:40		
Benzene	ND	0.0050	1	09/04/2021 22:40		
Bromobenzene	ND	0.0050	1	09/04/2021 22:40		
Bromochloromethane	ND	0.0050	1	09/04/2021 22:40		
Bromodichloromethane	ND	0.0050	1	09/04/2021 22:40		
Bromoform	ND	0.0050	1	09/04/2021 22:40		
Bromomethane	ND	0.0050	1	09/04/2021 22:40		
2-Butanone (MEK)	ND	0.050	1	09/04/2021 22:40		
t-Butyl alcohol (TBA)	ND	0.050	1	09/04/2021 22:40		
n-Butyl benzene	ND	0.0050	1	09/04/2021 22:40		
sec-Butyl benzene	ND	0.0050	1	09/04/2021 22:40		
tert-Butyl benzene	ND	0.0050	1	09/04/2021 22:40		
Carbon Disulfide	ND	0.0050	1	09/04/2021 22:40		
Carbon Tetrachloride	ND	0.0050	1	09/04/2021 22:40		
Chlorobenzene	ND	0.0050	1	09/04/2021 22:40		
Chloroethane	ND	0.0050	1	09/04/2021 22:40		
Chloroform	ND	0.0050	1	09/04/2021 22:40		
Chloromethane	ND	0.0050	1	09/04/2021 22:40		
2-Chlorotoluene	ND	0.0050	1	09/04/2021 22:40		
4-Chlorotoluene	ND	0.0050	1	09/04/2021 22:40		
Dibromochloromethane	ND	0.0050	1	09/04/2021 22:40		
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/04/2021 22:40		
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/04/2021 22:40		
Dibromomethane	ND	0.0050	1	09/04/2021 22:40		
1,2-Dichlorobenzene	ND	0.0050	1	09/04/2021 22:40		
1,3-Dichlorobenzene	ND	0.0050	1	09/04/2021 22:40		
1,4-Dichlorobenzene	ND	0.0050	1	09/04/2021 22:40		
Dichlorodifluoromethane	ND	0.0050	1	09/04/2021 22:40		
1,1-Dichloroethane	ND	0.0050	1	09/04/2021 22:40		
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/04/2021 22:40		
1,1-Dichloroethene	ND	0.0050	1	09/04/2021 22:40		
cis-1,2-Dichloroethene	ND	0.0050	1	09/04/2021 22:40		
trans-1,2-Dichloroethene	ND	0.0050	1	09/04/2021 22:40		
1,2-Dichloropropane	ND	0.0050	1	09/04/2021 22:40		
1,3-Dichloropropane	ND	0.0050	1	09/04/2021 22:40		
2,2-Dichloropropane	ND	0.0050	1	09/04/2021 22:40		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-6-5.0	2109103-009A	Soil	08/31/2021 09:50		GC18 09042125.D	228914
Analytes	Result		RL	DF	Date Analyzed	
1,1-Dichloropropene	ND		0.0050	1	09/04/2021 22:40	
cis-1,3-Dichloropropene	ND		0.0050	1	09/04/2021 22:40	
trans-1,3-Dichloropropene	ND		0.0050	1	09/04/2021 22:40	
Diisopropyl ether (DIPE)	ND		0.0050	1	09/04/2021 22:40	
Ethylbenzene	ND		0.0050	1	09/04/2021 22:40	
Ethyl tert-butyl ether (ETBE)	ND		0.0050	1	09/04/2021 22:40	
Freon 113	ND		0.0050	1	09/04/2021 22:40	
Hexachlorobutadiene	ND		0.0050	1	09/04/2021 22:40	
Hexachloroethane	ND		0.0050	1	09/04/2021 22:40	
2-Hexanone	ND		0.0050	1	09/04/2021 22:40	
Isopropylbenzene	ND		0.0050	1	09/04/2021 22:40	
4-Isopropyl toluene	ND		0.0050	1	09/04/2021 22:40	
Methyl-t-butyl ether (MTBE)	ND		0.0050	1	09/04/2021 22:40	
Methylene chloride	ND		0.020	1	09/04/2021 22:40	
4-Methyl-2-pentanone (MIBK)	ND		0.0050	1	09/04/2021 22:40	
Naphthalene	ND		0.0050	1	09/04/2021 22:40	
n-Propyl benzene	ND		0.0050	1	09/04/2021 22:40	
Styrene	ND		0.0050	1	09/04/2021 22:40	
1,1,1,2-Tetrachloroethane	ND		0.0050	1	09/04/2021 22:40	
1,1,2,2-Tetrachloroethane	ND		0.0050	1	09/04/2021 22:40	
Tetrachloroethene	ND		0.0050	1	09/04/2021 22:40	
Toluene	ND		0.0050	1	09/04/2021 22:40	
1,2,3-Trichlorobenzene	ND		0.0050	1	09/04/2021 22:40	
1,2,4-Trichlorobenzene	ND		0.0050	1	09/04/2021 22:40	
1,1,1-Trichloroethane	ND		0.0050	1	09/04/2021 22:40	
1,1,2-Trichloroethane	ND		0.0050	1	09/04/2021 22:40	
Trichloroethene	ND		0.0050	1	09/04/2021 22:40	
Trichlorofluoromethane	ND		0.0050	1	09/04/2021 22:40	
1,2,3-Trichloropropane	ND		0.00025	1	09/04/2021 22:40	
1,2,4-Trimethylbenzene	ND		0.0050	1	09/04/2021 22:40	
1,3,5-Trimethylbenzene	ND		0.0050	1	09/04/2021 22:40	
Vinyl Chloride	ND		0.00025	1	09/04/2021 22:40	
m,p-Xylene	ND		0.0050	1	09/04/2021 22:40	
o-Xylene	ND		0.0050	1	09/04/2021 22:40	
Xylenes, Total	ND		0.0050	1	09/04/2021 22:40	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-6-5.0	2109103-009A	Soil	08/31/2021 09:50	GC18 09042125.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	87	70-140		09/04/2021 22:40
Toluene-d8	93	70-140		09/04/2021 22:40
4-BFB	84	70-140		09/04/2021 22:40
Benzene-d6	92	50-140		09/04/2021 22:40
Ethylbenzene-d10	96	50-140		09/04/2021 22:40
1,2-DCB-d4	77	40-140		09/04/2021 22:40

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-7-5.0	2109103-011A	Soil	08/31/2021 15:40		GC18 09042126.D	228914
Analytes	Result		RL	DF	Date Analyzed	
Acetone	ND		0.20	1	09/04/2021 23:20	
tert-Amyl methyl ether (TAME)	ND		0.0050	1	09/04/2021 23:20	
Benzene	ND		0.0050	1	09/04/2021 23:20	
Bromobenzene	ND		0.0050	1	09/04/2021 23:20	
Bromochloromethane	ND		0.0050	1	09/04/2021 23:20	
Bromodichloromethane	ND		0.0050	1	09/04/2021 23:20	
Bromoform	ND		0.0050	1	09/04/2021 23:20	
Bromomethane	ND		0.0050	1	09/04/2021 23:20	
2-Butanone (MEK)	ND		0.050	1	09/04/2021 23:20	
t-Butyl alcohol (TBA)	ND		0.050	1	09/04/2021 23:20	
n-Butyl benzene	ND		0.0050	1	09/04/2021 23:20	
sec-Butyl benzene	ND		0.0050	1	09/04/2021 23:20	
tert-Butyl benzene	ND		0.0050	1	09/04/2021 23:20	
Carbon Disulfide	ND		0.0050	1	09/04/2021 23:20	
Carbon Tetrachloride	ND		0.0050	1	09/04/2021 23:20	
Chlorobenzene	ND		0.0050	1	09/04/2021 23:20	
Chloroethane	ND		0.0050	1	09/04/2021 23:20	
Chloroform	ND		0.0050	1	09/04/2021 23:20	
Chloromethane	ND		0.0050	1	09/04/2021 23:20	
2-Chlorotoluene	ND		0.0050	1	09/04/2021 23:20	
4-Chlorotoluene	ND		0.0050	1	09/04/2021 23:20	
Dibromochloromethane	ND		0.0050	1	09/04/2021 23:20	
1,2-Dibromo-3-chloropropane	ND		0.00050	1	09/04/2021 23:20	
1,2-Dibromoethane (EDB)	ND		0.00025	1	09/04/2021 23:20	
Dibromomethane	ND		0.0050	1	09/04/2021 23:20	
1,2-Dichlorobenzene	ND		0.0050	1	09/04/2021 23:20	
1,3-Dichlorobenzene	ND		0.0050	1	09/04/2021 23:20	
1,4-Dichlorobenzene	ND		0.0050	1	09/04/2021 23:20	
Dichlorodifluoromethane	ND		0.0050	1	09/04/2021 23:20	
1,1-Dichloroethane	ND		0.0050	1	09/04/2021 23:20	
1,2-Dichloroethane (1,2-DCA)	ND		0.00010	1	09/04/2021 23:20	
1,1-Dichloroethene	ND		0.0050	1	09/04/2021 23:20	
cis-1,2-Dichloroethene	ND		0.0050	1	09/04/2021 23:20	
trans-1,2-Dichloroethene	ND		0.0050	1	09/04/2021 23:20	
1,2-Dichloropropane	ND		0.0050	1	09/04/2021 23:20	
1,3-Dichloropropane	ND		0.0050	1	09/04/2021 23:20	
2,2-Dichloropropane	ND		0.0050	1	09/04/2021 23:20	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-7-5.0	2109103-011A	Soil	08/31/2021 15:40		GC18 09042126.D	228914
Analytes	Result	RL	DF	Date Analyzed		
1,1-Dichloropropene	ND	0.0050	1	09/04/2021 23:20		
cis-1,3-Dichloropropene	ND	0.0050	1	09/04/2021 23:20		
trans-1,3-Dichloropropene	ND	0.0050	1	09/04/2021 23:20		
Diisopropyl ether (DIPE)	ND	0.0050	1	09/04/2021 23:20		
Ethylbenzene	ND	0.0050	1	09/04/2021 23:20		
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/04/2021 23:20		
Freon 113	ND	0.0050	1	09/04/2021 23:20		
Hexachlorobutadiene	ND	0.0050	1	09/04/2021 23:20		
Hexachloroethane	ND	0.0050	1	09/04/2021 23:20		
2-Hexanone	ND	0.0050	1	09/04/2021 23:20		
Isopropylbenzene	ND	0.0050	1	09/04/2021 23:20		
4-Isopropyl toluene	ND	0.0050	1	09/04/2021 23:20		
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/04/2021 23:20		
Methylene chloride	ND	0.020	1	09/04/2021 23:20		
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/04/2021 23:20		
Naphthalene	ND	0.0050	1	09/04/2021 23:20		
n-Propyl benzene	ND	0.0050	1	09/04/2021 23:20		
Styrene	ND	0.0050	1	09/04/2021 23:20		
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/04/2021 23:20		
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/04/2021 23:20		
Tetrachloroethene	ND	0.0050	1	09/04/2021 23:20		
Toluene	ND	0.0050	1	09/04/2021 23:20		
1,2,3-Trichlorobenzene	ND	0.0050	1	09/04/2021 23:20		
1,2,4-Trichlorobenzene	ND	0.0050	1	09/04/2021 23:20		
1,1,1-Trichloroethane	ND	0.0050	1	09/04/2021 23:20		
1,1,2-Trichloroethane	ND	0.0050	1	09/04/2021 23:20		
Trichloroethene	ND	0.0050	1	09/04/2021 23:20		
Trichlorofluoromethane	ND	0.0050	1	09/04/2021 23:20		
1,2,3-Trichloropropane	ND	0.00025	1	09/04/2021 23:20		
1,2,4-Trimethylbenzene	ND	0.0050	1	09/04/2021 23:20		
1,3,5-Trimethylbenzene	ND	0.0050	1	09/04/2021 23:20		
Vinyl Chloride	ND	0.00025	1	09/04/2021 23:20		
m,p-Xylene	ND	0.0050	1	09/04/2021 23:20		
o-Xylene	ND	0.0050	1	09/04/2021 23:20		
Xylenes, Total	ND	0.0050	1	09/04/2021 23:20		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-7-5.0	2109103-011A	Soil	08/31/2021 15:40	GC18 09042126.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	88	70-140		09/04/2021 23:20
Toluene-d8	93	70-140		09/04/2021 23:20
4-BFB	80	70-140		09/04/2021 23:20
Benzene-d6	96	50-140		09/04/2021 23:20
Ethylbenzene-d10	98	50-140		09/04/2021 23:20
1,2-DCB-d4	79	40-140		09/04/2021 23:20

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-8-7.0	2109103-014A	Soil	08/30/2021 10:45		GC18 09042127.D	228914
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	0.20	1	09/05/2021 00:01		
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/05/2021 00:01		
Benzene	ND	0.0050	1	09/05/2021 00:01		
Bromobenzene	ND	0.0050	1	09/05/2021 00:01		
Bromochloromethane	ND	0.0050	1	09/05/2021 00:01		
Bromodichloromethane	ND	0.0050	1	09/05/2021 00:01		
Bromoform	ND	0.0050	1	09/05/2021 00:01		
Bromomethane	ND	0.0050	1	09/05/2021 00:01		
2-Butanone (MEK)	ND	0.050	1	09/05/2021 00:01		
t-Butyl alcohol (TBA)	ND	0.050	1	09/05/2021 00:01		
n-Butyl benzene	ND	0.0050	1	09/05/2021 00:01		
sec-Butyl benzene	ND	0.0050	1	09/05/2021 00:01		
tert-Butyl benzene	ND	0.0050	1	09/05/2021 00:01		
Carbon Disulfide	ND	0.0050	1	09/05/2021 00:01		
Carbon Tetrachloride	ND	0.0050	1	09/05/2021 00:01		
Chlorobenzene	ND	0.0050	1	09/05/2021 00:01		
Chloroethane	ND	0.0050	1	09/05/2021 00:01		
Chloroform	ND	0.0050	1	09/05/2021 00:01		
Chloromethane	ND	0.0050	1	09/05/2021 00:01		
2-Chlorotoluene	ND	0.0050	1	09/05/2021 00:01		
4-Chlorotoluene	ND	0.0050	1	09/05/2021 00:01		
Dibromochloromethane	ND	0.0050	1	09/05/2021 00:01		
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/05/2021 00:01		
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/05/2021 00:01		
Dibromomethane	ND	0.0050	1	09/05/2021 00:01		
1,2-Dichlorobenzene	ND	0.0050	1	09/05/2021 00:01		
1,3-Dichlorobenzene	ND	0.0050	1	09/05/2021 00:01		
1,4-Dichlorobenzene	ND	0.0050	1	09/05/2021 00:01		
Dichlorodifluoromethane	ND	0.0050	1	09/05/2021 00:01		
1,1-Dichloroethane	ND	0.0050	1	09/05/2021 00:01		
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/05/2021 00:01		
1,1-Dichloroethene	ND	0.0050	1	09/05/2021 00:01		
cis-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 00:01		
trans-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 00:01		
1,2-Dichloropropane	ND	0.0050	1	09/05/2021 00:01		
1,3-Dichloropropane	ND	0.0050	1	09/05/2021 00:01		
2,2-Dichloropropane	ND	0.0050	1	09/05/2021 00:01		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-8-7.0	2109103-014A	Soil	08/30/2021 10:45	GC18 09042127.D	228914
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.0050	1	09/05/2021 00:01	
cis-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 00:01	
trans-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 00:01	
Diisopropyl ether (DIPE)	ND	0.0050	1	09/05/2021 00:01	
Ethylbenzene	0.0085	0.0050	1	09/05/2021 00:01	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/05/2021 00:01	
Freon 113	ND	0.0050	1	09/05/2021 00:01	
Hexachlorobutadiene	ND	0.0050	1	09/05/2021 00:01	
Hexachloroethane	ND	0.0050	1	09/05/2021 00:01	
2-Hexanone	ND	0.0050	1	09/05/2021 00:01	
Isopropylbenzene	ND	0.0050	1	09/05/2021 00:01	
4-Isopropyl toluene	ND	0.0050	1	09/05/2021 00:01	
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/05/2021 00:01	
Methylene chloride	ND	0.020	1	09/05/2021 00:01	
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/05/2021 00:01	
Naphthalene	ND	0.0050	1	09/05/2021 00:01	
n-Propyl benzene	ND	0.0050	1	09/05/2021 00:01	
Styrene	ND	0.0050	1	09/05/2021 00:01	
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 00:01	
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 00:01	
Tetrachloroethene	ND	0.0050	1	09/05/2021 00:01	
Toluene	ND	0.0050	1	09/05/2021 00:01	
1,2,3-Trichlorobenzene	ND	0.0050	1	09/05/2021 00:01	
1,2,4-Trichlorobenzene	ND	0.0050	1	09/05/2021 00:01	
1,1,1-Trichloroethane	ND	0.0050	1	09/05/2021 00:01	
1,1,2-Trichloroethane	ND	0.0050	1	09/05/2021 00:01	
Trichloroethene	ND	0.0050	1	09/05/2021 00:01	
Trichlorofluoromethane	ND	0.0050	1	09/05/2021 00:01	
1,2,3-Trichloropropane	ND	0.00025	1	09/05/2021 00:01	
1,2,4-Trimethylbenzene	ND	0.0050	1	09/05/2021 00:01	
1,3,5-Trimethylbenzene	ND	0.0050	1	09/05/2021 00:01	
Vinyl Chloride	ND	0.00025	1	09/05/2021 00:01	
m,p-Xylene	ND	0.0050	1	09/05/2021 00:01	
o-Xylene	ND	0.0050	1	09/05/2021 00:01	
Xylenes, Total	ND	0.0050	1	09/05/2021 00:01	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-8-7.0	2109103-014A	Soil	08/30/2021 10:45	GC18 09042127.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	88	70-140		09/05/2021 00:01
Toluene-d8	93	70-140		09/05/2021 00:01
4-BFB	82	70-140		09/05/2021 00:01
Benzene-d6	89	50-140		09/05/2021 00:01
Ethylbenzene-d10	92	50-140		09/05/2021 00:01
1,2-DCB-d4	75	40-140		09/05/2021 00:01

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-9-5.0	2109103-016A	Soil	08/31/2021 08:30		GC18 09042128.D	228914
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	0.20	1	09/05/2021 00:41		
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/05/2021 00:41		
Benzene	ND	0.0050	1	09/05/2021 00:41		
Bromobenzene	ND	0.0050	1	09/05/2021 00:41		
Bromochloromethane	ND	0.0050	1	09/05/2021 00:41		
Bromodichloromethane	ND	0.0050	1	09/05/2021 00:41		
Bromoform	ND	0.0050	1	09/05/2021 00:41		
Bromomethane	ND	0.0050	1	09/05/2021 00:41		
2-Butanone (MEK)	ND	0.050	1	09/05/2021 00:41		
t-Butyl alcohol (TBA)	ND	0.050	1	09/05/2021 00:41		
n-Butyl benzene	ND	0.0050	1	09/05/2021 00:41		
sec-Butyl benzene	ND	0.0050	1	09/05/2021 00:41		
tert-Butyl benzene	ND	0.0050	1	09/05/2021 00:41		
Carbon Disulfide	ND	0.0050	1	09/05/2021 00:41		
Carbon Tetrachloride	ND	0.0050	1	09/05/2021 00:41		
Chlorobenzene	ND	0.0050	1	09/05/2021 00:41		
Chloroethane	ND	0.0050	1	09/05/2021 00:41		
Chloroform	ND	0.0050	1	09/05/2021 00:41		
Chloromethane	ND	0.0050	1	09/05/2021 00:41		
2-Chlorotoluene	ND	0.0050	1	09/05/2021 00:41		
4-Chlorotoluene	ND	0.0050	1	09/05/2021 00:41		
Dibromochloromethane	ND	0.0050	1	09/05/2021 00:41		
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/05/2021 00:41		
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/05/2021 00:41		
Dibromomethane	ND	0.0050	1	09/05/2021 00:41		
1,2-Dichlorobenzene	ND	0.0050	1	09/05/2021 00:41		
1,3-Dichlorobenzene	ND	0.0050	1	09/05/2021 00:41		
1,4-Dichlorobenzene	ND	0.0050	1	09/05/2021 00:41		
Dichlorodifluoromethane	ND	0.0050	1	09/05/2021 00:41		
1,1-Dichloroethane	ND	0.0050	1	09/05/2021 00:41		
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/05/2021 00:41		
1,1-Dichloroethene	ND	0.0050	1	09/05/2021 00:41		
cis-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 00:41		
trans-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 00:41		
1,2-Dichloropropane	ND	0.0050	1	09/05/2021 00:41		
1,3-Dichloropropane	ND	0.0050	1	09/05/2021 00:41		
2,2-Dichloropropane	ND	0.0050	1	09/05/2021 00:41		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-9-5.0	2109103-016A	Soil	08/31/2021 08:30	GC18 09042128.D	228914
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.0050	1	09/05/2021 00:41	
cis-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 00:41	
trans-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 00:41	
Diisopropyl ether (DIPE)	ND	0.0050	1	09/05/2021 00:41	
Ethylbenzene	ND	0.0050	1	09/05/2021 00:41	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/05/2021 00:41	
Freon 113	ND	0.0050	1	09/05/2021 00:41	
Hexachlorobutadiene	ND	0.0050	1	09/05/2021 00:41	
Hexachloroethane	ND	0.0050	1	09/05/2021 00:41	
2-Hexanone	ND	0.0050	1	09/05/2021 00:41	
Isopropylbenzene	ND	0.0050	1	09/05/2021 00:41	
4-Isopropyl toluene	ND	0.0050	1	09/05/2021 00:41	
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/05/2021 00:41	
Methylene chloride	ND	0.020	1	09/05/2021 00:41	
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/05/2021 00:41	
Naphthalene	ND	0.0050	1	09/05/2021 00:41	
n-Propyl benzene	ND	0.0050	1	09/05/2021 00:41	
Styrene	ND	0.0050	1	09/05/2021 00:41	
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 00:41	
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 00:41	
Tetrachloroethene	ND	0.0050	1	09/05/2021 00:41	
Toluene	ND	0.0050	1	09/05/2021 00:41	
1,2,3-Trichlorobenzene	ND	0.0050	1	09/05/2021 00:41	
1,2,4-Trichlorobenzene	ND	0.0050	1	09/05/2021 00:41	
1,1,1-Trichloroethane	ND	0.0050	1	09/05/2021 00:41	
1,1,2-Trichloroethane	ND	0.0050	1	09/05/2021 00:41	
Trichloroethene	ND	0.0050	1	09/05/2021 00:41	
Trichlorofluoromethane	ND	0.0050	1	09/05/2021 00:41	
1,2,3-Trichloropropane	ND	0.00025	1	09/05/2021 00:41	
1,2,4-Trimethylbenzene	ND	0.0050	1	09/05/2021 00:41	
1,3,5-Trimethylbenzene	ND	0.0050	1	09/05/2021 00:41	
Vinyl Chloride	ND	0.00025	1	09/05/2021 00:41	
m,p-Xylene	ND	0.0050	1	09/05/2021 00:41	
o-Xylene	ND	0.0050	1	09/05/2021 00:41	
Xylenes, Total	ND	0.0050	1	09/05/2021 00:41	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-9-5.0	2109103-016A	Soil	08/31/2021 08:30	GC18 09042128.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	88	70-140		09/05/2021 00:41
Toluene-d8	95	70-140		09/05/2021 00:41
4-BFB	81	70-140		09/05/2021 00:41
Benzene-d6	92	50-140		09/05/2021 00:41
Ethylbenzene-d10	96	50-140		09/05/2021 00:41
1,2-DCB-d4	75	40-140		09/05/2021 00:41

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-10-5.0	2109103-018A	Soil	08/31/2021 11:50	GC18 09042129.D	228914
Analytes	Result	RL	DF	Date Analyzed	
Acetone	ND	0.20	1	09/05/2021 01:21	
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/05/2021 01:21	
Benzene	ND	0.0050	1	09/05/2021 01:21	
Bromobenzene	ND	0.0050	1	09/05/2021 01:21	
Bromochloromethane	ND	0.0050	1	09/05/2021 01:21	
Bromodichloromethane	ND	0.0050	1	09/05/2021 01:21	
Bromoform	ND	0.0050	1	09/05/2021 01:21	
Bromomethane	ND	0.0050	1	09/05/2021 01:21	
2-Butanone (MEK)	ND	0.050	1	09/05/2021 01:21	
t-Butyl alcohol (TBA)	ND	0.050	1	09/05/2021 01:21	
n-Butyl benzene	ND	0.0050	1	09/05/2021 01:21	
sec-Butyl benzene	ND	0.0050	1	09/05/2021 01:21	
tert-Butyl benzene	ND	0.0050	1	09/05/2021 01:21	
Carbon Disulfide	ND	0.0050	1	09/05/2021 01:21	
Carbon Tetrachloride	ND	0.0050	1	09/05/2021 01:21	
Chlorobenzene	ND	0.0050	1	09/05/2021 01:21	
Chloroethane	ND	0.0050	1	09/05/2021 01:21	
Chloroform	ND	0.0050	1	09/05/2021 01:21	
Chloromethane	ND	0.0050	1	09/05/2021 01:21	
2-Chlorotoluene	ND	0.0050	1	09/05/2021 01:21	
4-Chlorotoluene	ND	0.0050	1	09/05/2021 01:21	
Dibromochloromethane	ND	0.0050	1	09/05/2021 01:21	
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/05/2021 01:21	
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/05/2021 01:21	
Dibromomethane	ND	0.0050	1	09/05/2021 01:21	
1,2-Dichlorobenzene	ND	0.0050	1	09/05/2021 01:21	
1,3-Dichlorobenzene	ND	0.0050	1	09/05/2021 01:21	
1,4-Dichlorobenzene	ND	0.0050	1	09/05/2021 01:21	
Dichlorodifluoromethane	ND	0.0050	1	09/05/2021 01:21	
1,1-Dichloroethane	ND	0.0050	1	09/05/2021 01:21	
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/05/2021 01:21	
1,1-Dichloroethene	ND	0.0050	1	09/05/2021 01:21	
cis-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 01:21	
trans-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 01:21	
1,2-Dichloropropane	ND	0.0050	1	09/05/2021 01:21	
1,3-Dichloropropane	ND	0.0050	1	09/05/2021 01:21	
2,2-Dichloropropane	ND	0.0050	1	09/05/2021 01:21	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-10-5.0	2109103-018A	Soil	08/31/2021 11:50	GC18 09042129.D	228914
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.0050	1	09/05/2021 01:21	
cis-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 01:21	
trans-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 01:21	
Diisopropyl ether (DIPE)	ND	0.0050	1	09/05/2021 01:21	
Ethylbenzene	ND	0.0050	1	09/05/2021 01:21	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/05/2021 01:21	
Freon 113	ND	0.0050	1	09/05/2021 01:21	
Hexachlorobutadiene	ND	0.0050	1	09/05/2021 01:21	
Hexachloroethane	ND	0.0050	1	09/05/2021 01:21	
2-Hexanone	ND	0.0050	1	09/05/2021 01:21	
Isopropylbenzene	ND	0.0050	1	09/05/2021 01:21	
4-Isopropyl toluene	ND	0.0050	1	09/05/2021 01:21	
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/05/2021 01:21	
Methylene chloride	ND	0.020	1	09/05/2021 01:21	
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/05/2021 01:21	
Naphthalene	ND	0.0050	1	09/05/2021 01:21	
n-Propyl benzene	ND	0.0050	1	09/05/2021 01:21	
Styrene	ND	0.0050	1	09/05/2021 01:21	
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 01:21	
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 01:21	
Tetrachloroethene	ND	0.0050	1	09/05/2021 01:21	
Toluene	ND	0.0050	1	09/05/2021 01:21	
1,2,3-Trichlorobenzene	ND	0.0050	1	09/05/2021 01:21	
1,2,4-Trichlorobenzene	ND	0.0050	1	09/05/2021 01:21	
1,1,1-Trichloroethane	ND	0.0050	1	09/05/2021 01:21	
1,1,2-Trichloroethane	ND	0.0050	1	09/05/2021 01:21	
Trichloroethene	ND	0.0050	1	09/05/2021 01:21	
Trichlorofluoromethane	ND	0.0050	1	09/05/2021 01:21	
1,2,3-Trichloropropane	ND	0.00025	1	09/05/2021 01:21	
1,2,4-Trimethylbenzene	ND	0.0050	1	09/05/2021 01:21	
1,3,5-Trimethylbenzene	ND	0.0050	1	09/05/2021 01:21	
Vinyl Chloride	ND	0.00025	1	09/05/2021 01:21	
m,p-Xylene	ND	0.0050	1	09/05/2021 01:21	
o-Xylene	ND	0.0050	1	09/05/2021 01:21	
Xylenes, Total	ND	0.0050	1	09/05/2021 01:21	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-10-5.0	2109103-018A	Soil	08/31/2021 11:50	GC18 09042129.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	88	70-140		09/05/2021 01:21
Toluene-d8	95	70-140		09/05/2021 01:21
4-BFB	84	70-140		09/05/2021 01:21
Benzene-d6	94	50-140		09/05/2021 01:21
Ethylbenzene-d10	97	50-140		09/05/2021 01:21
1,2-DCB-d4	76	40-140		09/05/2021 01:21

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-11-5.0	2109103-020A	Soil	08/30/2021 13:30		GC18 09042130.D	228914
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	0.20	1	09/05/2021 02:01		
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/05/2021 02:01		
Benzene	ND	0.0050	1	09/05/2021 02:01		
Bromobenzene	ND	0.0050	1	09/05/2021 02:01		
Bromochloromethane	ND	0.0050	1	09/05/2021 02:01		
Bromodichloromethane	ND	0.0050	1	09/05/2021 02:01		
Bromoform	ND	0.0050	1	09/05/2021 02:01		
Bromomethane	ND	0.0050	1	09/05/2021 02:01		
2-Butanone (MEK)	ND	0.050	1	09/05/2021 02:01		
t-Butyl alcohol (TBA)	ND	0.050	1	09/05/2021 02:01		
n-Butyl benzene	ND	0.0050	1	09/05/2021 02:01		
sec-Butyl benzene	ND	0.0050	1	09/05/2021 02:01		
tert-Butyl benzene	ND	0.0050	1	09/05/2021 02:01		
Carbon Disulfide	ND	0.0050	1	09/05/2021 02:01		
Carbon Tetrachloride	ND	0.0050	1	09/05/2021 02:01		
Chlorobenzene	ND	0.0050	1	09/05/2021 02:01		
Chloroethane	ND	0.0050	1	09/05/2021 02:01		
Chloroform	ND	0.0050	1	09/05/2021 02:01		
Chloromethane	ND	0.0050	1	09/05/2021 02:01		
2-Chlorotoluene	ND	0.0050	1	09/05/2021 02:01		
4-Chlorotoluene	ND	0.0050	1	09/05/2021 02:01		
Dibromochloromethane	ND	0.0050	1	09/05/2021 02:01		
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/05/2021 02:01		
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/05/2021 02:01		
Dibromomethane	ND	0.0050	1	09/05/2021 02:01		
1,2-Dichlorobenzene	ND	0.0050	1	09/05/2021 02:01		
1,3-Dichlorobenzene	ND	0.0050	1	09/05/2021 02:01		
1,4-Dichlorobenzene	ND	0.0050	1	09/05/2021 02:01		
Dichlorodifluoromethane	ND	0.0050	1	09/05/2021 02:01		
1,1-Dichloroethane	ND	0.0050	1	09/05/2021 02:01		
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/05/2021 02:01		
1,1-Dichloroethene	ND	0.0050	1	09/05/2021 02:01		
cis-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 02:01		
trans-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 02:01		
1,2-Dichloropropane	ND	0.0050	1	09/05/2021 02:01		
1,3-Dichloropropane	ND	0.0050	1	09/05/2021 02:01		
2,2-Dichloropropane	ND	0.0050	1	09/05/2021 02:01		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-11-5.0	2109103-020A	Soil	08/30/2021 13:30	GC18 09042130.D	228914
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.0050	1	09/05/2021 02:01	
cis-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 02:01	
trans-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 02:01	
Diisopropyl ether (DIPE)	ND	0.0050	1	09/05/2021 02:01	
Ethylbenzene	ND	0.0050	1	09/05/2021 02:01	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/05/2021 02:01	
Freon 113	ND	0.0050	1	09/05/2021 02:01	
Hexachlorobutadiene	ND	0.0050	1	09/05/2021 02:01	
Hexachloroethane	ND	0.0050	1	09/05/2021 02:01	
2-Hexanone	ND	0.0050	1	09/05/2021 02:01	
Isopropylbenzene	ND	0.0050	1	09/05/2021 02:01	
4-Isopropyl toluene	ND	0.0050	1	09/05/2021 02:01	
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/05/2021 02:01	
Methylene chloride	ND	0.020	1	09/05/2021 02:01	
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/05/2021 02:01	
Naphthalene	ND	0.0050	1	09/05/2021 02:01	
n-Propyl benzene	ND	0.0050	1	09/05/2021 02:01	
Styrene	ND	0.0050	1	09/05/2021 02:01	
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 02:01	
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 02:01	
Tetrachloroethene	ND	0.0050	1	09/05/2021 02:01	
Toluene	ND	0.0050	1	09/05/2021 02:01	
1,2,3-Trichlorobenzene	ND	0.0050	1	09/05/2021 02:01	
1,2,4-Trichlorobenzene	ND	0.0050	1	09/05/2021 02:01	
1,1,1-Trichloroethane	ND	0.0050	1	09/05/2021 02:01	
1,1,2-Trichloroethane	ND	0.0050	1	09/05/2021 02:01	
Trichloroethene	ND	0.0050	1	09/05/2021 02:01	
Trichlorofluoromethane	ND	0.0050	1	09/05/2021 02:01	
1,2,3-Trichloropropane	ND	0.00025	1	09/05/2021 02:01	
1,2,4-Trimethylbenzene	ND	0.0050	1	09/05/2021 02:01	
1,3,5-Trimethylbenzene	ND	0.0050	1	09/05/2021 02:01	
Vinyl Chloride	ND	0.00025	1	09/05/2021 02:01	
m,p-Xylene	ND	0.0050	1	09/05/2021 02:01	
o-Xylene	ND	0.0050	1	09/05/2021 02:01	
Xylenes, Total	ND	0.0050	1	09/05/2021 02:01	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-11-5.0	2109103-020A	Soil	08/30/2021 13:30	GC18 09042130.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	86	70-140		09/05/2021 02:01
Toluene-d8	98	70-140		09/05/2021 02:01
4-BFB	89	70-140		09/05/2021 02:01
Benzene-d6	97	50-140		09/05/2021 02:01
Ethylbenzene-d10	103	50-140		09/05/2021 02:01
1,2-DCB-d4	81	40-140		09/05/2021 02:01

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-12-5.0	2109103-021A	Soil	08/30/2021 14:00	GC18 09042131.D	228914
Analytes	Result	RL	DF	Date Analyzed	
Acetone	0.49	0.20	1	09/05/2021 02:41	
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/05/2021 02:41	
Benzene	ND	0.0050	1	09/05/2021 02:41	
Bromobenzene	ND	0.0050	1	09/05/2021 02:41	
Bromochloromethane	ND	0.0050	1	09/05/2021 02:41	
Bromodichloromethane	ND	0.0050	1	09/05/2021 02:41	
Bromoform	ND	0.0050	1	09/05/2021 02:41	
Bromomethane	ND	0.0050	1	09/05/2021 02:41	
2-Butanone (MEK)	ND	0.050	1	09/05/2021 02:41	
t-Butyl alcohol (TBA)	ND	0.050	1	09/05/2021 02:41	
n-Butyl benzene	ND	0.0050	1	09/05/2021 02:41	
sec-Butyl benzene	ND	0.0050	1	09/05/2021 02:41	
tert-Butyl benzene	ND	0.0050	1	09/05/2021 02:41	
Carbon Disulfide	ND	0.0050	1	09/05/2021 02:41	
Carbon Tetrachloride	ND	0.0050	1	09/05/2021 02:41	
Chlorobenzene	ND	0.0050	1	09/05/2021 02:41	
Chloroethane	ND	0.0050	1	09/05/2021 02:41	
Chloroform	ND	0.0050	1	09/05/2021 02:41	
Chloromethane	ND	0.0050	1	09/05/2021 02:41	
2-Chlorotoluene	ND	0.0050	1	09/05/2021 02:41	
4-Chlorotoluene	ND	0.0050	1	09/05/2021 02:41	
Dibromochloromethane	ND	0.0050	1	09/05/2021 02:41	
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/05/2021 02:41	
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/05/2021 02:41	
Dibromomethane	ND	0.0050	1	09/05/2021 02:41	
1,2-Dichlorobenzene	ND	0.0050	1	09/05/2021 02:41	
1,3-Dichlorobenzene	ND	0.0050	1	09/05/2021 02:41	
1,4-Dichlorobenzene	ND	0.0050	1	09/05/2021 02:41	
Dichlorodifluoromethane	ND	0.0050	1	09/05/2021 02:41	
1,1-Dichloroethane	ND	0.0050	1	09/05/2021 02:41	
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/05/2021 02:41	
1,1-Dichloroethene	ND	0.0050	1	09/05/2021 02:41	
cis-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 02:41	
trans-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 02:41	
1,2-Dichloropropane	ND	0.0050	1	09/05/2021 02:41	
1,3-Dichloropropane	ND	0.0050	1	09/05/2021 02:41	
2,2-Dichloropropane	ND	0.0050	1	09/05/2021 02:41	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-12-5.0	2109103-021A	Soil	08/30/2021 14:00	GC18 09042131.D	228914
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.0050	1	09/05/2021 02:41	
cis-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 02:41	
trans-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 02:41	
Diisopropyl ether (DIPE)	ND	0.0050	1	09/05/2021 02:41	
Ethylbenzene	ND	0.0050	1	09/05/2021 02:41	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/05/2021 02:41	
Freon 113	ND	0.0050	1	09/05/2021 02:41	
Hexachlorobutadiene	ND	0.0050	1	09/05/2021 02:41	
Hexachloroethane	ND	0.0050	1	09/05/2021 02:41	
2-Hexanone	ND	0.0050	1	09/05/2021 02:41	
Isopropylbenzene	ND	0.0050	1	09/05/2021 02:41	
4-Isopropyl toluene	ND	0.0050	1	09/05/2021 02:41	
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/05/2021 02:41	
Methylene chloride	ND	0.020	1	09/05/2021 02:41	
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/05/2021 02:41	
Naphthalene	ND	0.0050	1	09/05/2021 02:41	
n-Propyl benzene	ND	0.0050	1	09/05/2021 02:41	
Styrene	ND	0.0050	1	09/05/2021 02:41	
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 02:41	
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 02:41	
Tetrachloroethene	ND	0.0050	1	09/05/2021 02:41	
Toluene	ND	0.0050	1	09/05/2021 02:41	
1,2,3-Trichlorobenzene	ND	0.0050	1	09/05/2021 02:41	
1,2,4-Trichlorobenzene	ND	0.0050	1	09/05/2021 02:41	
1,1,1-Trichloroethane	ND	0.0050	1	09/05/2021 02:41	
1,1,2-Trichloroethane	ND	0.0050	1	09/05/2021 02:41	
Trichloroethene	ND	0.0050	1	09/05/2021 02:41	
Trichlorofluoromethane	ND	0.0050	1	09/05/2021 02:41	
1,2,3-Trichloropropane	ND	0.00025	1	09/05/2021 02:41	
1,2,4-Trimethylbenzene	ND	0.0050	1	09/05/2021 02:41	
1,3,5-Trimethylbenzene	ND	0.0050	1	09/05/2021 02:41	
Vinyl Chloride	ND	0.00025	1	09/05/2021 02:41	
m,p-Xylene	ND	0.0050	1	09/05/2021 02:41	
o-Xylene	ND	0.0050	1	09/05/2021 02:41	
Xylenes, Total	ND	0.0050	1	09/05/2021 02:41	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-12-5.0	2109103-021A	Soil	08/30/2021 14:00	GC18 09042131.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	86	70-140		09/05/2021 02:41
Toluene-d8	97	70-140		09/05/2021 02:41
4-BFB	86	70-140		09/05/2021 02:41
Benzene-d6	99	50-140		09/05/2021 02:41
Ethylbenzene-d10	104	50-140		09/05/2021 02:41
1,2-DCB-d4	80	40-140		09/05/2021 02:41

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-13-5.0	2109103-023A	Soil	08/30/2021 15:40	GC18 09042132.D	228914
Analytes	Result	RL	DF	Date Analyzed	
Acetone	ND	0.20	1	09/05/2021 03:20	
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/05/2021 03:20	
Benzene	ND	0.0050	1	09/05/2021 03:20	
Bromobenzene	ND	0.0050	1	09/05/2021 03:20	
Bromochloromethane	ND	0.0050	1	09/05/2021 03:20	
Bromodichloromethane	ND	0.0050	1	09/05/2021 03:20	
Bromoform	ND	0.0050	1	09/05/2021 03:20	
Bromomethane	ND	0.0050	1	09/05/2021 03:20	
2-Butanone (MEK)	ND	0.050	1	09/05/2021 03:20	
t-Butyl alcohol (TBA)	ND	0.050	1	09/05/2021 03:20	
n-Butyl benzene	ND	0.0050	1	09/05/2021 03:20	
sec-Butyl benzene	ND	0.0050	1	09/05/2021 03:20	
tert-Butyl benzene	ND	0.0050	1	09/05/2021 03:20	
Carbon Disulfide	ND	0.0050	1	09/05/2021 03:20	
Carbon Tetrachloride	ND	0.0050	1	09/05/2021 03:20	
Chlorobenzene	ND	0.0050	1	09/05/2021 03:20	
Chloroethane	ND	0.0050	1	09/05/2021 03:20	
Chloroform	ND	0.0050	1	09/05/2021 03:20	
Chloromethane	ND	0.0050	1	09/05/2021 03:20	
2-Chlorotoluene	ND	0.0050	1	09/05/2021 03:20	
4-Chlorotoluene	ND	0.0050	1	09/05/2021 03:20	
Dibromochloromethane	ND	0.0050	1	09/05/2021 03:20	
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/05/2021 03:20	
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/05/2021 03:20	
Dibromomethane	ND	0.0050	1	09/05/2021 03:20	
1,2-Dichlorobenzene	ND	0.0050	1	09/05/2021 03:20	
1,3-Dichlorobenzene	ND	0.0050	1	09/05/2021 03:20	
1,4-Dichlorobenzene	ND	0.0050	1	09/05/2021 03:20	
Dichlorodifluoromethane	ND	0.0050	1	09/05/2021 03:20	
1,1-Dichloroethane	ND	0.0050	1	09/05/2021 03:20	
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/05/2021 03:20	
1,1-Dichloroethene	ND	0.0050	1	09/05/2021 03:20	
cis-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 03:20	
trans-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 03:20	
1,2-Dichloropropane	ND	0.0050	1	09/05/2021 03:20	
1,3-Dichloropropane	ND	0.0050	1	09/05/2021 03:20	
2,2-Dichloropropane	ND	0.0050	1	09/05/2021 03:20	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-13-5.0	2109103-023A	Soil	08/30/2021 15:40	GC18 09042132.D	228914
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.0050	1	09/05/2021 03:20	
cis-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 03:20	
trans-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 03:20	
Diisopropyl ether (DIPE)	ND	0.0050	1	09/05/2021 03:20	
Ethylbenzene	ND	0.0050	1	09/05/2021 03:20	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/05/2021 03:20	
Freon 113	ND	0.0050	1	09/05/2021 03:20	
Hexachlorobutadiene	ND	0.0050	1	09/05/2021 03:20	
Hexachloroethane	ND	0.0050	1	09/05/2021 03:20	
2-Hexanone	ND	0.0050	1	09/05/2021 03:20	
Isopropylbenzene	ND	0.0050	1	09/05/2021 03:20	
4-Isopropyl toluene	ND	0.0050	1	09/05/2021 03:20	
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/05/2021 03:20	
Methylene chloride	ND	0.020	1	09/05/2021 03:20	
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/05/2021 03:20	
Naphthalene	ND	0.0050	1	09/05/2021 03:20	
n-Propyl benzene	ND	0.0050	1	09/05/2021 03:20	
Styrene	ND	0.0050	1	09/05/2021 03:20	
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 03:20	
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 03:20	
Tetrachloroethene	ND	0.0050	1	09/05/2021 03:20	
Toluene	ND	0.0050	1	09/05/2021 03:20	
1,2,3-Trichlorobenzene	ND	0.0050	1	09/05/2021 03:20	
1,2,4-Trichlorobenzene	ND	0.0050	1	09/05/2021 03:20	
1,1,1-Trichloroethane	ND	0.0050	1	09/05/2021 03:20	
1,1,2-Trichloroethane	ND	0.0050	1	09/05/2021 03:20	
Trichloroethene	ND	0.0050	1	09/05/2021 03:20	
Trichlorofluoromethane	ND	0.0050	1	09/05/2021 03:20	
1,2,3-Trichloropropane	ND	0.00025	1	09/05/2021 03:20	
1,2,4-Trimethylbenzene	ND	0.0050	1	09/05/2021 03:20	
1,3,5-Trimethylbenzene	ND	0.0050	1	09/05/2021 03:20	
Vinyl Chloride	ND	0.00025	1	09/05/2021 03:20	
m,p-Xylene	ND	0.0050	1	09/05/2021 03:20	
o-Xylene	ND	0.0050	1	09/05/2021 03:20	
Xylenes, Total	ND	0.0050	1	09/05/2021 03:20	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-13-5.0	2109103-023A	Soil	08/30/2021 15:40	GC18 09042132.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	87	70-140		09/05/2021 03:20
Toluene-d8	93	70-140		09/05/2021 03:20
4-BFB	82	70-140		09/05/2021 03:20
Benzene-d6	74	50-140		09/05/2021 03:20
Ethylbenzene-d10	77	50-140		09/05/2021 03:20
1,2-DCB-d4	61	40-140		09/05/2021 03:20

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-14-5.0	2109103-024A	Soil	08/30/2021 16:00		GC18 09042133.D	228914
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	0.20	1	09/05/2021 04:00		
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/05/2021 04:00		
Benzene	ND	0.0050	1	09/05/2021 04:00		
Bromobenzene	ND	0.0050	1	09/05/2021 04:00		
Bromochloromethane	ND	0.0050	1	09/05/2021 04:00		
Bromodichloromethane	ND	0.0050	1	09/05/2021 04:00		
Bromoform	ND	0.0050	1	09/05/2021 04:00		
Bromomethane	ND	0.0050	1	09/05/2021 04:00		
2-Butanone (MEK)	ND	0.050	1	09/05/2021 04:00		
t-Butyl alcohol (TBA)	ND	0.050	1	09/05/2021 04:00		
n-Butyl benzene	ND	0.0050	1	09/05/2021 04:00		
sec-Butyl benzene	ND	0.0050	1	09/05/2021 04:00		
tert-Butyl benzene	ND	0.0050	1	09/05/2021 04:00		
Carbon Disulfide	ND	0.0050	1	09/05/2021 04:00		
Carbon Tetrachloride	ND	0.0050	1	09/05/2021 04:00		
Chlorobenzene	ND	0.0050	1	09/05/2021 04:00		
Chloroethane	ND	0.0050	1	09/05/2021 04:00		
Chloroform	ND	0.0050	1	09/05/2021 04:00		
Chloromethane	ND	0.0050	1	09/05/2021 04:00		
2-Chlorotoluene	ND	0.0050	1	09/05/2021 04:00		
4-Chlorotoluene	ND	0.0050	1	09/05/2021 04:00		
Dibromochloromethane	ND	0.0050	1	09/05/2021 04:00		
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/05/2021 04:00		
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/05/2021 04:00		
Dibromomethane	ND	0.0050	1	09/05/2021 04:00		
1,2-Dichlorobenzene	ND	0.0050	1	09/05/2021 04:00		
1,3-Dichlorobenzene	ND	0.0050	1	09/05/2021 04:00		
1,4-Dichlorobenzene	ND	0.0050	1	09/05/2021 04:00		
Dichlorodifluoromethane	ND	0.0050	1	09/05/2021 04:00		
1,1-Dichloroethane	ND	0.0050	1	09/05/2021 04:00		
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/05/2021 04:00		
1,1-Dichloroethene	ND	0.0050	1	09/05/2021 04:00		
cis-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 04:00		
trans-1,2-Dichloroethene	ND	0.0050	1	09/05/2021 04:00		
1,2-Dichloropropane	ND	0.0050	1	09/05/2021 04:00		
1,3-Dichloropropane	ND	0.0050	1	09/05/2021 04:00		
2,2-Dichloropropane	ND	0.0050	1	09/05/2021 04:00		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-14-5.0	2109103-024A	Soil	08/30/2021 16:00	GC18 09042133.D	228914
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.0050	1	09/05/2021 04:00	
cis-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 04:00	
trans-1,3-Dichloropropene	ND	0.0050	1	09/05/2021 04:00	
Diisopropyl ether (DIPE)	ND	0.0050	1	09/05/2021 04:00	
Ethylbenzene	ND	0.0050	1	09/05/2021 04:00	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/05/2021 04:00	
Freon 113	ND	0.0050	1	09/05/2021 04:00	
Hexachlorobutadiene	ND	0.0050	1	09/05/2021 04:00	
Hexachloroethane	ND	0.0050	1	09/05/2021 04:00	
2-Hexanone	ND	0.0050	1	09/05/2021 04:00	
Isopropylbenzene	ND	0.0050	1	09/05/2021 04:00	
4-Isopropyl toluene	ND	0.0050	1	09/05/2021 04:00	
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/05/2021 04:00	
Methylene chloride	ND	0.020	1	09/05/2021 04:00	
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/05/2021 04:00	
Naphthalene	ND	0.0050	1	09/05/2021 04:00	
n-Propyl benzene	ND	0.0050	1	09/05/2021 04:00	
Styrene	ND	0.0050	1	09/05/2021 04:00	
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 04:00	
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/05/2021 04:00	
Tetrachloroethene	ND	0.0050	1	09/05/2021 04:00	
Toluene	ND	0.0050	1	09/05/2021 04:00	
1,2,3-Trichlorobenzene	ND	0.0050	1	09/05/2021 04:00	
1,2,4-Trichlorobenzene	ND	0.0050	1	09/05/2021 04:00	
1,1,1-Trichloroethane	ND	0.0050	1	09/05/2021 04:00	
1,1,2-Trichloroethane	ND	0.0050	1	09/05/2021 04:00	
Trichloroethene	ND	0.0050	1	09/05/2021 04:00	
Trichlorofluoromethane	ND	0.0050	1	09/05/2021 04:00	
1,2,3-Trichloropropane	ND	0.00025	1	09/05/2021 04:00	
1,2,4-Trimethylbenzene	ND	0.0050	1	09/05/2021 04:00	
1,3,5-Trimethylbenzene	ND	0.0050	1	09/05/2021 04:00	
Vinyl Chloride	ND	0.00025	1	09/05/2021 04:00	
m,p-Xylene	ND	0.0050	1	09/05/2021 04:00	
o-Xylene	ND	0.0050	1	09/05/2021 04:00	
Xylenes, Total	ND	0.0050	1	09/05/2021 04:00	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-14-5.0	2109103-024A	Soil	08/30/2021 16:00	GC18 09042133.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	86	70-140		09/05/2021 04:00
Toluene-d8	96	70-140		09/05/2021 04:00
4-BFB	84	70-140		09/05/2021 04:00
Benzene-d6	95	50-140		09/05/2021 04:00
Ethylbenzene-d10	100	50-140		09/05/2021 04:00
1,2-DCB-d4	79	40-140		09/05/2021 04:00

Analyst(s): AK



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-15-3.0	2109103-025A	Soil	08/31/2021 09:30		GC18 09052130.D	228914
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	0.20	1	09/06/2021 03:54		
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/06/2021 03:54		
Benzene	ND	0.0050	1	09/06/2021 03:54		
Bromobenzene	ND	0.0050	1	09/06/2021 03:54		
Bromochloromethane	ND	0.0050	1	09/06/2021 03:54		
Bromodichloromethane	ND	0.0050	1	09/06/2021 03:54		
Bromoform	ND	0.0050	1	09/06/2021 03:54		
Bromomethane	ND	0.0050	1	09/06/2021 03:54		
2-Butanone (MEK)	ND	0.050	1	09/06/2021 03:54		
t-Butyl alcohol (TBA)	ND	0.050	1	09/06/2021 03:54		
n-Butyl benzene	ND	0.0050	1	09/06/2021 03:54		
sec-Butyl benzene	ND	0.0050	1	09/06/2021 03:54		
tert-Butyl benzene	ND	0.0050	1	09/06/2021 03:54		
Carbon Disulfide	ND	0.0050	1	09/06/2021 03:54		
Carbon Tetrachloride	ND	0.0050	1	09/06/2021 03:54		
Chlorobenzene	ND	0.0050	1	09/06/2021 03:54		
Chloroethane	ND	0.0050	1	09/06/2021 03:54		
Chloroform	ND	0.0050	1	09/06/2021 03:54		
Chloromethane	ND	0.0050	1	09/06/2021 03:54		
2-Chlorotoluene	ND	0.0050	1	09/06/2021 03:54		
4-Chlorotoluene	ND	0.0050	1	09/06/2021 03:54		
Dibromochloromethane	ND	0.0050	1	09/06/2021 03:54		
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/06/2021 03:54		
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/06/2021 03:54		
Dibromomethane	ND	0.0050	1	09/06/2021 03:54		
1,2-Dichlorobenzene	ND	0.0050	1	09/06/2021 03:54		
1,3-Dichlorobenzene	ND	0.0050	1	09/06/2021 03:54		
1,4-Dichlorobenzene	ND	0.0050	1	09/06/2021 03:54		
Dichlorodifluoromethane	ND	0.0050	1	09/06/2021 03:54		
1,1-Dichloroethane	ND	0.0050	1	09/06/2021 03:54		
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/06/2021 03:54		
1,1-Dichloroethene	ND	0.0050	1	09/06/2021 03:54		
cis-1,2-Dichloroethene	ND	0.0050	1	09/06/2021 03:54		
trans-1,2-Dichloroethene	ND	0.0050	1	09/06/2021 03:54		
1,2-Dichloropropane	ND	0.0050	1	09/06/2021 03:54		
1,3-Dichloropropane	ND	0.0050	1	09/06/2021 03:54		
2,2-Dichloropropane	ND	0.0050	1	09/06/2021 03:54		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-15-3.0	2109103-025A	Soil	08/31/2021 09:30		GC18 09052130.D	228914
Analytes	Result		RL	DF	Date Analyzed	
1,1-Dichloropropene	ND		0.0050	1	09/06/2021 03:54	
cis-1,3-Dichloropropene	ND		0.0050	1	09/06/2021 03:54	
trans-1,3-Dichloropropene	ND		0.0050	1	09/06/2021 03:54	
Diisopropyl ether (DIPE)	ND		0.0050	1	09/06/2021 03:54	
Ethylbenzene	ND		0.0050	1	09/06/2021 03:54	
Ethyl tert-butyl ether (ETBE)	ND		0.0050	1	09/06/2021 03:54	
Freon 113	ND		0.0050	1	09/06/2021 03:54	
Hexachlorobutadiene	ND		0.0050	1	09/06/2021 03:54	
Hexachloroethane	ND		0.0050	1	09/06/2021 03:54	
2-Hexanone	ND		0.0050	1	09/06/2021 03:54	
Isopropylbenzene	ND		0.0050	1	09/06/2021 03:54	
4-Isopropyl toluene	ND		0.0050	1	09/06/2021 03:54	
Methyl-t-butyl ether (MTBE)	ND		0.0050	1	09/06/2021 03:54	
Methylene chloride	ND		0.020	1	09/06/2021 03:54	
4-Methyl-2-pentanone (MIBK)	ND		0.0050	1	09/06/2021 03:54	
Naphthalene	ND		0.0050	1	09/06/2021 03:54	
n-Propyl benzene	ND		0.0050	1	09/06/2021 03:54	
Styrene	ND		0.0050	1	09/06/2021 03:54	
1,1,1,2-Tetrachloroethane	ND		0.0050	1	09/06/2021 03:54	
1,1,2,2-Tetrachloroethane	ND		0.0050	1	09/06/2021 03:54	
Tetrachloroethene	ND		0.0050	1	09/06/2021 03:54	
Toluene	ND		0.0050	1	09/06/2021 03:54	
1,2,3-Trichlorobenzene	ND		0.0050	1	09/06/2021 03:54	
1,2,4-Trichlorobenzene	ND		0.0050	1	09/06/2021 03:54	
1,1,1-Trichloroethane	ND		0.0050	1	09/06/2021 03:54	
1,1,2-Trichloroethane	ND		0.0050	1	09/06/2021 03:54	
Trichloroethene	ND		0.0050	1	09/06/2021 03:54	
Trichlorofluoromethane	ND		0.0050	1	09/06/2021 03:54	
1,2,3-Trichloropropane	ND		0.00025	1	09/06/2021 03:54	
1,2,4-Trimethylbenzene	ND		0.0050	1	09/06/2021 03:54	
1,3,5-Trimethylbenzene	ND		0.0050	1	09/06/2021 03:54	
Vinyl Chloride	ND		0.00025	1	09/06/2021 03:54	
m,p-Xylene	ND		0.0050	1	09/06/2021 03:54	
o-Xylene	ND		0.0050	1	09/06/2021 03:54	
Xylenes, Total	ND		0.0050	1	09/06/2021 03:54	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-15-3.0	2109103-025A	Soil	08/31/2021 09:30	GC18 09052130.D	228914

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	86	70-140		09/06/2021 03:54
Toluene-d8	99	70-140		09/06/2021 03:54
4-BFB	89	70-140		09/06/2021 03:54
Benzene-d6	97	50-140		09/06/2021 03:54
Ethylbenzene-d10	97	50-140		09/06/2021 03:54
1,2-DCB-d4	78	40-140		09/06/2021 03:54

Analyst(s): KF



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-1	2109103-002B	Water	08/31/2021 14:30		GC38 09042112.D	229121
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	40	1	09/04/2021 13:09		
tert-Amyl methyl ether (TAME)	ND	0.50	1	09/04/2021 13:09		
Benzene	ND	0.20	1	09/04/2021 13:09		
Bromobenzene	ND	0.50	1	09/04/2021 13:09		
Bromochloromethane	ND	0.50	1	09/04/2021 13:09		
Bromodichloromethane	ND	0.050	1	09/04/2021 13:09		
Bromoform	ND	0.50	1	09/04/2021 13:09		
Bromomethane	ND	0.50	1	09/04/2021 13:09		
2-Butanone (MEK)	ND	5.0	1	09/04/2021 13:09		
t-Butyl alcohol (TBA)	ND	5.0	1	09/04/2021 13:09		
n-Butyl benzene	ND	0.50	1	09/04/2021 13:09		
sec-Butyl benzene	ND	0.50	1	09/04/2021 13:09		
tert-Butyl benzene	ND	0.50	1	09/04/2021 13:09		
Carbon Disulfide	ND	0.50	1	09/04/2021 13:09		
Carbon Tetrachloride	ND	0.050	1	09/04/2021 13:09		
Chlorobenzene	ND	0.50	1	09/04/2021 13:09		
Chloroethane	ND	0.50	1	09/04/2021 13:09		
Chloroform	ND	0.10	1	09/04/2021 13:09		
Chloromethane	ND	0.50	1	09/04/2021 13:09		
2-Chlorotoluene	ND	0.50	1	09/04/2021 13:09		
4-Chlorotoluene	ND	0.50	1	09/04/2021 13:09		
Dibromochloromethane	ND	0.15	1	09/04/2021 13:09		
1,2-Dibromo-3-chloropropane	ND	0.020	1	09/04/2021 13:09		
1,2-Dibromoethane (EDB)	ND	0.040	1	09/04/2021 13:09		
Dibromomethane	ND	0.50	1	09/04/2021 13:09		
1,2-Dichlorobenzene	ND	0.50	1	09/04/2021 13:09		
1,3-Dichlorobenzene	ND	0.50	1	09/04/2021 13:09		
1,4-Dichlorobenzene	ND	0.50	1	09/04/2021 13:09		
Dichlorodifluoromethane	ND	0.50	1	09/04/2021 13:09		
1,1-Dichloroethane	ND	0.50	1	09/04/2021 13:09		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	09/04/2021 13:09		
1,1-Dichloroethene	ND	0.010	1	09/04/2021 13:09		
cis-1,2-Dichloroethene	ND	0.50	1	09/04/2021 13:09		
trans-1,2-Dichloroethene	ND	0.50	1	09/04/2021 13:09		
1,2-Dichloropropane	ND	0.20	1	09/04/2021 13:09		
1,3-Dichloropropane	ND	0.50	1	09/04/2021 13:09		
2,2-Dichloropropane	ND	0.50	1	09/04/2021 13:09		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-1	2109103-002B	Water	08/31/2021 14:30		GC38 09042112.D	229121
Analytes	Result	RL	DE	Date Analyzed		
1,1-Dichloropropene	ND	0.50	1	09/04/2021 13:09		
cis-1,3-Dichloropropene	ND	0.50	1	09/04/2021 13:09		
trans-1,3-Dichloropropene	ND	0.50	1	09/04/2021 13:09		
Diisopropyl ether (DIPE)	ND	0.50	1	09/04/2021 13:09		
Ethylbenzene	ND	0.50	1	09/04/2021 13:09		
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	09/04/2021 13:09		
Freon 113	ND	0.50	1	09/04/2021 13:09		
Hexachlorobutadiene	ND	0.50	1	09/04/2021 13:09		
Hexachloroethane	ND	0.20	1	09/04/2021 13:09		
2-Hexanone	ND	0.50	1	09/04/2021 13:09		
Isopropylbenzene	ND	0.50	1	09/04/2021 13:09		
4-Isopropyl toluene	ND	0.50	1	09/04/2021 13:09		
Methyl-t-butyl ether (MTBE)	ND	0.50	1	09/04/2021 13:09		
Methylene chloride	ND	2.0	1	09/04/2021 13:09		
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	09/04/2021 13:09		
Naphthalene	ND	0.30	1	09/04/2021 13:09		
n-Propyl benzene	ND	0.50	1	09/04/2021 13:09		
Styrene	ND	2.0	1	09/04/2021 13:09		
1,1,1,2-Tetrachloroethane	ND	0.50	1	09/04/2021 13:09		
1,1,2,2-Tetrachloroethane	ND	0.020	1	09/04/2021 13:09		
Tetrachloroethene	ND	0.20	1	09/04/2021 13:09		
Toluene	ND	0.50	1	09/04/2021 13:09		
1,2,3-Trichlorobenzene	ND	0.50	1	09/04/2021 13:09		
1,2,4-Trichlorobenzene	ND	0.50	1	09/04/2021 13:09		
1,1,1-Trichloroethane	ND	0.50	1	09/04/2021 13:09		
1,1,2-Trichloroethane	ND	0.20	1	09/04/2021 13:09		
Trichloroethene	ND	0.50	1	09/04/2021 13:09		
Trichlorofluoromethane	ND	0.50	1	09/04/2021 13:09		
1,2,3-Trichloropropane	ND	0.0050	1	09/04/2021 13:09		
1,2,4-Trimethylbenzene	ND	0.50	1	09/04/2021 13:09		
1,3,5-Trimethylbenzene	ND	0.50	1	09/04/2021 13:09		
Vinyl Chloride	ND	0.0050	1	09/04/2021 13:09		
m,p-Xylene	ND	0.50	1	09/04/2021 13:09		
o-Xylene	ND	0.50	1	09/04/2021 13:09		
Xylenes, Total	ND	0.50	1	09/04/2021 13:09		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-1	2109103-002B	Water	08/31/2021 14:30	GC38 09042112.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	94	70-130	09/04/2021 13:09
Toluene-d8	83	70-130	09/04/2021 13:09
4-BFB	72	70-130	09/04/2021 13:09

Analyst(s): LT

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-4	2109103-007B	Water	08/31/2021 12:00		GC38 09042113.D	229121
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	40	1	09/04/2021 13:48		
tert-Amyl methyl ether (TAME)	ND	0.50	1	09/04/2021 13:48		
Benzene	ND	0.20	1	09/04/2021 13:48		
Bromobenzene	ND	0.50	1	09/04/2021 13:48		
Bromochloromethane	ND	0.50	1	09/04/2021 13:48		
Bromodichloromethane	ND	0.050	1	09/04/2021 13:48		
Bromoform	ND	0.50	1	09/04/2021 13:48		
Bromomethane	ND	0.50	1	09/04/2021 13:48		
2-Butanone (MEK)	ND	5.0	1	09/04/2021 13:48		
t-Butyl alcohol (TBA)	ND	5.0	1	09/04/2021 13:48		
n-Butyl benzene	ND	0.50	1	09/04/2021 13:48		
sec-Butyl benzene	ND	0.50	1	09/04/2021 13:48		
tert-Butyl benzene	ND	0.50	1	09/04/2021 13:48		
Carbon Disulfide	ND	0.50	1	09/04/2021 13:48		
Carbon Tetrachloride	ND	0.050	1	09/04/2021 13:48		
Chlorobenzene	ND	0.50	1	09/04/2021 13:48		
Chloroethane	ND	0.50	1	09/04/2021 13:48		
Chloroform	ND	0.10	1	09/04/2021 13:48		
Chloromethane	ND	0.50	1	09/04/2021 13:48		
2-Chlorotoluene	ND	0.50	1	09/04/2021 13:48		
4-Chlorotoluene	ND	0.50	1	09/04/2021 13:48		
Dibromochloromethane	ND	0.15	1	09/04/2021 13:48		
1,2-Dibromo-3-chloropropane	ND	0.020	1	09/04/2021 13:48		
1,2-Dibromoethane (EDB)	ND	0.040	1	09/04/2021 13:48		
Dibromomethane	ND	0.50	1	09/04/2021 13:48		
1,2-Dichlorobenzene	ND	0.50	1	09/04/2021 13:48		
1,3-Dichlorobenzene	ND	0.50	1	09/04/2021 13:48		
1,4-Dichlorobenzene	ND	0.50	1	09/04/2021 13:48		
Dichlorodifluoromethane	ND	0.50	1	09/04/2021 13:48		
1,1-Dichloroethane	ND	0.50	1	09/04/2021 13:48		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	09/04/2021 13:48		
1,1-Dichloroethene	ND	0.010	1	09/04/2021 13:48		
cis-1,2-Dichloroethene	ND	0.50	1	09/04/2021 13:48		
trans-1,2-Dichloroethene	ND	0.50	1	09/04/2021 13:48		
1,2-Dichloropropane	ND	0.20	1	09/04/2021 13:48		
1,3-Dichloropropane	ND	0.50	1	09/04/2021 13:48		
2,2-Dichloropropane	ND	0.50	1	09/04/2021 13:48		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-4	2109103-007B	Water	08/31/2021 12:00		GC38 09042113.D	229121
Analytes	Result	RL	DE	Date Analyzed		
1,1-Dichloropropene	ND	0.50	1	09/04/2021 13:48		
cis-1,3-Dichloropropene	ND	0.50	1	09/04/2021 13:48		
trans-1,3-Dichloropropene	ND	0.50	1	09/04/2021 13:48		
Diisopropyl ether (DIPE)	ND	0.50	1	09/04/2021 13:48		
Ethylbenzene	ND	0.50	1	09/04/2021 13:48		
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	09/04/2021 13:48		
Freon 113	ND	0.50	1	09/04/2021 13:48		
Hexachlorobutadiene	ND	0.50	1	09/04/2021 13:48		
Hexachloroethane	ND	0.20	1	09/04/2021 13:48		
2-Hexanone	ND	0.50	1	09/04/2021 13:48		
Isopropylbenzene	ND	0.50	1	09/04/2021 13:48		
4-Isopropyl toluene	ND	0.50	1	09/04/2021 13:48		
Methyl-t-butyl ether (MTBE)	ND	0.50	1	09/04/2021 13:48		
Methylene chloride	ND	2.0	1	09/04/2021 13:48		
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	09/04/2021 13:48		
Naphthalene	ND	0.30	1	09/04/2021 13:48		
n-Propyl benzene	ND	0.50	1	09/04/2021 13:48		
Styrene	ND	2.0	1	09/04/2021 13:48		
1,1,1,2-Tetrachloroethane	ND	0.50	1	09/04/2021 13:48		
1,1,2,2-Tetrachloroethane	ND	0.020	1	09/04/2021 13:48		
Tetrachloroethene	ND	0.20	1	09/04/2021 13:48		
Toluene	ND	0.50	1	09/04/2021 13:48		
1,2,3-Trichlorobenzene	ND	0.50	1	09/04/2021 13:48		
1,2,4-Trichlorobenzene	ND	0.50	1	09/04/2021 13:48		
1,1,1-Trichloroethane	ND	0.50	1	09/04/2021 13:48		
1,1,2-Trichloroethane	ND	0.20	1	09/04/2021 13:48		
Trichloroethene	ND	0.50	1	09/04/2021 13:48		
Trichlorofluoromethane	ND	0.50	1	09/04/2021 13:48		
1,2,3-Trichloropropane	ND	0.0050	1	09/04/2021 13:48		
1,2,4-Trimethylbenzene	ND	0.50	1	09/04/2021 13:48		
1,3,5-Trimethylbenzene	ND	0.50	1	09/04/2021 13:48		
Vinyl Chloride	ND	0.0050	1	09/04/2021 13:48		
m,p-Xylene	ND	0.50	1	09/04/2021 13:48		
o-Xylene	ND	0.50	1	09/04/2021 13:48		
Xylenes, Total	ND	0.50	1	09/04/2021 13:48		

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-4	2109103-007B	Water	08/31/2021 12:00	GC38 09042113.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	94	70-130	09/04/2021 13:48
Toluene-d8	83	70-130	09/04/2021 13:48
4-BFB	70	70-130	09/04/2021 13:48

Analyst(s): LT

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-6	2109103-010B	Water	08/31/2021 10:15		GC38 09042114.D	229121
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	40	1	09/04/2021 14:26		
tert-Amyl methyl ether (TAME)	ND	0.50	1	09/04/2021 14:26		
Benzene	ND	0.20	1	09/04/2021 14:26		
Bromobenzene	ND	0.50	1	09/04/2021 14:26		
Bromochloromethane	ND	0.50	1	09/04/2021 14:26		
Bromodichloromethane	ND	0.050	1	09/04/2021 14:26		
Bromoform	ND	0.50	1	09/04/2021 14:26		
Bromomethane	ND	0.50	1	09/04/2021 14:26		
2-Butanone (MEK)	ND	5.0	1	09/04/2021 14:26		
t-Butyl alcohol (TBA)	ND	5.0	1	09/04/2021 14:26		
n-Butyl benzene	ND	0.50	1	09/04/2021 14:26		
sec-Butyl benzene	ND	0.50	1	09/04/2021 14:26		
tert-Butyl benzene	ND	0.50	1	09/04/2021 14:26		
Carbon Disulfide	ND	0.50	1	09/04/2021 14:26		
Carbon Tetrachloride	ND	0.050	1	09/04/2021 14:26		
Chlorobenzene	ND	0.50	1	09/04/2021 14:26		
Chloroethane	ND	0.50	1	09/04/2021 14:26		
Chloroform	ND	0.10	1	09/04/2021 14:26		
Chloromethane	ND	0.50	1	09/04/2021 14:26		
2-Chlorotoluene	ND	0.50	1	09/04/2021 14:26		
4-Chlorotoluene	ND	0.50	1	09/04/2021 14:26		
Dibromochloromethane	ND	0.15	1	09/04/2021 14:26		
1,2-Dibromo-3-chloropropane	ND	0.020	1	09/04/2021 14:26		
1,2-Dibromoethane (EDB)	ND	0.040	1	09/04/2021 14:26		
Dibromomethane	ND	0.50	1	09/04/2021 14:26		
1,2-Dichlorobenzene	ND	0.50	1	09/04/2021 14:26		
1,3-Dichlorobenzene	ND	0.50	1	09/04/2021 14:26		
1,4-Dichlorobenzene	ND	0.50	1	09/04/2021 14:26		
Dichlorodifluoromethane	ND	0.50	1	09/04/2021 14:26		
1,1-Dichloroethane	ND	0.50	1	09/04/2021 14:26		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	09/04/2021 14:26		
1,1-Dichloroethene	ND	0.010	1	09/04/2021 14:26		
cis-1,2-Dichloroethene	ND	0.50	1	09/04/2021 14:26		
trans-1,2-Dichloroethene	ND	0.50	1	09/04/2021 14:26		
1,2-Dichloropropane	ND	0.20	1	09/04/2021 14:26		
1,3-Dichloropropane	ND	0.50	1	09/04/2021 14:26		
2,2-Dichloropropane	ND	0.50	1	09/04/2021 14:26		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-6	2109103-010B	Water	08/31/2021 10:15		GC38 09042114.D	229121
Analytes	Result	RL	DE	Date Analyzed		
1,1-Dichloropropene	ND	0.50	1	09/04/2021 14:26		
cis-1,3-Dichloropropene	ND	0.50	1	09/04/2021 14:26		
trans-1,3-Dichloropropene	ND	0.50	1	09/04/2021 14:26		
Diisopropyl ether (DIPE)	ND	0.50	1	09/04/2021 14:26		
Ethylbenzene	ND	0.50	1	09/04/2021 14:26		
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	09/04/2021 14:26		
Freon 113	ND	0.50	1	09/04/2021 14:26		
Hexachlorobutadiene	ND	0.50	1	09/04/2021 14:26		
Hexachloroethane	ND	0.20	1	09/04/2021 14:26		
2-Hexanone	ND	0.50	1	09/04/2021 14:26		
Isopropylbenzene	ND	0.50	1	09/04/2021 14:26		
4-Isopropyl toluene	ND	0.50	1	09/04/2021 14:26		
Methyl-t-butyl ether (MTBE)	ND	0.50	1	09/04/2021 14:26		
Methylene chloride	ND	2.0	1	09/04/2021 14:26		
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	09/04/2021 14:26		
Naphthalene	ND	0.30	1	09/04/2021 14:26		
n-Propyl benzene	ND	0.50	1	09/04/2021 14:26		
Styrene	ND	2.0	1	09/04/2021 14:26		
1,1,1,2-Tetrachloroethane	ND	0.50	1	09/04/2021 14:26		
1,1,2,2-Tetrachloroethane	ND	0.020	1	09/04/2021 14:26		
Tetrachloroethene	ND	0.20	1	09/04/2021 14:26		
Toluene	ND	0.50	1	09/04/2021 14:26		
1,2,3-Trichlorobenzene	ND	0.50	1	09/04/2021 14:26		
1,2,4-Trichlorobenzene	ND	0.50	1	09/04/2021 14:26		
1,1,1-Trichloroethane	ND	0.50	1	09/04/2021 14:26		
1,1,2-Trichloroethane	ND	0.20	1	09/04/2021 14:26		
Trichloroethene	ND	0.50	1	09/04/2021 14:26		
Trichlorofluoromethane	ND	0.50	1	09/04/2021 14:26		
1,2,3-Trichloropropane	ND	0.0050	1	09/04/2021 14:26		
1,2,4-Trimethylbenzene	ND	0.50	1	09/04/2021 14:26		
1,3,5-Trimethylbenzene	ND	0.50	1	09/04/2021 14:26		
Vinyl Chloride	ND	0.0050	1	09/04/2021 14:26		
m,p-Xylene	ND	0.50	1	09/04/2021 14:26		
o-Xylene	ND	0.50	1	09/04/2021 14:26		
Xylenes, Total	ND	0.50	1	09/04/2021 14:26		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-6	2109103-010B	Water	08/31/2021 10:15	GC38 09042114.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	92	70-130	09/04/2021 14:26
Toluene-d8	83	70-130	09/04/2021 14:26
4-BFB	70	70-130	09/04/2021 14:26

Analyst(s): LT

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-7	2109103-012B	Water	08/31/2021 15:45		GC38 09042115.D	229121
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	40	1	09/04/2021 15:05		
tert-Amyl methyl ether (TAME)	ND	0.50	1	09/04/2021 15:05		
Benzene	ND	0.20	1	09/04/2021 15:05		
Bromobenzene	ND	0.50	1	09/04/2021 15:05		
Bromochloromethane	ND	0.50	1	09/04/2021 15:05		
Bromodichloromethane	ND	0.050	1	09/04/2021 15:05		
Bromoform	ND	0.50	1	09/04/2021 15:05		
Bromomethane	ND	0.50	1	09/04/2021 15:05		
2-Butanone (MEK)	ND	5.0	1	09/04/2021 15:05		
t-Butyl alcohol (TBA)	ND	5.0	1	09/04/2021 15:05		
n-Butyl benzene	ND	0.50	1	09/04/2021 15:05		
sec-Butyl benzene	ND	0.50	1	09/04/2021 15:05		
tert-Butyl benzene	ND	0.50	1	09/04/2021 15:05		
Carbon Disulfide	ND	0.50	1	09/04/2021 15:05		
Carbon Tetrachloride	ND	0.050	1	09/04/2021 15:05		
Chlorobenzene	ND	0.50	1	09/04/2021 15:05		
Chloroethane	ND	0.50	1	09/04/2021 15:05		
Chloroform	ND	0.10	1	09/04/2021 15:05		
Chloromethane	ND	0.50	1	09/04/2021 15:05		
2-Chlorotoluene	ND	0.50	1	09/04/2021 15:05		
4-Chlorotoluene	ND	0.50	1	09/04/2021 15:05		
Dibromochloromethane	ND	0.15	1	09/04/2021 15:05		
1,2-Dibromo-3-chloropropane	ND	0.020	1	09/04/2021 15:05		
1,2-Dibromoethane (EDB)	ND	0.040	1	09/04/2021 15:05		
Dibromomethane	ND	0.50	1	09/04/2021 15:05		
1,2-Dichlorobenzene	ND	0.50	1	09/04/2021 15:05		
1,3-Dichlorobenzene	ND	0.50	1	09/04/2021 15:05		
1,4-Dichlorobenzene	ND	0.50	1	09/04/2021 15:05		
Dichlorodifluoromethane	ND	0.50	1	09/04/2021 15:05		
1,1-Dichloroethane	ND	0.50	1	09/04/2021 15:05		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	09/04/2021 15:05		
1,1-Dichloroethene	ND	0.010	1	09/04/2021 15:05		
cis-1,2-Dichloroethene	ND	0.50	1	09/04/2021 15:05		
trans-1,2-Dichloroethene	ND	0.50	1	09/04/2021 15:05		
1,2-Dichloropropane	ND	0.20	1	09/04/2021 15:05		
1,3-Dichloropropane	ND	0.50	1	09/04/2021 15:05		
2,2-Dichloropropane	ND	0.50	1	09/04/2021 15:05		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-7	2109103-012B	Water	08/31/2021 15:45		GC38 09042115.D	229121
Analytes	Result	RL	DE	Date Analyzed		
1,1-Dichloropropene	ND	0.50	1	09/04/2021 15:05		
cis-1,3-Dichloropropene	ND	0.50	1	09/04/2021 15:05		
trans-1,3-Dichloropropene	ND	0.50	1	09/04/2021 15:05		
Diisopropyl ether (DIPE)	ND	0.50	1	09/04/2021 15:05		
Ethylbenzene	ND	0.50	1	09/04/2021 15:05		
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	09/04/2021 15:05		
Freon 113	ND	0.50	1	09/04/2021 15:05		
Hexachlorobutadiene	ND	0.50	1	09/04/2021 15:05		
Hexachloroethane	ND	0.20	1	09/04/2021 15:05		
2-Hexanone	ND	0.50	1	09/04/2021 15:05		
Isopropylbenzene	ND	0.50	1	09/04/2021 15:05		
4-Isopropyl toluene	ND	0.50	1	09/04/2021 15:05		
Methyl-t-butyl ether (MTBE)	ND	0.50	1	09/04/2021 15:05		
Methylene chloride	ND	2.0	1	09/04/2021 15:05		
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	09/04/2021 15:05		
Naphthalene	ND	0.30	1	09/04/2021 15:05		
n-Propyl benzene	ND	0.50	1	09/04/2021 15:05		
Styrene	ND	2.0	1	09/04/2021 15:05		
1,1,1,2-Tetrachloroethane	ND	0.50	1	09/04/2021 15:05		
1,1,2,2-Tetrachloroethane	ND	0.020	1	09/04/2021 15:05		
Tetrachloroethene	ND	0.20	1	09/04/2021 15:05		
Toluene	ND	0.50	1	09/04/2021 15:05		
1,2,3-Trichlorobenzene	ND	0.50	1	09/04/2021 15:05		
1,2,4-Trichlorobenzene	ND	0.50	1	09/04/2021 15:05		
1,1,1-Trichloroethane	ND	0.50	1	09/04/2021 15:05		
1,1,2-Trichloroethane	ND	0.20	1	09/04/2021 15:05		
Trichloroethene	ND	0.50	1	09/04/2021 15:05		
Trichlorofluoromethane	ND	0.50	1	09/04/2021 15:05		
1,2,3-Trichloropropane	ND	0.0050	1	09/04/2021 15:05		
1,2,4-Trimethylbenzene	ND	0.50	1	09/04/2021 15:05		
1,3,5-Trimethylbenzene	ND	0.50	1	09/04/2021 15:05		
Vinyl Chloride	ND	0.0050	1	09/04/2021 15:05		
m,p-Xylene	ND	0.50	1	09/04/2021 15:05		
o-Xylene	ND	0.50	1	09/04/2021 15:05		
Xylenes, Total	ND	0.50	1	09/04/2021 15:05		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-7	2109103-012B	Water	08/31/2021 15:45	GC38 09042115.D	229121

Analytes	Result	RL	DE	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
Dibromofluoromethane	93		70-130	09/04/2021 15:05
Toluene-d8	83		70-130	09/04/2021 15:05
4-BFB	69	S	70-130	09/04/2021 15:05
Analyst(s): LT		Analytical Comments: c2,b1		



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-8	2109103-015B	Water	08/30/2021 10:40		GC38 09042116.D	229121
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	40	1	09/04/2021 15:44		
tert-Amyl methyl ether (TAME)	ND	0.50	1	09/04/2021 15:44		
Benzene	ND	0.20	1	09/04/2021 15:44		
Bromobenzene	ND	0.50	1	09/04/2021 15:44		
Bromochloromethane	ND	0.50	1	09/04/2021 15:44		
Bromodichloromethane	ND	0.050	1	09/04/2021 15:44		
Bromoform	ND	0.50	1	09/04/2021 15:44		
Bromomethane	ND	0.50	1	09/04/2021 15:44		
2-Butanone (MEK)	ND	5.0	1	09/04/2021 15:44		
t-Butyl alcohol (TBA)	ND	5.0	1	09/04/2021 15:44		
n-Butyl benzene	ND	0.50	1	09/04/2021 15:44		
sec-Butyl benzene	ND	0.50	1	09/04/2021 15:44		
tert-Butyl benzene	ND	0.50	1	09/04/2021 15:44		
Carbon Disulfide	ND	0.50	1	09/04/2021 15:44		
Carbon Tetrachloride	ND	0.050	1	09/04/2021 15:44		
Chlorobenzene	ND	0.50	1	09/04/2021 15:44		
Chloroethane	ND	0.50	1	09/04/2021 15:44		
Chloroform	ND	0.10	1	09/04/2021 15:44		
Chloromethane	ND	0.50	1	09/04/2021 15:44		
2-Chlorotoluene	ND	0.50	1	09/04/2021 15:44		
4-Chlorotoluene	ND	0.50	1	09/04/2021 15:44		
Dibromochloromethane	ND	0.15	1	09/04/2021 15:44		
1,2-Dibromo-3-chloropropane	ND	0.020	1	09/04/2021 15:44		
1,2-Dibromoethane (EDB)	ND	0.040	1	09/04/2021 15:44		
Dibromomethane	ND	0.50	1	09/04/2021 15:44		
1,2-Dichlorobenzene	ND	0.50	1	09/04/2021 15:44		
1,3-Dichlorobenzene	ND	0.50	1	09/04/2021 15:44		
1,4-Dichlorobenzene	ND	0.50	1	09/04/2021 15:44		
Dichlorodifluoromethane	ND	0.50	1	09/04/2021 15:44		
1,1-Dichloroethane	ND	0.50	1	09/04/2021 15:44		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	09/04/2021 15:44		
1,1-Dichloroethene	ND	0.010	1	09/04/2021 15:44		
cis-1,2-Dichloroethene	ND	0.50	1	09/04/2021 15:44		
trans-1,2-Dichloroethene	ND	0.50	1	09/04/2021 15:44		
1,2-Dichloropropane	ND	0.20	1	09/04/2021 15:44		
1,3-Dichloropropane	ND	0.50	1	09/04/2021 15:44		
2,2-Dichloropropane	ND	0.50	1	09/04/2021 15:44		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-8	2109103-015B	Water	08/30/2021 10:40		GC38 09042116.D	229121
Analytes	Result	RL	DE	Date Analyzed		
1,1-Dichloropropene	ND	0.50	1	09/04/2021 15:44		
cis-1,3-Dichloropropene	ND	0.50	1	09/04/2021 15:44		
trans-1,3-Dichloropropene	ND	0.50	1	09/04/2021 15:44		
Diisopropyl ether (DIPE)	ND	0.50	1	09/04/2021 15:44		
Ethylbenzene	ND	0.50	1	09/04/2021 15:44		
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	09/04/2021 15:44		
Freon 113	ND	0.50	1	09/04/2021 15:44		
Hexachlorobutadiene	ND	0.50	1	09/04/2021 15:44		
Hexachloroethane	ND	0.20	1	09/04/2021 15:44		
2-Hexanone	ND	0.50	1	09/04/2021 15:44		
Isopropylbenzene	ND	0.50	1	09/04/2021 15:44		
4-Isopropyl toluene	ND	0.50	1	09/04/2021 15:44		
Methyl-t-butyl ether (MTBE)	0.71	0.50	1	09/04/2021 15:44		
Methylene chloride	ND	2.0	1	09/04/2021 15:44		
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	09/04/2021 15:44		
Naphthalene	ND	0.30	1	09/04/2021 15:44		
n-Propyl benzene	ND	0.50	1	09/04/2021 15:44		
Styrene	ND	2.0	1	09/04/2021 15:44		
1,1,1,2-Tetrachloroethane	ND	0.50	1	09/04/2021 15:44		
1,1,2,2-Tetrachloroethane	ND	0.020	1	09/04/2021 15:44		
Tetrachloroethene	ND	0.20	1	09/04/2021 15:44		
Toluene	ND	0.50	1	09/04/2021 15:44		
1,2,3-Trichlorobenzene	ND	0.50	1	09/04/2021 15:44		
1,2,4-Trichlorobenzene	ND	0.50	1	09/04/2021 15:44		
1,1,1-Trichloroethane	ND	0.50	1	09/04/2021 15:44		
1,1,2-Trichloroethane	ND	0.20	1	09/04/2021 15:44		
Trichloroethene	ND	0.50	1	09/04/2021 15:44		
Trichlorofluoromethane	ND	0.50	1	09/04/2021 15:44		
1,2,3-Trichloropropane	ND	0.0050	1	09/04/2021 15:44		
1,2,4-Trimethylbenzene	ND	0.50	1	09/04/2021 15:44		
1,3,5-Trimethylbenzene	ND	0.50	1	09/04/2021 15:44		
Vinyl Chloride	ND	0.0050	1	09/04/2021 15:44		
m,p-Xylene	ND	0.50	1	09/04/2021 15:44		
o-Xylene	ND	0.50	1	09/04/2021 15:44		
Xylenes, Total	ND	0.50	1	09/04/2021 15:44		

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-8	2109103-015B	Water	08/30/2021 10:40	GC38 09042116.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	90	70-130	09/04/2021 15:44
Toluene-d8	83	70-130	09/04/2021 15:44
4-BFB	70	70-130	09/04/2021 15:44

Analyst(s): LT

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-9	2109103-017B	Water	08/31/2021 09:15		GC38 09042129.D	229121
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	40	1	09/05/2021 00:13		
tert-Amyl methyl ether (TAME)	ND	0.50	1	09/05/2021 00:13		
Benzene	ND	0.20	1	09/05/2021 00:13		
Bromobenzene	ND	0.50	1	09/05/2021 00:13		
Bromochloromethane	ND	0.50	1	09/05/2021 00:13		
Bromodichloromethane	ND	0.050	1	09/05/2021 00:13		
Bromoform	ND	0.50	1	09/05/2021 00:13		
Bromomethane	ND	0.50	1	09/05/2021 00:13		
2-Butanone (MEK)	ND	5.0	1	09/05/2021 00:13		
t-Butyl alcohol (TBA)	ND	5.0	1	09/05/2021 00:13		
n-Butyl benzene	ND	0.50	1	09/05/2021 00:13		
sec-Butyl benzene	ND	0.50	1	09/05/2021 00:13		
tert-Butyl benzene	ND	0.50	1	09/05/2021 00:13		
Carbon Disulfide	ND	0.50	1	09/05/2021 00:13		
Carbon Tetrachloride	ND	0.050	1	09/05/2021 00:13		
Chlorobenzene	ND	0.50	1	09/05/2021 00:13		
Chloroethane	ND	0.50	1	09/05/2021 00:13		
Chloroform	ND	0.10	1	09/05/2021 00:13		
Chloromethane	ND	0.50	1	09/05/2021 00:13		
2-Chlorotoluene	ND	0.50	1	09/05/2021 00:13		
4-Chlorotoluene	ND	0.50	1	09/05/2021 00:13		
Dibromochloromethane	ND	0.15	1	09/05/2021 00:13		
1,2-Dibromo-3-chloropropane	ND	0.020	1	09/05/2021 00:13		
1,2-Dibromoethane (EDB)	ND	0.040	1	09/05/2021 00:13		
Dibromomethane	ND	0.50	1	09/05/2021 00:13		
1,2-Dichlorobenzene	ND	0.50	1	09/05/2021 00:13		
1,3-Dichlorobenzene	ND	0.50	1	09/05/2021 00:13		
1,4-Dichlorobenzene	ND	0.50	1	09/05/2021 00:13		
Dichlorodifluoromethane	ND	0.50	1	09/05/2021 00:13		
1,1-Dichloroethane	ND	0.50	1	09/05/2021 00:13		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	09/05/2021 00:13		
1,1-Dichloroethene	ND	0.010	1	09/05/2021 00:13		
cis-1,2-Dichloroethene	ND	0.50	1	09/05/2021 00:13		
trans-1,2-Dichloroethene	ND	0.50	1	09/05/2021 00:13		
1,2-Dichloropropane	ND	0.20	1	09/05/2021 00:13		
1,3-Dichloropropane	ND	0.50	1	09/05/2021 00:13		
2,2-Dichloropropane	ND	0.50	1	09/05/2021 00:13		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-9	2109103-017B	Water	08/31/2021 09:15		GC38 09042129.D	229121
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>	
1,1-Dichloropropene	ND		0.50	1	09/05/2021 00:13	
cis-1,3-Dichloropropene	ND		0.50	1	09/05/2021 00:13	
trans-1,3-Dichloropropene	ND		0.50	1	09/05/2021 00:13	
Diisopropyl ether (DIPE)	ND		0.50	1	09/05/2021 00:13	
Ethylbenzene	ND		0.50	1	09/05/2021 00:13	
Ethyl tert-butyl ether (ETBE)	ND		0.50	1	09/05/2021 00:13	
Freon 113	ND		0.50	1	09/05/2021 00:13	
Hexachlorobutadiene	ND		0.50	1	09/05/2021 00:13	
Hexachloroethane	ND		0.20	1	09/05/2021 00:13	
2-Hexanone	ND		0.50	1	09/05/2021 00:13	
Isopropylbenzene	ND		0.50	1	09/05/2021 00:13	
4-Isopropyl toluene	ND		0.50	1	09/05/2021 00:13	
Methyl-t-butyl ether (MTBE)	1.7		0.50	1	09/05/2021 00:13	
Methylene chloride	ND		2.0	1	09/05/2021 00:13	
4-Methyl-2-pentanone (MIBK)	ND		0.50	1	09/05/2021 00:13	
Naphthalene	ND		0.30	1	09/05/2021 00:13	
n-Propyl benzene	ND		0.50	1	09/05/2021 00:13	
Styrene	ND		2.0	1	09/05/2021 00:13	
1,1,1,2-Tetrachloroethane	ND		0.50	1	09/05/2021 00:13	
1,1,2,2-Tetrachloroethane	ND		0.020	1	09/05/2021 00:13	
Tetrachloroethene	ND		0.20	1	09/05/2021 00:13	
Toluene	ND		0.50	1	09/05/2021 00:13	
1,2,3-Trichlorobenzene	ND		0.50	1	09/05/2021 00:13	
1,2,4-Trichlorobenzene	ND		0.50	1	09/05/2021 00:13	
1,1,1-Trichloroethane	ND		0.50	1	09/05/2021 00:13	
1,1,2-Trichloroethane	ND		0.20	1	09/05/2021 00:13	
Trichloroethene	ND		0.50	1	09/05/2021 00:13	
Trichlorofluoromethane	ND		0.50	1	09/05/2021 00:13	
1,2,3-Trichloropropane	ND		0.0050	1	09/05/2021 00:13	
1,2,4-Trimethylbenzene	ND		0.50	1	09/05/2021 00:13	
1,3,5-Trimethylbenzene	ND		0.50	1	09/05/2021 00:13	
Vinyl Chloride	ND		0.0050	1	09/05/2021 00:13	
m,p-Xylene	ND		0.50	1	09/05/2021 00:13	
o-Xylene	ND		0.50	1	09/05/2021 00:13	
Xylenes, Total	ND		0.50	1	09/05/2021 00:13	

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-9	2109103-017B	Water	08/31/2021 09:15	GC38 09042129.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	94	70-130	09/05/2021 00:13
Toluene-d8	83	70-130	09/05/2021 00:13
4-BFB	71	70-130	09/05/2021 00:13

Analyst(s): LT

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-10	2109103-019B	Water	08/31/2021 12:10		GC38 09042130.D	229121
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	40	1	09/05/2021 00:51		
tert-Amyl methyl ether (TAME)	ND	0.50	1	09/05/2021 00:51		
Benzene	ND	0.20	1	09/05/2021 00:51		
Bromobenzene	ND	0.50	1	09/05/2021 00:51		
Bromochloromethane	ND	0.50	1	09/05/2021 00:51		
Bromodichloromethane	ND	0.050	1	09/05/2021 00:51		
Bromoform	ND	0.50	1	09/05/2021 00:51		
Bromomethane	ND	0.50	1	09/05/2021 00:51		
2-Butanone (MEK)	ND	5.0	1	09/05/2021 00:51		
t-Butyl alcohol (TBA)	ND	5.0	1	09/05/2021 00:51		
n-Butyl benzene	ND	0.50	1	09/05/2021 00:51		
sec-Butyl benzene	ND	0.50	1	09/05/2021 00:51		
tert-Butyl benzene	ND	0.50	1	09/05/2021 00:51		
Carbon Disulfide	ND	0.50	1	09/05/2021 00:51		
Carbon Tetrachloride	ND	0.050	1	09/05/2021 00:51		
Chlorobenzene	ND	0.50	1	09/05/2021 00:51		
Chloroethane	ND	0.50	1	09/05/2021 00:51		
Chloroform	ND	0.10	1	09/05/2021 00:51		
Chloromethane	ND	0.50	1	09/05/2021 00:51		
2-Chlorotoluene	ND	0.50	1	09/05/2021 00:51		
4-Chlorotoluene	ND	0.50	1	09/05/2021 00:51		
Dibromochloromethane	ND	0.15	1	09/05/2021 00:51		
1,2-Dibromo-3-chloropropane	ND	0.020	1	09/05/2021 00:51		
1,2-Dibromoethane (EDB)	ND	0.040	1	09/05/2021 00:51		
Dibromomethane	ND	0.50	1	09/05/2021 00:51		
1,2-Dichlorobenzene	ND	0.50	1	09/05/2021 00:51		
1,3-Dichlorobenzene	ND	0.50	1	09/05/2021 00:51		
1,4-Dichlorobenzene	ND	0.50	1	09/05/2021 00:51		
Dichlorodifluoromethane	ND	0.50	1	09/05/2021 00:51		
1,1-Dichloroethane	ND	0.50	1	09/05/2021 00:51		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	09/05/2021 00:51		
1,1-Dichloroethene	ND	0.010	1	09/05/2021 00:51		
cis-1,2-Dichloroethene	ND	0.50	1	09/05/2021 00:51		
trans-1,2-Dichloroethene	ND	0.50	1	09/05/2021 00:51		
1,2-Dichloropropane	ND	0.20	1	09/05/2021 00:51		
1,3-Dichloropropane	ND	0.50	1	09/05/2021 00:51		
2,2-Dichloropropane	ND	0.50	1	09/05/2021 00:51		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-10	2109103-019B	Water	08/31/2021 12:10		GC38 09042130.D	229121
Analytes	Result	RL	DE	Date Analyzed		
1,1-Dichloropropene	ND	0.50	1	09/05/2021 00:51		
cis-1,3-Dichloropropene	ND	0.50	1	09/05/2021 00:51		
trans-1,3-Dichloropropene	ND	0.50	1	09/05/2021 00:51		
Diisopropyl ether (DIPE)	ND	0.50	1	09/05/2021 00:51		
Ethylbenzene	ND	0.50	1	09/05/2021 00:51		
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	09/05/2021 00:51		
Freon 113	ND	0.50	1	09/05/2021 00:51		
Hexachlorobutadiene	ND	0.50	1	09/05/2021 00:51		
Hexachloroethane	ND	0.20	1	09/05/2021 00:51		
2-Hexanone	ND	0.50	1	09/05/2021 00:51		
Isopropylbenzene	ND	0.50	1	09/05/2021 00:51		
4-Isopropyl toluene	ND	0.50	1	09/05/2021 00:51		
Methyl-t-butyl ether (MTBE)	1.3	0.50	1	09/05/2021 00:51		
Methylene chloride	ND	2.0	1	09/05/2021 00:51		
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	09/05/2021 00:51		
Naphthalene	ND	0.30	1	09/05/2021 00:51		
n-Propyl benzene	ND	0.50	1	09/05/2021 00:51		
Styrene	ND	2.0	1	09/05/2021 00:51		
1,1,1,2-Tetrachloroethane	ND	0.50	1	09/05/2021 00:51		
1,1,2,2-Tetrachloroethane	ND	0.020	1	09/05/2021 00:51		
Tetrachloroethene	ND	0.20	1	09/05/2021 00:51		
Toluene	ND	0.50	1	09/05/2021 00:51		
1,2,3-Trichlorobenzene	ND	0.50	1	09/05/2021 00:51		
1,2,4-Trichlorobenzene	ND	0.50	1	09/05/2021 00:51		
1,1,1-Trichloroethane	ND	0.50	1	09/05/2021 00:51		
1,1,2-Trichloroethane	ND	0.20	1	09/05/2021 00:51		
Trichloroethene	ND	0.50	1	09/05/2021 00:51		
Trichlorofluoromethane	ND	0.50	1	09/05/2021 00:51		
1,2,3-Trichloropropane	ND	0.0050	1	09/05/2021 00:51		
1,2,4-Trimethylbenzene	ND	0.50	1	09/05/2021 00:51		
1,3,5-Trimethylbenzene	ND	0.50	1	09/05/2021 00:51		
Vinyl Chloride	ND	0.0050	1	09/05/2021 00:51		
m,p-Xylene	ND	0.50	1	09/05/2021 00:51		
o-Xylene	ND	0.50	1	09/05/2021 00:51		
Xylenes, Total	ND	0.50	1	09/05/2021 00:51		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-10	2109103-019B	Water	08/31/2021 12:10	GC38 09042130.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
Dibromofluoromethane	95		70-130	09/05/2021 00:51
Toluene-d8	83		70-130	09/05/2021 00:51
4-BFB	69	S	70-130	09/05/2021 00:51

Analyst(s): LT

Analytical Comments: c2,b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-12	2109103-022B	Water	08/30/2021 14:10		GC38 09042131.D	229121
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	40	1	09/05/2021 01:29		
tert-Amyl methyl ether (TAME)	ND	0.50	1	09/05/2021 01:29		
Benzene	ND	0.20	1	09/05/2021 01:29		
Bromobenzene	ND	0.50	1	09/05/2021 01:29		
Bromochloromethane	ND	0.50	1	09/05/2021 01:29		
Bromodichloromethane	ND	0.050	1	09/05/2021 01:29		
Bromoform	ND	0.50	1	09/05/2021 01:29		
Bromomethane	ND	0.50	1	09/05/2021 01:29		
2-Butanone (MEK)	ND	5.0	1	09/05/2021 01:29		
t-Butyl alcohol (TBA)	ND	5.0	1	09/05/2021 01:29		
n-Butyl benzene	ND	0.50	1	09/05/2021 01:29		
sec-Butyl benzene	ND	0.50	1	09/05/2021 01:29		
tert-Butyl benzene	ND	0.50	1	09/05/2021 01:29		
Carbon Disulfide	ND	0.50	1	09/05/2021 01:29		
Carbon Tetrachloride	ND	0.050	1	09/05/2021 01:29		
Chlorobenzene	ND	0.50	1	09/05/2021 01:29		
Chloroethane	ND	0.50	1	09/05/2021 01:29		
Chloroform	ND	0.10	1	09/05/2021 01:29		
Chloromethane	ND	0.50	1	09/05/2021 01:29		
2-Chlorotoluene	ND	0.50	1	09/05/2021 01:29		
4-Chlorotoluene	ND	0.50	1	09/05/2021 01:29		
Dibromochloromethane	ND	0.15	1	09/05/2021 01:29		
1,2-Dibromo-3-chloropropane	ND	0.020	1	09/05/2021 01:29		
1,2-Dibromoethane (EDB)	ND	0.040	1	09/05/2021 01:29		
Dibromomethane	ND	0.50	1	09/05/2021 01:29		
1,2-Dichlorobenzene	ND	0.50	1	09/05/2021 01:29		
1,3-Dichlorobenzene	ND	0.50	1	09/05/2021 01:29		
1,4-Dichlorobenzene	ND	0.50	1	09/05/2021 01:29		
Dichlorodifluoromethane	ND	0.50	1	09/05/2021 01:29		
1,1-Dichloroethane	ND	0.50	1	09/05/2021 01:29		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	09/05/2021 01:29		
1,1-Dichloroethene	ND	0.010	1	09/05/2021 01:29		
cis-1,2-Dichloroethene	ND	0.50	1	09/05/2021 01:29		
trans-1,2-Dichloroethene	ND	0.50	1	09/05/2021 01:29		
1,2-Dichloropropane	ND	0.20	1	09/05/2021 01:29		
1,3-Dichloropropane	ND	0.50	1	09/05/2021 01:29		
2,2-Dichloropropane	ND	0.50	1	09/05/2021 01:29		

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-12	2109103-022B	Water	08/30/2021 14:10		GC38 09042131.D	229121
Analytes	Result	RL	DE	Date Analyzed		
1,1-Dichloropropene	ND	0.50	1	09/05/2021 01:29		
cis-1,3-Dichloropropene	ND	0.50	1	09/05/2021 01:29		
trans-1,3-Dichloropropene	ND	0.50	1	09/05/2021 01:29		
Diisopropyl ether (DIPE)	ND	0.50	1	09/05/2021 01:29		
Ethylbenzene	ND	0.50	1	09/05/2021 01:29		
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	09/05/2021 01:29		
Freon 113	ND	0.50	1	09/05/2021 01:29		
Hexachlorobutadiene	ND	0.50	1	09/05/2021 01:29		
Hexachloroethane	ND	0.20	1	09/05/2021 01:29		
2-Hexanone	ND	0.50	1	09/05/2021 01:29		
Isopropylbenzene	ND	0.50	1	09/05/2021 01:29		
4-Isopropyl toluene	ND	0.50	1	09/05/2021 01:29		
Methyl-t-butyl ether (MTBE)	0.56	0.50	1	09/05/2021 01:29		
Methylene chloride	ND	2.0	1	09/05/2021 01:29		
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	09/05/2021 01:29		
Naphthalene	ND	0.30	1	09/05/2021 01:29		
n-Propyl benzene	ND	0.50	1	09/05/2021 01:29		
Styrene	ND	2.0	1	09/05/2021 01:29		
1,1,1,2-Tetrachloroethane	ND	0.50	1	09/05/2021 01:29		
1,1,2,2-Tetrachloroethane	ND	0.020	1	09/05/2021 01:29		
Tetrachloroethene	ND	0.20	1	09/05/2021 01:29		
Toluene	ND	0.50	1	09/05/2021 01:29		
1,2,3-Trichlorobenzene	ND	0.50	1	09/05/2021 01:29		
1,2,4-Trichlorobenzene	ND	0.50	1	09/05/2021 01:29		
1,1,1-Trichloroethane	ND	0.50	1	09/05/2021 01:29		
1,1,2-Trichloroethane	ND	0.20	1	09/05/2021 01:29		
Trichloroethene	ND	0.50	1	09/05/2021 01:29		
Trichlorofluoromethane	ND	0.50	1	09/05/2021 01:29		
1,2,3-Trichloropropane	ND	0.0050	1	09/05/2021 01:29		
1,2,4-Trimethylbenzene	ND	0.50	1	09/05/2021 01:29		
1,3,5-Trimethylbenzene	ND	0.50	1	09/05/2021 01:29		
Vinyl Chloride	ND	0.0050	1	09/05/2021 01:29		
m,p-Xylene	ND	0.50	1	09/05/2021 01:29		
o-Xylene	ND	0.50	1	09/05/2021 01:29		
Xylenes, Total	ND	0.50	1	09/05/2021 01:29		

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-12	2109103-022B	Water	08/30/2021 14:10	GC38 09042131.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	93	70-130	09/05/2021 01:29
Toluene-d8	83	70-130	09/05/2021 01:29
4-BFB	72	70-130	09/05/2021 01:29

Analyst(s): LT

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

TPH(g)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-1-5.0	2109103-001A	Soil	08/31/2021 14:00	GC18 09042120.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	0.25	1	09/04/2021 19:17

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	89	70-140	09/04/2021 19:17
Benzene-D6	93	50-140	09/04/2021 19:17

Analyst(s): AK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-2-5.0	2109103-003A	Soil	08/31/2021 14:15	GC18 09042121.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	0.25	1	09/04/2021 19:58

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	89	70-140	09/04/2021 19:58
Benzene-D6	90	50-140	09/04/2021 19:58

Analyst(s): AK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-3-4.0	2109103-004A	Soil	08/31/2021 11:30	GC18 09042122.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	0.25	1	09/04/2021 20:39

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	89	70-140	09/04/2021 20:39
Benzene-D6	92	50-140	09/04/2021 20:39

Analyst(s): AK

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

TPH(g)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-4-5.0	2109103-006A	Soil	08/31/2021 11:45	GC18 09042123.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	0.25	1	09/04/2021 21:19

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	90	70-140	09/04/2021 21:19
Benzene-D6	94	50-140	09/04/2021 21:19

Analyst(s): AK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-5-5.0	2109103-008A	Soil	08/31/2021 10:45	GC18 09042124.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	0.25	1	09/04/2021 21:59

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	89	70-140	09/04/2021 21:59
Benzene-D6	97	50-140	09/04/2021 21:59

Analyst(s): AK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-6-5.0	2109103-009A	Soil	08/31/2021 09:50	GC18 09042125.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	0.25	1	09/04/2021 22:40

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	88	70-140	09/04/2021 22:40
Benzene-D6	93	50-140	09/04/2021 22:40

Analyst(s): AK

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

TPH(g)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-7-5.0	2109103-011A	Soil	08/31/2021 15:40	GC18 09042126.D	228914

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	0.25	1	09/04/2021 23:20

Surrogates	REC (%)	Limits	
Dibromofluoromethane	89	70-140	09/04/2021 23:20
Benzene-D6	95	50-140	09/04/2021 23:20

Analyst(s): AK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-8-7.0	2109103-014A	Soil	08/30/2021 10:45	GC18 09042127.D	228914

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	1.1	0.25	1	09/05/2021 00:01

Surrogates	REC (%)	Limits	
Dibromofluoromethane	89	70-140	09/05/2021 00:01
Benzene-D6	89	50-140	09/05/2021 00:01

Analyst(s): AK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-9-5.0	2109103-016A	Soil	08/31/2021 08:30	GC18 09042128.D	228914

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	0.25	1	09/05/2021 00:41

Surrogates	REC (%)	Limits	
Dibromofluoromethane	89	70-140	09/05/2021 00:41
Benzene-D6	92	50-140	09/05/2021 00:41

Analyst(s): AK

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

TPH(g)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-10-5.0	2109103-018A	Soil	08/31/2021 11:50	GC18 09042129.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	0.25	1	09/05/2021 01:21

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	88	70-140	09/05/2021 01:21
Benzene-D6	93	50-140	09/05/2021 01:21

Analyst(s): AK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-11-5.0	2109103-020A	Soil	08/30/2021 13:30	GC18 09042130.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	2.6	0.25	1	09/05/2021 02:01

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	87	70-140	09/05/2021 02:01
Benzene-D6	98	50-140	09/05/2021 02:01

Analyst(s): AK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-12-5.0	2109103-021A	Soil	08/30/2021 14:00	GC18 09042131.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	0.25	1	09/05/2021 02:41

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	88	70-140	09/05/2021 02:41
Benzene-D6	100	50-140	09/05/2021 02:41

Analyst(s): AK

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

TPH(g)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-13-5.0	2109103-023A	Soil	08/30/2021 15:40	GC18 09042132.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	0.25	1	09/05/2021 03:20

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	88	70-140	09/05/2021 03:20
Benzene-D6	74	50-140	09/05/2021 03:20

Analyst(s): AK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-14-5.0	2109103-024A	Soil	08/30/2021 16:00	GC18 09042133.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	0.25	1	09/05/2021 04:00

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	87	70-140	09/05/2021 04:00
Benzene-D6	96	50-140	09/05/2021 04:00

Analyst(s): AK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-15-3.0	2109103-025A	Soil	08/31/2021 09:30	GC18 09052130.D	228914

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	0.90	0.25	1	09/06/2021 03:54

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	88	70-140	09/06/2021 03:54
Benzene-D6	97	50-140	09/06/2021 03:54

Analyst(s): KF



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

TPH(g)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-1	2109103-002B	Water	08/31/2021 14:30	GC38 09042112.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	50	1	09/04/2021 13:09

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	89	70-130	09/04/2021 13:09

Analyst(s): LT Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-4	2109103-007B	Water	08/31/2021 12:00	GC38 09042113.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	50	1	09/04/2021 13:48

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	90	70-130	09/04/2021 13:48

Analyst(s): LT Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-6	2109103-010B	Water	08/31/2021 10:15	GC38 09042114.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	50	1	09/04/2021 14:26

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	90	70-130	09/04/2021 14:26

Analyst(s): LT Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-7	2109103-012B	Water	08/31/2021 15:45	GC38 09042115.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	50	1	09/04/2021 15:05

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	90	70-130	09/04/2021 15:05

Analyst(s): LT Analytical Comments: b1

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/04/2021-09/05/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

TPH(g)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-8	2109103-015B	Water	08/30/2021 10:40	GC38 09042116.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	50	1	09/04/2021 15:44

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	90	70-130	09/04/2021 15:44

Analyst(s): LT Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-9	2109103-017B	Water	08/31/2021 09:15	GC38 09042129.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	50	1	09/05/2021 00:13

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	89	70-130	09/05/2021 00:13

Analyst(s): LT Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-10	2109103-019B	Water	08/31/2021 12:10	GC38 09042130.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	50	1	09/05/2021 00:51

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	91	70-130	09/05/2021 00:51

Analyst(s): LT Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-12	2109103-022B	Water	08/30/2021 14:10	GC38 09042131.D	229121

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	ND	50	1	09/05/2021 01:29

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Dibromofluoromethane	89	70-130	09/05/2021 01:29

Analyst(s): LT Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-1-5.0	2109103-001A	Soil	08/31/2021 14:00	GC21 09072122.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.021	2	09/07/2021 18:55
Acenaphthylene	ND	0.021	2	09/07/2021 18:55
Anthracene	ND	0.021	2	09/07/2021 18:55
Benzo (a) anthracene	ND	0.21	2	09/07/2021 18:55
Benzo (a) pyrene	ND	0.040	2	09/07/2021 18:55
Benzo (b) fluoranthene	ND	0.040	2	09/07/2021 18:55
Benzo (g,h,i) perylene	ND	0.040	2	09/07/2021 18:55
Benzo (k) fluoranthene	ND	0.040	2	09/07/2021 18:55
Chrysene	ND	0.040	2	09/07/2021 18:55
Dibenzo (a,h) anthracene	ND	0.040	2	09/07/2021 18:55
Fluoranthene	0.053	0.040	2	09/07/2021 18:55
Fluorene	ND	0.040	2	09/07/2021 18:55
Indeno (1,2,3-cd) pyrene	ND	0.21	2	09/07/2021 18:55
1-Methylnaphthalene	ND	0.021	2	09/07/2021 18:55
2-Methylnaphthalene	ND	0.021	2	09/07/2021 18:55
Naphthalene	ND	0.021	2	09/07/2021 18:55
Phenanthrene	ND	0.080	2	09/07/2021 18:55
Pyrene	ND	0.040	2	09/07/2021 18:55

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	66	60-130	09/07/2021 18:55
2-Fluorophenol	73	60-130	09/07/2021 18:55

Analyst(s): BRV

Analytical Comments: a3,a4

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-2-5.0	2109103-003A	Soil	08/31/2021 14:15	GC21 09072123.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.010	1	09/07/2021 19:23
Acenaphthylene	ND	0.010	1	09/07/2021 19:23
Anthracene	ND	0.010	1	09/07/2021 19:23
Benzo (a) anthracene	ND	0.10	1	09/07/2021 19:23
Benzo (a) pyrene	ND	0.020	1	09/07/2021 19:23
Benzo (b) fluoranthene	ND	0.020	1	09/07/2021 19:23
Benzo (g,h,i) perylene	ND	0.020	1	09/07/2021 19:23
Benzo (k) fluoranthene	ND	0.020	1	09/07/2021 19:23
Chrysene	ND	0.020	1	09/07/2021 19:23
Dibenzo (a,h) anthracene	ND	0.020	1	09/07/2021 19:23
Fluoranthene	0.037	0.020	1	09/07/2021 19:23
Fluorene	ND	0.020	1	09/07/2021 19:23
Indeno (1,2,3-cd) pyrene	ND	0.10	1	09/07/2021 19:23
1-Methylnaphthalene	ND	0.010	1	09/07/2021 19:23
2-Methylnaphthalene	ND	0.010	1	09/07/2021 19:23
Naphthalene	ND	0.010	1	09/07/2021 19:23
Phenanthrene	ND	0.040	1	09/07/2021 19:23
Pyrene	ND	0.020	1	09/07/2021 19:23

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	82	60-130	09/07/2021 19:23
2-Fluorophenol	75	60-130	09/07/2021 19:23

Analyst(s): BRV

Analytical Comments: a4

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-3-4.0	2109103-004A	Soil	08/31/2021 11:30	GC21 09072124.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.0013	1	09/07/2021 19:52
Acenaphthylene	ND	0.0013	1	09/07/2021 19:52
Anthracene	ND	0.0013	1	09/07/2021 19:52
Benzo (a) anthracene	ND	0.013	1	09/07/2021 19:52
Benzo (a) pyrene	ND	0.0025	1	09/07/2021 19:52
Benzo (b) fluoranthene	ND	0.0025	1	09/07/2021 19:52
Benzo (g,h,i) perylene	ND	0.0025	1	09/07/2021 19:52
Benzo (k) fluoranthene	ND	0.0025	1	09/07/2021 19:52
Chrysene	ND	0.0025	1	09/07/2021 19:52
Dibenzo (a,h) anthracene	ND	0.0025	1	09/07/2021 19:52
Fluoranthene	ND	0.0025	1	09/07/2021 19:52
Fluorene	ND	0.0025	1	09/07/2021 19:52
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/07/2021 19:52
1-Methylnaphthalene	ND	0.0013	1	09/07/2021 19:52
2-Methylnaphthalene	ND	0.0013	1	09/07/2021 19:52
Naphthalene	ND	0.0013	1	09/07/2021 19:52
Phenanthrene	ND	0.0050	1	09/07/2021 19:52
Pyrene	ND	0.0025	1	09/07/2021 19:52

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	73	60-130	09/07/2021 19:52
2-Fluorophenol	74	60-130	09/07/2021 19:52

Analyst(s): BRV



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-4-5.0	2109103-006A	Soil	08/31/2021 11:45	GC21 09072125.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.0013	1	09/07/2021 20:21
Acenaphthylene	ND	0.0013	1	09/07/2021 20:21
Anthracene	ND	0.0013	1	09/07/2021 20:21
Benzo (a) anthracene	ND	0.013	1	09/07/2021 20:21
Benzo (a) pyrene	ND	0.0025	1	09/07/2021 20:21
Benzo (b) fluoranthene	ND	0.0025	1	09/07/2021 20:21
Benzo (g,h,i) perylene	ND	0.0025	1	09/07/2021 20:21
Benzo (k) fluoranthene	ND	0.0025	1	09/07/2021 20:21
Chrysene	ND	0.0025	1	09/07/2021 20:21
Dibenzo (a,h) anthracene	ND	0.0025	1	09/07/2021 20:21
Fluoranthene	0.0044	0.0025	1	09/07/2021 20:21
Fluorene	ND	0.0025	1	09/07/2021 20:21
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/07/2021 20:21
1-Methylnaphthalene	ND	0.0013	1	09/07/2021 20:21
2-Methylnaphthalene	ND	0.0013	1	09/07/2021 20:21
Naphthalene	ND	0.0013	1	09/07/2021 20:21
Phenanthrene	ND	0.0050	1	09/07/2021 20:21
Pyrene	0.0025	0.0025	1	09/07/2021 20:21

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	70	60-130	09/07/2021 20:21
2-Fluorophenol	75	60-130	09/07/2021 20:21

Analyst(s): BRV

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-5-5.0	2109103-008A	Soil	08/31/2021 10:45	GC21 09072126.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.21	20	09/07/2021 20:49
Acenaphthylene	ND	0.21	20	09/07/2021 20:49
Anthracene	ND	0.21	20	09/07/2021 20:49
Benzo (a) anthracene	ND	2.1	20	09/07/2021 20:49
Benzo (a) pyrene	ND	0.40	20	09/07/2021 20:49
Benzo (b) fluoranthene	ND	0.40	20	09/07/2021 20:49
Benzo (g,h,i) perylene	ND	0.40	20	09/07/2021 20:49
Benzo (k) fluoranthene	ND	0.40	20	09/07/2021 20:49
Chrysene	ND	0.40	20	09/07/2021 20:49
Dibenzo (a,h) anthracene	ND	0.40	20	09/07/2021 20:49
Fluoranthene	ND	0.40	20	09/07/2021 20:49
Fluorene	ND	0.40	20	09/07/2021 20:49
Indeno (1,2,3-cd) pyrene	ND	2.1	20	09/07/2021 20:49
1-Methylnaphthalene	ND	0.21	20	09/07/2021 20:49
2-Methylnaphthalene	ND	0.21	20	09/07/2021 20:49
Naphthalene	ND	0.21	20	09/07/2021 20:49
Phenanthrene	ND	0.80	20	09/07/2021 20:49
Pyrene	ND	0.40	20	09/07/2021 20:49

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	87	60-130	09/07/2021 20:49
2-Fluorophenol	82	60-130	09/07/2021 20:49

Analyst(s): BRV

Analytical Comments: a3,a4

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-6-5.0	2109103-009A	Soil	08/31/2021 09:50	GC21 09072144.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.010	1	09/08/2021 05:13
Acenaphthylene	ND	0.010	1	09/08/2021 05:13
Anthracene	ND	0.010	1	09/08/2021 05:13
Benzo (a) anthracene	ND	0.10	1	09/08/2021 05:13
Benzo (a) pyrene	ND	0.020	1	09/08/2021 05:13
Benzo (b) fluoranthene	ND	0.020	1	09/08/2021 05:13
Benzo (g,h,i) perylene	ND	0.020	1	09/08/2021 05:13
Benzo (k) fluoranthene	ND	0.020	1	09/08/2021 05:13
Chrysene	ND	0.020	1	09/08/2021 05:13
Dibenzo (a,h) anthracene	ND	0.020	1	09/08/2021 05:13
Fluoranthene	0.027	0.020	1	09/08/2021 05:13
Fluorene	ND	0.020	1	09/08/2021 05:13
Indeno (1,2,3-cd) pyrene	ND	0.10	1	09/08/2021 05:13
1-Methylnaphthalene	ND	0.010	1	09/08/2021 05:13
2-Methylnaphthalene	ND	0.010	1	09/08/2021 05:13
Naphthalene	ND	0.010	1	09/08/2021 05:13
Phenanthrene	ND	0.040	1	09/08/2021 05:13
Pyrene	ND	0.020	1	09/08/2021 05:13

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	82	60-130	09/08/2021 05:13
2-Fluorophenol	67	60-130	09/08/2021 05:13

Analyst(s): BRV

Analytical Comments: a4

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-7-5.0	2109103-011A	Soil	08/31/2021 15:40	GC21 09072145.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.021	2	09/08/2021 05:41
Acenaphthylene	ND	0.021	2	09/08/2021 05:41
Anthracene	ND	0.021	2	09/08/2021 05:41
Benzo (a) anthracene	ND	0.21	2	09/08/2021 05:41
Benzo (a) pyrene	ND	0.040	2	09/08/2021 05:41
Benzo (b) fluoranthene	ND	0.040	2	09/08/2021 05:41
Benzo (g,h,i) perylene	ND	0.040	2	09/08/2021 05:41
Benzo (k) fluoranthene	ND	0.040	2	09/08/2021 05:41
Chrysene	ND	0.040	2	09/08/2021 05:41
Dibenzo (a,h) anthracene	ND	0.040	2	09/08/2021 05:41
Fluoranthene	ND	0.040	2	09/08/2021 05:41
Fluorene	ND	0.040	2	09/08/2021 05:41
Indeno (1,2,3-cd) pyrene	ND	0.21	2	09/08/2021 05:41
1-Methylnaphthalene	ND	0.021	2	09/08/2021 05:41
2-Methylnaphthalene	ND	0.021	2	09/08/2021 05:41
Naphthalene	ND	0.021	2	09/08/2021 05:41
Phenanthrene	ND	0.080	2	09/08/2021 05:41
Pyrene	ND	0.040	2	09/08/2021 05:41

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	79	60-130	09/08/2021 05:41
2-Fluorophenol	69	60-130	09/08/2021 05:41

Analyst(s): BRV

Analytical Comments: a3,a4

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-8-7.0	2109103-014A	Soil	08/30/2021 10:45	GC21 09072146.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.010	1	09/08/2021 06:08
Acenaphthylene	ND	0.010	1	09/08/2021 06:08
Anthracene	ND	0.010	1	09/08/2021 06:08
Benzo (a) anthracene	ND	0.10	1	09/08/2021 06:08
Benzo (a) pyrene	ND	0.020	1	09/08/2021 06:08
Benzo (b) fluoranthene	ND	0.020	1	09/08/2021 06:08
Benzo (g,h,i) perylene	ND	0.020	1	09/08/2021 06:08
Benzo (k) fluoranthene	ND	0.020	1	09/08/2021 06:08
Chrysene	ND	0.020	1	09/08/2021 06:08
Dibenzo (a,h) anthracene	ND	0.020	1	09/08/2021 06:08
Fluoranthene	0.027	0.020	1	09/08/2021 06:08
Fluorene	ND	0.020	1	09/08/2021 06:08
Indeno (1,2,3-cd) pyrene	ND	0.10	1	09/08/2021 06:08
1-Methylnaphthalene	ND	0.010	1	09/08/2021 06:08
2-Methylnaphthalene	ND	0.010	1	09/08/2021 06:08
Naphthalene	ND	0.010	1	09/08/2021 06:08
Phenanthrene	ND	0.040	1	09/08/2021 06:08
Pyrene	ND	0.020	1	09/08/2021 06:08

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	86	60-130	09/08/2021 06:08
2-Fluorophenol	80	60-130	09/08/2021 06:08

Analyst(s): BRV

Analytical Comments: a4

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-9-5.0	2109103-016A	Soil	08/31/2021 08:30	GC21 09072147.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.010	1	09/08/2021 06:36
Acenaphthylene	ND	0.010	1	09/08/2021 06:36
Anthracene	ND	0.010	1	09/08/2021 06:36
Benzo (a) anthracene	ND	0.10	1	09/08/2021 06:36
Benzo (a) pyrene	ND	0.020	1	09/08/2021 06:36
Benzo (b) fluoranthene	ND	0.020	1	09/08/2021 06:36
Benzo (g,h,i) perylene	ND	0.020	1	09/08/2021 06:36
Benzo (k) fluoranthene	ND	0.020	1	09/08/2021 06:36
Chrysene	ND	0.020	1	09/08/2021 06:36
Dibenzo (a,h) anthracene	ND	0.020	1	09/08/2021 06:36
Fluoranthene	0.033	0.020	1	09/08/2021 06:36
Fluorene	ND	0.020	1	09/08/2021 06:36
Indeno (1,2,3-cd) pyrene	ND	0.10	1	09/08/2021 06:36
1-Methylnaphthalene	ND	0.010	1	09/08/2021 06:36
2-Methylnaphthalene	ND	0.010	1	09/08/2021 06:36
Naphthalene	ND	0.010	1	09/08/2021 06:36
Phenanthrene	ND	0.040	1	09/08/2021 06:36
Pyrene	ND	0.020	1	09/08/2021 06:36

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	80	60-130	09/08/2021 06:36
2-Fluorophenol	76	60-130	09/08/2021 06:36

Analyst(s): BRV

Analytical Comments: a4

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-10-5.0	2109103-018A	Soil	08/31/2021 11:50	GC21 09072148.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.0013	1	09/08/2021 07:03
Acenaphthylene	ND	0.0013	1	09/08/2021 07:03
Anthracene	ND	0.0013	1	09/08/2021 07:03
Benzo (a) anthracene	ND	0.013	1	09/08/2021 07:03
Benzo (a) pyrene	ND	0.0025	1	09/08/2021 07:03
Benzo (b) fluoranthene	ND	0.0025	1	09/08/2021 07:03
Benzo (g,h,i) perylene	ND	0.0025	1	09/08/2021 07:03
Benzo (k) fluoranthene	ND	0.0025	1	09/08/2021 07:03
Chrysene	ND	0.0025	1	09/08/2021 07:03
Dibenzo (a,h) anthracene	ND	0.0025	1	09/08/2021 07:03
Fluoranthene	ND	0.0025	1	09/08/2021 07:03
Fluorene	ND	0.0025	1	09/08/2021 07:03
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/08/2021 07:03
1-Methylnaphthalene	ND	0.0013	1	09/08/2021 07:03
2-Methylnaphthalene	ND	0.0013	1	09/08/2021 07:03
Naphthalene	ND	0.0013	1	09/08/2021 07:03
Phenanthrene	ND	0.0050	1	09/08/2021 07:03
Pyrene	ND	0.0025	1	09/08/2021 07:03

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	74	60-130	09/08/2021 07:03
2-Fluorophenol	69	60-130	09/08/2021 07:03

Analyst(s): BRV



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-11-5.0	2109103-020A	Soil	08/30/2021 13:30	GC21 09072149.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.021	2	09/08/2021 07:31
Acenaphthylene	ND	0.021	2	09/08/2021 07:31
Anthracene	ND	0.021	2	09/08/2021 07:31
Benzo (a) anthracene	ND	0.21	2	09/08/2021 07:31
Benzo (a) pyrene	ND	0.040	2	09/08/2021 07:31
Benzo (b) fluoranthene	ND	0.040	2	09/08/2021 07:31
Benzo (g,h,i) perylene	ND	0.040	2	09/08/2021 07:31
Benzo (k) fluoranthene	ND	0.040	2	09/08/2021 07:31
Chrysene	ND	0.040	2	09/08/2021 07:31
Dibenzo (a,h) anthracene	ND	0.040	2	09/08/2021 07:31
Fluoranthene	0.054	0.040	2	09/08/2021 07:31
Fluorene	ND	0.040	2	09/08/2021 07:31
Indeno (1,2,3-cd) pyrene	ND	0.21	2	09/08/2021 07:31
1-Methylnaphthalene	ND	0.021	2	09/08/2021 07:31
2-Methylnaphthalene	ND	0.021	2	09/08/2021 07:31
Naphthalene	ND	0.021	2	09/08/2021 07:31
Phenanthrene	ND	0.080	2	09/08/2021 07:31
Pyrene	ND	0.040	2	09/08/2021 07:31

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	81	60-130	09/08/2021 07:31
2-Fluorophenol	67	60-130	09/08/2021 07:31

Analyst(s): BRV

Analytical Comments: a3,a4

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-12-5.0	2109103-021A	Soil	08/30/2021 14:00	GC21 09072150.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.021	2	09/08/2021 07:58
Acenaphthylene	ND	0.021	2	09/08/2021 07:58
Anthracene	ND	0.021	2	09/08/2021 07:58
Benzo (a) anthracene	ND	0.21	2	09/08/2021 07:58
Benzo (a) pyrene	ND	0.040	2	09/08/2021 07:58
Benzo (b) fluoranthene	ND	0.040	2	09/08/2021 07:58
Benzo (g,h,i) perylene	ND	0.040	2	09/08/2021 07:58
Benzo (k) fluoranthene	ND	0.040	2	09/08/2021 07:58
Chrysene	ND	0.040	2	09/08/2021 07:58
Dibenzo (a,h) anthracene	ND	0.040	2	09/08/2021 07:58
Fluoranthene	0.056	0.040	2	09/08/2021 07:58
Fluorene	ND	0.040	2	09/08/2021 07:58
Indeno (1,2,3-cd) pyrene	ND	0.21	2	09/08/2021 07:58
1-Methylnaphthalene	ND	0.021	2	09/08/2021 07:58
2-Methylnaphthalene	ND	0.021	2	09/08/2021 07:58
Naphthalene	ND	0.021	2	09/08/2021 07:58
Phenanthrene	ND	0.080	2	09/08/2021 07:58
Pyrene	ND	0.040	2	09/08/2021 07:58

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	76	60-130	09/08/2021 07:58
2-Fluorophenol	70	60-130	09/08/2021 07:58

Analyst(s): BRV

Analytical Comments: a3,a4

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-13-5.0	2109103-023A	Soil	08/30/2021 15:40	GC21 09072151.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.10	10	09/08/2021 08:26
Acenaphthylene	ND	0.10	10	09/08/2021 08:26
Anthracene	ND	0.10	10	09/08/2021 08:26
Benzo (a) anthracene	ND	1.0	10	09/08/2021 08:26
Benzo (a) pyrene	ND	0.20	10	09/08/2021 08:26
Benzo (b) fluoranthene	ND	0.20	10	09/08/2021 08:26
Benzo (g,h,i) perylene	ND	0.20	10	09/08/2021 08:26
Benzo (k) fluoranthene	ND	0.20	10	09/08/2021 08:26
Chrysene	ND	0.20	10	09/08/2021 08:26
Dibenzo (a,h) anthracene	ND	0.20	10	09/08/2021 08:26
Fluoranthene	ND	0.20	10	09/08/2021 08:26
Fluorene	ND	0.20	10	09/08/2021 08:26
Indeno (1,2,3-cd) pyrene	ND	1.0	10	09/08/2021 08:26
1-Methylnaphthalene	ND	0.10	10	09/08/2021 08:26
2-Methylnaphthalene	ND	0.10	10	09/08/2021 08:26
Naphthalene	ND	0.10	10	09/08/2021 08:26
Phenanthrene	ND	0.40	10	09/08/2021 08:26
Pyrene	ND	0.20	10	09/08/2021 08:26

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	86	60-130	09/08/2021 08:26
2-Fluorophenol	90	60-130	09/08/2021 08:26

Analyst(s): BRV

Analytical Comments: a3,a4

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-14-5.0	2109103-024A	Soil	08/30/2021 16:00	GC21 09072152.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.052	5	09/08/2021 08:54
Acenaphthylene	ND	0.052	5	09/08/2021 08:54
Anthracene	ND	0.052	5	09/08/2021 08:54
Benzo (a) anthracene	ND	0.52	5	09/08/2021 08:54
Benzo (a) pyrene	ND	0.10	5	09/08/2021 08:54
Benzo (b) fluoranthene	ND	0.10	5	09/08/2021 08:54
Benzo (g,h,i) perylene	ND	0.10	5	09/08/2021 08:54
Benzo (k) fluoranthene	ND	0.10	5	09/08/2021 08:54
Chrysene	ND	0.10	5	09/08/2021 08:54
Dibenzo (a,h) anthracene	ND	0.10	5	09/08/2021 08:54
Fluoranthene	0.13	0.10	5	09/08/2021 08:54
Fluorene	ND	0.10	5	09/08/2021 08:54
Indeno (1,2,3-cd) pyrene	ND	0.52	5	09/08/2021 08:54
1-Methylnaphthalene	ND	0.052	5	09/08/2021 08:54
2-Methylnaphthalene	ND	0.052	5	09/08/2021 08:54
Naphthalene	ND	0.052	5	09/08/2021 08:54
Phenanthrene	ND	0.20	5	09/08/2021 08:54
Pyrene	ND	0.10	5	09/08/2021 08:54

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	89	60-130	09/08/2021 08:54
2-Fluorophenol	83	60-130	09/08/2021 08:54

Analyst(s): BRV

Analytical Comments: a3,a4

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-15-3.0	2109103-025A	Soil	08/31/2021 09:30	GC21 09072153.D	229154

Analytes	Result	RL	DE	Date Analyzed
Acenaphthene	ND	0.21	20	09/08/2021 09:22
Acenaphthylene	ND	0.21	20	09/08/2021 09:22
Anthracene	ND	0.21	20	09/08/2021 09:22
Benzo (a) anthracene	ND	2.1	20	09/08/2021 09:22
Benzo (a) pyrene	ND	0.40	20	09/08/2021 09:22
Benzo (b) fluoranthene	ND	0.40	20	09/08/2021 09:22
Benzo (g,h,i) perylene	ND	0.40	20	09/08/2021 09:22
Benzo (k) fluoranthene	ND	0.40	20	09/08/2021 09:22
Chrysene	ND	0.40	20	09/08/2021 09:22
Dibenzo (a,h) anthracene	ND	0.40	20	09/08/2021 09:22
Fluoranthene	ND	0.40	20	09/08/2021 09:22
Fluorene	ND	0.40	20	09/08/2021 09:22
Indeno (1,2,3-cd) pyrene	ND	2.1	20	09/08/2021 09:22
1-Methylnaphthalene	ND	0.21	20	09/08/2021 09:22
2-Methylnaphthalene	ND	0.21	20	09/08/2021 09:22
Naphthalene	ND	0.21	20	09/08/2021 09:22
Phenanthrene	ND	0.80	20	09/08/2021 09:22
Pyrene	ND	0.40	20	09/08/2021 09:22

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	90	60-130	09/08/2021 09:22
2-Fluorophenol	60	60-130	09/08/2021 09:22

Analyst(s): BRV

Analytical Comments: a3,a4



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: E625
Analytical Method: SW8270C
Unit: µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-1	2109103-002A	Water	08/31/2021 14:30	GC21 09072112.D	229065

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0053	1	09/07/2021 14:05
Acenaphthylene	ND	0.0053	1	09/07/2021 14:05
Anthracene	ND	0.011	1	09/07/2021 14:05
Benzo (a) anthracene	ND	0.053	1	09/07/2021 14:05
Benzo (a) pyrene	ND	0.0053	1	09/07/2021 14:05
Benzo (b) fluoranthene	ND	0.021	1	09/07/2021 14:05
Benzo (g,h,i) perylene	ND	0.021	1	09/07/2021 14:05
Benzo (k) fluoranthene	ND	0.011	1	09/07/2021 14:05
Chrysene	ND	0.011	1	09/07/2021 14:05
Dibenzo (a,h) anthracene	ND	0.011	1	09/07/2021 14:05
Fluoranthene	ND	0.011	1	09/07/2021 14:05
Fluorene	ND	0.011	1	09/07/2021 14:05
Indeno (1,2,3-cd) pyrene	ND	0.021	1	09/07/2021 14:05
1-Methylnaphthalene	ND	0.0053	1	09/07/2021 14:05
2-Methylnaphthalene	ND	0.011	1	09/07/2021 14:05
Naphthalene	ND	0.053	1	09/07/2021 14:05
Phenanthrene	ND	0.021	1	09/07/2021 14:05
Pyrene	ND	0.011	1	09/07/2021 14:05

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	40	40-130	09/07/2021 14:05
2-Fluorophenol	28	20-130	09/07/2021 14:05

Analyst(s): BRV

Analytical Comments: c2,b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: E625
Analytical Method: SW8270C
Unit: µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-4	2109103-007A	Water	08/31/2021 12:00	GC21 09072113.D	229065

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0097	2	09/07/2021 14:35
Acenaphthylene	ND	0.0097	2	09/07/2021 14:35
Anthracene	ND	0.019	2	09/07/2021 14:35
Benzo (a) anthracene	ND	0.097	2	09/07/2021 14:35
Benzo (a) pyrene	ND	0.0097	2	09/07/2021 14:35
Benzo (b) fluoranthene	ND	0.039	2	09/07/2021 14:35
Benzo (g,h,i) perylene	ND	0.039	2	09/07/2021 14:35
Benzo (k) fluoranthene	ND	0.019	2	09/07/2021 14:35
Chrysene	ND	0.019	2	09/07/2021 14:35
Dibenzo (a,h) anthracene	ND	0.019	2	09/07/2021 14:35
Fluoranthene	ND	0.019	2	09/07/2021 14:35
Fluorene	ND	0.019	2	09/07/2021 14:35
Indeno (1,2,3-cd) pyrene	ND	0.039	2	09/07/2021 14:35
1-Methylnaphthalene	ND	0.0097	2	09/07/2021 14:35
2-Methylnaphthalene	ND	0.019	2	09/07/2021 14:35
Naphthalene	ND	0.097	2	09/07/2021 14:35
Phenanthrene	ND	0.039	2	09/07/2021 14:35
Pyrene	ND	0.019	2	09/07/2021 14:35

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	51	40-130	09/07/2021 14:35
2-Fluorophenol	26	20-130	09/07/2021 14:35

Analyst(s): BRV

Analytical Comments: a3,c1,b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: E625
Analytical Method: SW8270C
Unit: µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-6	2109103-010A	Water	08/31/2021 10:15	GC21 09072114.D	229065

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.011	2	09/07/2021 15:04
Acenaphthylene	ND	0.011	2	09/07/2021 15:04
Anthracene	ND	0.023	2	09/07/2021 15:04
Benzo (a) anthracene	ND	0.11	2	09/07/2021 15:04
Benzo (a) pyrene	ND	0.011	2	09/07/2021 15:04
Benzo (b) fluoranthene	ND	0.046	2	09/07/2021 15:04
Benzo (g,h,i) perylene	ND	0.046	2	09/07/2021 15:04
Benzo (k) fluoranthene	ND	0.023	2	09/07/2021 15:04
Chrysene	ND	0.023	2	09/07/2021 15:04
Dibenzo (a,h) anthracene	ND	0.023	2	09/07/2021 15:04
Fluoranthene	0.045	0.023	2	09/07/2021 15:04
Fluorene	ND	0.023	2	09/07/2021 15:04
Indeno (1,2,3-cd) pyrene	ND	0.046	2	09/07/2021 15:04
1-Methylnaphthalene	ND	0.011	2	09/07/2021 15:04
2-Methylnaphthalene	ND	0.023	2	09/07/2021 15:04
Naphthalene	ND	0.11	2	09/07/2021 15:04
Phenanthrene	ND	0.046	2	09/07/2021 15:04
Pyrene	0.025	0.023	2	09/07/2021 15:04

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	60	40-130	09/07/2021 15:04
2-Fluorophenol	31	20-130	09/07/2021 15:04

Analyst(s): BRV

Analytical Comments: a3,c1,b1

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: E625
Analytical Method: SW8270C
Unit: µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-7	2109103-012A	Water	08/31/2021 15:45	GC21 09072115.D	229065

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.011	2	09/07/2021 15:33
Acenaphthylene	ND	0.011	2	09/07/2021 15:33
Anthracene	ND	0.022	2	09/07/2021 15:33
Benzo (a) anthracene	ND	0.11	2	09/07/2021 15:33
Benzo (a) pyrene	ND	0.011	2	09/07/2021 15:33
Benzo (b) fluoranthene	ND	0.043	2	09/07/2021 15:33
Benzo (g,h,i) perylene	ND	0.043	2	09/07/2021 15:33
Benzo (k) fluoranthene	ND	0.022	2	09/07/2021 15:33
Chrysene	ND	0.022	2	09/07/2021 15:33
Dibenzo (a,h) anthracene	ND	0.022	2	09/07/2021 15:33
Fluoranthene	ND	0.022	2	09/07/2021 15:33
Fluorene	ND	0.022	2	09/07/2021 15:33
Indeno (1,2,3-cd) pyrene	ND	0.043	2	09/07/2021 15:33
1-Methylnaphthalene	ND	0.011	2	09/07/2021 15:33
2-Methylnaphthalene	ND	0.022	2	09/07/2021 15:33
Naphthalene	ND	0.11	2	09/07/2021 15:33
Phenanthrene	ND	0.043	2	09/07/2021 15:33
Pyrene	ND	0.022	2	09/07/2021 15:33

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	58	40-130	09/07/2021 15:33
2-Fluorophenol	30	20-130	09/07/2021 15:33

Analyst(s): BRV

Analytical Comments: a3,c1,b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: E625
Analytical Method: SW8270C
Unit: µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-8	2109103-015A	Water	08/30/2021 10:40	GC21 09072116.D	229065

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.011	2	09/07/2021 16:02
Acenaphthylene	ND	0.011	2	09/07/2021 16:02
Anthracene	ND	0.021	2	09/07/2021 16:02
Benzo (a) anthracene	ND	0.11	2	09/07/2021 16:02
Benzo (a) pyrene	ND	0.011	2	09/07/2021 16:02
Benzo (b) fluoranthene	ND	0.043	2	09/07/2021 16:02
Benzo (g,h,i) perylene	ND	0.043	2	09/07/2021 16:02
Benzo (k) fluoranthene	ND	0.021	2	09/07/2021 16:02
Chrysene	ND	0.021	2	09/07/2021 16:02
Dibenzo (a,h) anthracene	ND	0.021	2	09/07/2021 16:02
Fluoranthene	ND	0.021	2	09/07/2021 16:02
Fluorene	ND	0.021	2	09/07/2021 16:02
Indeno (1,2,3-cd) pyrene	ND	0.043	2	09/07/2021 16:02
1-Methylnaphthalene	ND	0.011	2	09/07/2021 16:02
2-Methylnaphthalene	ND	0.021	2	09/07/2021 16:02
Naphthalene	ND	0.11	2	09/07/2021 16:02
Phenanthrene	ND	0.043	2	09/07/2021 16:02
Pyrene	ND	0.021	2	09/07/2021 16:02

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	53	40-130	09/07/2021 16:02
2-Fluorophenol	28	20-130	09/07/2021 16:02

Analyst(s): BRV

Analytical Comments: a3,c1,b1

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: E625
Analytical Method: SW8270C
Unit: µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-9	2109103-017A	Water	08/31/2021 09:15	GC21 09072117.D	229065

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.010	2	09/07/2021 16:31
Acenaphthylene	ND	0.010	2	09/07/2021 16:31
Anthracene	ND	0.020	2	09/07/2021 16:31
Benzo (a) anthracene	ND	0.10	2	09/07/2021 16:31
Benzo (a) pyrene	ND	0.010	2	09/07/2021 16:31
Benzo (b) fluoranthene	ND	0.040	2	09/07/2021 16:31
Benzo (g,h,i) perylene	ND	0.040	2	09/07/2021 16:31
Benzo (k) fluoranthene	ND	0.020	2	09/07/2021 16:31
Chrysene	ND	0.020	2	09/07/2021 16:31
Dibenzo (a,h) anthracene	ND	0.020	2	09/07/2021 16:31
Fluoranthene	ND	0.020	2	09/07/2021 16:31
Fluorene	ND	0.020	2	09/07/2021 16:31
Indeno (1,2,3-cd) pyrene	ND	0.040	2	09/07/2021 16:31
1-Methylnaphthalene	ND	0.010	2	09/07/2021 16:31
2-Methylnaphthalene	ND	0.020	2	09/07/2021 16:31
Naphthalene	ND	0.10	2	09/07/2021 16:31
Phenanthrene	ND	0.040	2	09/07/2021 16:31
Pyrene	ND	0.020	2	09/07/2021 16:31

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	53	40-130	09/07/2021 16:31
2-Fluorophenol	26	20-130	09/07/2021 16:31

Analyst(s): BRV

Analytical Comments: a3,c1,b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: E625
Analytical Method: SW8270C
Unit: µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-10	2109103-019A	Water	08/31/2021 12:10	GC21 09072118.D	229065

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.010	2	09/07/2021 17:00
Acenaphthylene	ND	0.010	2	09/07/2021 17:00
Anthracene	ND	0.020	2	09/07/2021 17:00
Benzo (a) anthracene	ND	0.10	2	09/07/2021 17:00
Benzo (a) pyrene	ND	0.010	2	09/07/2021 17:00
Benzo (b) fluoranthene	ND	0.040	2	09/07/2021 17:00
Benzo (g,h,i) perylene	ND	0.040	2	09/07/2021 17:00
Benzo (k) fluoranthene	ND	0.020	2	09/07/2021 17:00
Chrysene	ND	0.020	2	09/07/2021 17:00
Dibenzo (a,h) anthracene	ND	0.020	2	09/07/2021 17:00
Fluoranthene	ND	0.020	2	09/07/2021 17:00
Fluorene	ND	0.020	2	09/07/2021 17:00
Indeno (1,2,3-cd) pyrene	ND	0.040	2	09/07/2021 17:00
1-Methylnaphthalene	ND	0.010	2	09/07/2021 17:00
2-Methylnaphthalene	ND	0.020	2	09/07/2021 17:00
Naphthalene	ND	0.10	2	09/07/2021 17:00
Phenanthrene	ND	0.040	2	09/07/2021 17:00
Pyrene	ND	0.020	2	09/07/2021 17:00

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	54	40-130	09/07/2021 17:00
2-Fluorophenol	28	20-130	09/07/2021 17:00

Analyst(s): BRV

Analytical Comments: a3,c1,b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/03/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: E625
Analytical Method: SW8270C
Unit: µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-12	2109103-022A	Water	08/30/2021 14:10	GC21 09072119.D	229065

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	0.011	0.0097	2	09/07/2021 17:29
Acenaphthylene	ND	0.0097	2	09/07/2021 17:29
Anthracene	ND	0.019	2	09/07/2021 17:29
Benzo (a) anthracene	ND	0.097	2	09/07/2021 17:29
Benzo (a) pyrene	ND	0.0097	2	09/07/2021 17:29
Benzo (b) fluoranthene	ND	0.039	2	09/07/2021 17:29
Benzo (g,h,i) perylene	ND	0.039	2	09/07/2021 17:29
Benzo (k) fluoranthene	ND	0.019	2	09/07/2021 17:29
Chrysene	ND	0.019	2	09/07/2021 17:29
Dibenzo (a,h) anthracene	ND	0.019	2	09/07/2021 17:29
Fluoranthene	ND	0.019	2	09/07/2021 17:29
Fluorene	ND	0.019	2	09/07/2021 17:29
Indeno (1,2,3-cd) pyrene	ND	0.039	2	09/07/2021 17:29
1-Methylnaphthalene	ND	0.0097	2	09/07/2021 17:29
2-Methylnaphthalene	ND	0.019	2	09/07/2021 17:29
Naphthalene	ND	0.097	2	09/07/2021 17:29
Phenanthrene	ND	0.039	2	09/07/2021 17:29
Pyrene	ND	0.019	2	09/07/2021 17:29

Surrogates	REC (%)	Limits	
2-Fluorobiphenyl	59	40-130	09/07/2021 17:29
2-Fluorophenol	28	20-130	09/07/2021 17:29

Analyst(s): BRV

Analytical Comments: a3,c1,b1



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-1-5.0	2109103-001A	Soil	08/31/2021 14:00		ICP-MS5 232SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/02/2021 22:07
Arsenic	8.8		0.50	1		09/02/2021 22:07
Barium	180		5.0	1		09/02/2021 22:07
Beryllium	ND		0.50	1		09/02/2021 22:07
Cadmium	ND		0.50	1		09/02/2021 22:07
Chromium	56		0.50	1		09/02/2021 22:07
Cobalt	15		0.50	1		09/02/2021 22:07
Copper	43		0.50	1		09/02/2021 22:07
Lead	29		0.50	1		09/02/2021 22:07
Molybdenum	0.57		0.50	1		09/02/2021 22:07
Nickel	57		0.50	1		09/02/2021 22:07
Selenium	1.3		0.50	1		09/02/2021 22:07
Silver	ND		0.50	1		09/02/2021 22:07
Thallium	ND		0.50	1		09/02/2021 22:07
Vanadium	88		0.50	1		09/02/2021 22:07
Zinc	80		5.0	1		09/02/2021 22:07
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	104		70-130			09/02/2021 22:07
<u>Analyst(s):</u> AL						



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-2-5.0	2109103-003A	Soil	08/31/2021 14:15		ICP-MS5 233SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/02/2021 22:11
Arsenic	3.9		0.50	1		09/02/2021 22:11
Barium	170		5.0	1		09/02/2021 22:11
Beryllium	ND		0.50	1		09/02/2021 22:11
Cadmium	0.56		0.50	1		09/02/2021 22:11
Chromium	41		0.50	1		09/02/2021 22:11
Cobalt	8.9		0.50	1		09/02/2021 22:11
Copper	19		0.50	1		09/02/2021 22:11
Lead	34		0.50	1		09/02/2021 22:11
Molybdenum	ND		0.50	1		09/02/2021 22:11
Nickel	36		0.50	1		09/02/2021 22:11
Selenium	1.6		0.50	1		09/02/2021 22:11
Silver	ND		0.50	1		09/02/2021 22:11
Thallium	ND		0.50	1		09/02/2021 22:11
Vanadium	38		0.50	1		09/02/2021 22:11
Zinc	57		5.0	1		09/02/2021 22:11
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	108		70-130			09/02/2021 22:11
<u>Analyst(s):</u> AL						

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-3-4.0	2109103-004A	Soil	08/31/2021 11:30		ICP-MS5 234SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/02/2021 22:14
Arsenic	6.8		0.50	1		09/02/2021 22:14
Barium	290		5.0	1		09/02/2021 22:14
Beryllium	ND		0.50	1		09/02/2021 22:14
Cadmium	ND		0.50	1		09/02/2021 22:14
Chromium	110		0.50	1		09/02/2021 22:14
Cobalt	18		0.50	1		09/02/2021 22:14
Copper	59		0.50	1		09/02/2021 22:14
Lead	7.7		0.50	1		09/02/2021 22:14
Molybdenum	ND		0.50	1		09/02/2021 22:14
Nickel	140		0.50	1		09/02/2021 22:14
Selenium	1.7		0.50	1		09/02/2021 22:14
Silver	ND		0.50	1		09/02/2021 22:14
Thallium	ND		0.50	1		09/02/2021 22:14
Vanadium	99		0.50	1		09/02/2021 22:14
Zinc	98		5.0	1		09/02/2021 22:14
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	103		70-130			09/02/2021 22:14
<u>Analyst(s):</u> AL						

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-4-5.0	2109103-006A	Soil	08/31/2021 11:45		ICP-MS5 235SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/02/2021 22:17
Arsenic	4.5		0.50	1		09/02/2021 22:17
Barium	210		5.0	1		09/02/2021 22:17
Beryllium	ND		0.50	1		09/02/2021 22:17
Cadmium	ND		0.50	1		09/02/2021 22:17
Chromium	120		0.50	1		09/02/2021 22:17
Cobalt	18		0.50	1		09/02/2021 22:17
Copper	62		0.50	1		09/02/2021 22:17
Lead	15		0.50	1		09/02/2021 22:17
Molybdenum	ND		0.50	1		09/02/2021 22:17
Nickel	140		0.50	1		09/02/2021 22:17
Selenium	1.6		0.50	1		09/02/2021 22:17
Silver	ND		0.50	1		09/02/2021 22:17
Thallium	ND		0.50	1		09/02/2021 22:17
Vanadium	100		0.50	1		09/02/2021 22:17
Zinc	69		5.0	1		09/02/2021 22:17
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	105		70-130			09/02/2021 22:17
<u>Analyst(s):</u> AL						

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-5-5.0	2109103-008A	Soil	08/31/2021 10:45	ICP-MS5 236SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u> <u>DE</u>		<u>Date Analyzed</u>
Antimony	0.51		0.50 1		09/02/2021 22:21
Arsenic	7.3		0.50 1		09/02/2021 22:21
Barium	180		5.0 1		09/02/2021 22:21
Beryllium	ND		0.50 1		09/02/2021 22:21
Cadmium	ND		0.50 1		09/02/2021 22:21
Chromium	40		0.50 1		09/02/2021 22:21
Cobalt	12		0.50 1		09/02/2021 22:21
Copper	35		0.50 1		09/02/2021 22:21
Lead	26		0.50 1		09/02/2021 22:21
Molybdenum	0.51		0.50 1		09/02/2021 22:21
Nickel	44		0.50 1		09/02/2021 22:21
Selenium	1.1		0.50 1		09/02/2021 22:21
Silver	ND		0.50 1		09/02/2021 22:21
Thallium	ND		0.50 1		09/02/2021 22:21
Vanadium	61		0.50 1		09/02/2021 22:21
Zinc	72		5.0 1		09/02/2021 22:21
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Terbium	106		70-130		09/02/2021 22:21
<u>Analyst(s):</u> AL					



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-6-5.0	2109103-009A	Soil	08/31/2021 09:50		ICP-MS5 237SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/02/2021 22:24
Arsenic	7.5		0.50	1		09/02/2021 22:24
Barium	190		5.0	1		09/02/2021 22:24
Beryllium	0.53		0.50	1		09/02/2021 22:24
Cadmium	ND		0.50	1		09/02/2021 22:24
Chromium	44		0.50	1		09/02/2021 22:24
Cobalt	15		0.50	1		09/02/2021 22:24
Copper	60		0.50	1		09/02/2021 22:24
Lead	15		0.50	1		09/02/2021 22:24
Molybdenum	ND		0.50	1		09/02/2021 22:24
Nickel	42		0.50	1		09/02/2021 22:24
Selenium	1.6		0.50	1		09/02/2021 22:24
Silver	ND		0.50	1		09/02/2021 22:24
Thallium	ND		0.50	1		09/02/2021 22:24
Vanadium	95		0.50	1		09/02/2021 22:24
Zinc	77		5.0	1		09/02/2021 22:24
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	102		70-130			09/02/2021 22:24
<u>Analyst(s):</u> AL						

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-7-5.0	2109103-011A	Soil	08/31/2021 15:40		ICP-MS5 238SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/02/2021 22:28
Arsenic	7.1		0.50	1		09/02/2021 22:28
Barium	170		5.0	1		09/02/2021 22:28
Beryllium	0.58		0.50	1		09/02/2021 22:28
Cadmium	ND		0.50	1		09/02/2021 22:28
Chromium	51		0.50	1		09/02/2021 22:28
Cobalt	10		0.50	1		09/02/2021 22:28
Copper	47		0.50	1		09/02/2021 22:28
Lead	13		0.50	1		09/02/2021 22:28
Molybdenum	ND		0.50	1		09/02/2021 22:28
Nickel	44		0.50	1		09/02/2021 22:28
Selenium	1.7		0.50	1		09/02/2021 22:28
Silver	ND		0.50	1		09/02/2021 22:28
Thallium	ND		0.50	1		09/02/2021 22:28
Vanadium	74		0.50	1		09/02/2021 22:28
Zinc	74		5.0	1		09/02/2021 22:28
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	102		70-130			09/02/2021 22:28
<u>Analyst(s):</u> AL						



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-8-7.0	2109103-014A	Soil	08/30/2021 10:45		ICP-MS5 241SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/02/2021 22:38
Arsenic	5.0		0.50	1		09/02/2021 22:38
Barium	170		5.0	1		09/02/2021 22:38
Beryllium	ND		0.50	1		09/02/2021 22:38
Cadmium	ND		0.50	1		09/02/2021 22:38
Chromium	45		0.50	1		09/02/2021 22:38
Cobalt	8.6		0.50	1		09/02/2021 22:38
Copper	32		0.50	1		09/02/2021 22:38
Lead	14		0.50	1		09/02/2021 22:38
Molybdenum	ND		0.50	1		09/02/2021 22:38
Nickel	38		0.50	1		09/02/2021 22:38
Selenium	1.5		0.50	1		09/02/2021 22:38
Silver	ND		0.50	1		09/02/2021 22:38
Thallium	ND		0.50	1		09/02/2021 22:38
Vanadium	39		0.50	1		09/02/2021 22:38
Zinc	50		5.0	1		09/02/2021 22:38
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	102		70-130			09/02/2021 22:38
<u>Analyst(s):</u> AL						

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-9-5.0	2109103-016A	Soil	08/31/2021 08:30		ICP-MS5 242SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/02/2021 22:42
Arsenic	6.4		0.50	1		09/02/2021 22:42
Barium	200		5.0	1		09/02/2021 22:42
Beryllium	ND		0.50	1		09/02/2021 22:42
Cadmium	ND		0.50	1		09/02/2021 22:42
Chromium	58		0.50	1		09/02/2021 22:42
Cobalt	11		0.50	1		09/02/2021 22:42
Copper	30		0.50	1		09/02/2021 22:42
Lead	10		0.50	1		09/02/2021 22:42
Molybdenum	ND		0.50	1		09/02/2021 22:42
Nickel	58		0.50	1		09/02/2021 22:42
Selenium	1.7		0.50	1		09/02/2021 22:42
Silver	ND		0.50	1		09/02/2021 22:42
Thallium	ND		0.50	1		09/02/2021 22:42
Vanadium	58		0.50	1		09/02/2021 22:42
Zinc	59		5.0	1		09/02/2021 22:42
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	108		70-130			09/02/2021 22:42
<u>Analyst(s):</u> AL						

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-10-5.0	2109103-018A	Soil	08/31/2021 11:50		ICP-MS5 243SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	0.71		0.50	1		09/02/2021 22:45
Arsenic	9.7		0.50	1		09/02/2021 22:45
Barium	150		5.0	1		09/02/2021 22:45
Beryllium	0.54		0.50	1		09/02/2021 22:45
Cadmium	ND		0.50	1		09/02/2021 22:45
Chromium	39		0.50	1		09/02/2021 22:45
Cobalt	10		0.50	1		09/02/2021 22:45
Copper	30		0.50	1		09/02/2021 22:45
Lead	14		0.50	1		09/02/2021 22:45
Molybdenum	0.58		0.50	1		09/02/2021 22:45
Nickel	40		0.50	1		09/02/2021 22:45
Selenium	1.9		0.50	1		09/02/2021 22:45
Silver	ND		0.50	1		09/02/2021 22:45
Thallium	ND		0.50	1		09/02/2021 22:45
Vanadium	50		0.50	1		09/02/2021 22:45
Zinc	77		5.0	1		09/02/2021 22:45
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	104		70-130			09/02/2021 22:45
<u>Analyst(s):</u> AL						



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-11-5.0	2109103-020A	Soil	08/30/2021 13:30		ICP-MS5 244SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/02/2021 22:48
Arsenic	7.0		0.50	1		09/02/2021 22:48
Barium	170		5.0	1		09/02/2021 22:48
Beryllium	ND		0.50	1		09/02/2021 22:48
Cadmium	ND		0.50	1		09/02/2021 22:48
Chromium	50		0.50	1		09/02/2021 22:48
Cobalt	10		0.50	1		09/02/2021 22:48
Copper	31		0.50	1		09/02/2021 22:48
Lead	120		0.50	1		09/02/2021 22:48
Molybdenum	0.51		0.50	1		09/02/2021 22:48
Nickel	45		0.50	1		09/02/2021 22:48
Selenium	1.3		0.50	1		09/02/2021 22:48
Silver	ND		0.50	1		09/02/2021 22:48
Thallium	ND		0.50	1		09/02/2021 22:48
Vanadium	53		0.50	1		09/02/2021 22:48
Zinc	66		5.0	1		09/02/2021 22:48
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	105		70-130			09/02/2021 22:48
<u>Analyst(s):</u> AL						



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-12-5.0	2109103-021A	Soil	08/30/2021 14:00		ICP-MS5 245SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/02/2021 22:52
Arsenic	8.7		0.50	1		09/02/2021 22:52
Barium	180		5.0	1		09/02/2021 22:52
Beryllium	ND		0.50	1		09/02/2021 22:52
Cadmium	ND		0.50	1		09/02/2021 22:52
Chromium	56		0.50	1		09/02/2021 22:52
Cobalt	12		0.50	1		09/02/2021 22:52
Copper	36		0.50	1		09/02/2021 22:52
Lead	15		0.50	1		09/02/2021 22:52
Molybdenum	ND		0.50	1		09/02/2021 22:52
Nickel	54		0.50	1		09/02/2021 22:52
Selenium	1.9		0.50	1		09/02/2021 22:52
Silver	ND		0.50	1		09/02/2021 22:52
Thallium	ND		0.50	1		09/02/2021 22:52
Vanadium	72		0.50	1		09/02/2021 22:52
Zinc	63		5.0	1		09/02/2021 22:52
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	103		70-130			09/02/2021 22:52
<u>Analyst(s):</u> AL						



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-13-5.0	2109103-023A	Soil	08/30/2021 15:40		ICP-MS5 246SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/02/2021 22:55
Arsenic	6.0		0.50	1		09/02/2021 22:55
Barium	110		5.0	1		09/02/2021 22:55
Beryllium	ND		0.50	1		09/02/2021 22:55
Cadmium	ND		0.50	1		09/02/2021 22:55
Chromium	41		0.50	1		09/02/2021 22:55
Cobalt	11		0.50	1		09/02/2021 22:55
Copper	38		0.50	1		09/02/2021 22:55
Lead	45		0.50	1		09/02/2021 22:55
Molybdenum	ND		0.50	1		09/02/2021 22:55
Nickel	37		0.50	1		09/02/2021 22:55
Selenium	1.3		0.50	1		09/02/2021 22:55
Silver	ND		0.50	1		09/02/2021 22:55
Thallium	ND		0.50	1		09/02/2021 22:55
Vanadium	62		0.50	1		09/02/2021 22:55
Zinc	62		5.0	1		09/02/2021 22:55
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	110		70-130			09/02/2021 22:55
<u>Analyst(s):</u> AL						



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-14-5.0	2109103-024A	Soil	08/30/2021 16:00		ICP-MS5 208SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		09/03/2021 17:21
Arsenic	7.2		0.50	1		09/03/2021 17:21
Barium	180		5.0	1		09/03/2021 17:21
Beryllium	ND		0.50	1		09/03/2021 17:21
Cadmium	ND		0.50	1		09/03/2021 17:21
Chromium	50		0.50	1		09/03/2021 17:21
Cobalt	13		0.50	1		09/03/2021 17:21
Copper	40		0.50	1		09/03/2021 17:21
Lead	26		0.50	1		09/03/2021 17:21
Molybdenum	ND		0.50	1		09/03/2021 17:21
Nickel	55		0.50	1		09/03/2021 17:21
Selenium	1.4		0.50	1		09/03/2021 17:21
Silver	ND		0.50	1		09/03/2021 17:21
Thallium	ND		0.50	1		09/03/2021 17:21
Vanadium	72		0.50	1		09/03/2021 17:21
Zinc	87		5.0	1		09/03/2021 17:21
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	113		70-130			09/03/2021 17:21
<u>Analyst(s):</u> MIG						

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Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
F-15-3.0	2109103-025A	Soil	08/31/2021 09:30		ICP-MS5 248SMPL.d	228990
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	0.56		0.50	1		09/02/2021 23:02
Arsenic	10		0.50	1		09/02/2021 23:02
Barium	260		5.0	1		09/02/2021 23:02
Beryllium	ND		0.50	1		09/02/2021 23:02
Cadmium	ND		0.50	1		09/02/2021 23:02
Chromium	65		0.50	1		09/02/2021 23:02
Cobalt	14		0.50	1		09/02/2021 23:02
Copper	49		0.50	1		09/02/2021 23:02
Lead	31		0.50	1		09/02/2021 23:02
Molybdenum	0.73		0.50	1		09/02/2021 23:02
Nickel	61		0.50	1		09/02/2021 23:02
Selenium	1.6		0.50	1		09/02/2021 23:02
Silver	ND		0.50	1		09/02/2021 23:02
Thallium	ND		0.50	1		09/02/2021 23:02
Vanadium	83		0.50	1		09/02/2021 23:02
Zinc	150		5.0	1		09/02/2021 23:02
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Terbium	109		70-130			09/02/2021 23:02
<u>Analyst(s):</u> AL						



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW7471B
Analytical Method: SW7471B
Unit: mg/Kg

Mercury by Cold Vapor Atomic Absorption

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-1-5.0	2109103-001A	Soil	08/31/2021 14:00	AA1 _21	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.16	0.017	1	09/07/2021 15:36

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-2-5.0	2109103-003A	Soil	08/31/2021 14:15	AA1 _22	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.044	0.017	1	09/07/2021 15:39

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-3-4.0	2109103-004A	Soil	08/31/2021 11:30	AA1 _23	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.23	0.017	1	09/07/2021 15:42

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-4-5.0	2109103-006A	Soil	08/31/2021 11:45	AA1 _24	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.26	0.017	1	09/07/2021 15:45

Analyst(s): MIG

(Cont.)

NELAP 4033ORELAP



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW7471B
Analytical Method: SW7471B
Unit: mg/Kg

Mercury by Cold Vapor Atomic Absorption

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-5-5.0	2109103-008A	Soil	08/31/2021 10:45	AA1 _25	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.10	0.017	1	09/07/2021 15:48

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-6-5.0	2109103-009A	Soil	08/31/2021 09:50	AA1 _26	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.15	0.017	1	09/07/2021 15:51

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-7-5.0	2109103-011A	Soil	08/31/2021 15:40	AA1 _27	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.058	0.017	1	09/07/2021 15:54

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-8-7.0	2109103-014A	Soil	08/30/2021 10:45	AA1 _28	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.029	0.017	1	09/07/2021 15:57

Analyst(s): MIG

(Cont.)

NELAP 4033ORELAP



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW7471B
Analytical Method: SW7471B
Unit: mg/Kg

Mercury by Cold Vapor Atomic Absorption

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-9-5.0	2109103-016A	Soil	08/31/2021 08:30	AA1 _29	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.16	0.017	1	09/07/2021 16:00

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-10-5.0	2109103-018A	Soil	08/31/2021 11:50	AA1 _30	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.090	0.017	1	09/07/2021 16:03

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-11-5.0	2109103-020A	Soil	08/30/2021 13:30	AA1 _33	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.14	0.017	1	09/07/2021 16:12

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-12-5.0	2109103-021A	Soil	08/30/2021 14:00	AA1 _34	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.090	0.017	1	09/07/2021 16:15

Analyst(s): MIG

(Cont.)

NELAP 4033ORELAP



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/07/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW7471B
Analytical Method: SW7471B
Unit: mg/Kg

Mercury by Cold Vapor Atomic Absorption

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-13-5.0	2109103-023A	Soil	08/30/2021 15:40	AA1 _35	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.12	0.017	1	09/07/2021 16:18

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-14-5.0	2109103-024A	Soil	08/30/2021 16:00	AA1 _36	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.17	0.017	1	09/07/2021 16:21

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-15-3.0	2109103-025A	Soil	08/31/2021 09:30	AA1 _41	229014

Analytes	Result	RL	DF	Date Analyzed
Mercury	0.80	0.085	5	09/07/2021 16:36

Analyst(s): MIG



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-1-5.0	2109103-001A	Soil	08/31/2021 14:00	GC6A 09032118.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	4.3	2.0	1	09/03/2021 20:39
TPH-Motor Oil (C18-C36)	36	10	1	09/03/2021 20:39

Surrogates	REC (%)	Limits	
C9	99	70-130	09/03/2021 20:39

Analyst(s): TD

Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-2-5.0	2109103-003A	Soil	08/31/2021 14:15	GC6A 09032122.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	43	2.0	1	09/03/2021 21:58
TPH-Motor Oil (C18-C36)	260	10	1	09/03/2021 21:58

Surrogates	REC (%)	Limits	
C9	99	70-130	09/03/2021 21:58

Analyst(s): TD

Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-3-4.0	2109103-004A	Soil	08/31/2021 11:30	GC6B 09032123.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/03/2021 22:38
TPH-Motor Oil (C18-C36)	ND	10	1	09/03/2021 22:38

Surrogates	REC (%)	Limits	
C9	101	70-130	09/03/2021 22:38

Analyst(s): TD

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-4-5.0	2109103-006A	Soil	08/31/2021 11:45	GC39A 09022160.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/03/2021 06:12
TPH-Motor Oil (C18-C36)	ND	10	1	09/03/2021 06:12

Surrogates	REC (%)	Limits	
C9	83	70-130	09/03/2021 06:12

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-5-5.0	2109103-008A	Soil	08/31/2021 10:45	GC6A 09032156.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	28	20	10	09/04/2021 09:05
TPH-Motor Oil (C18-C36)	440	100	10	09/04/2021 09:05

Surrogates	REC (%)	Limits	
C9	83	70-130	09/04/2021 09:05

Analyst(s): TD

Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-6-5.0	2109103-009A	Soil	08/31/2021 09:50	GC39A 09022162.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/03/2021 06:51
TPH-Motor Oil (C18-C36)	22	10	1	09/03/2021 06:51

Surrogates	REC (%)	Limits	
C9	82	70-130	09/03/2021 06:51

Analyst(s): JIS

Analytical Comments: e7

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-7-5.0	2109103-011A	Soil	08/31/2021 15:40	GC39B 09022159.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	2.2	2.0	1	09/03/2021 06:12
TPH-Motor Oil (C18-C36)	51	10	1	09/03/2021 06:12

Surrogates	REC (%)	Limits	
C9	85	70-130	09/03/2021 06:12

Analyst(s): JIS

Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-8-7.0	2109103-014A	Soil	08/30/2021 10:45	GC6A 09032114.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	7.4	2.0	1	09/03/2021 19:20
TPH-Motor Oil (C18-C36)	25	10	1	09/03/2021 19:20

Surrogates	REC (%)	Limits	
C9	100	70-130	09/03/2021 19:20

Analyst(s): TD

Analytical Comments: e7,e8

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-9-5.0	2109103-016A	Soil	08/31/2021 08:30	GC39A 09032170.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/04/2021 12:26
TPH-Motor Oil (C18-C36)	15	10	1	09/04/2021 12:26

Surrogates	REC (%)	Limits	
C9	85	70-130	09/04/2021 12:26

Analyst(s): TD

Analytical Comments: e7

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-10-5.0	2109103-018A	Soil	08/31/2021 11:50	GC39A 09032168.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/04/2021 11:45
TPH-Motor Oil (C18-C36)	ND	10	1	09/04/2021 11:45

Surrogates	REC (%)	Limits	
C9	85	70-130	09/04/2021 11:45

Analyst(s): TD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-11-5.0	2109103-020A	Soil	08/30/2021 13:30	GC6A 09032146.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	7.4	4.0	2	09/04/2021 05:49
TPH-Motor Oil (C18-C36)	110	20	2	09/04/2021 05:49

Surrogates	REC (%)	Limits	
C9	93	70-130	09/04/2021 05:49

Analyst(s): TD

Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-12-5.0	2109103-021A	Soil	08/30/2021 14:00	GC6A 09032132.D	228966

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	12	2.0	1	09/04/2021 01:17
TPH-Motor Oil (C18-C36)	93	10	1	09/04/2021 01:17

Surrogates	REC (%)	Limits	
C9	99	70-130	09/04/2021 01:17

Analyst(s): TD

Analytical Comments: e7,e2

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-13-5.0	2109103-023A	Soil	08/30/2021 15:40	GC6A 09072166.D	228992

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	4.5	4.0	2	09/08/2021 06:48
TPH-Motor Oil (C18-C36)	200	20	2	09/08/2021 06:48

Surrogates	REC (%)	Limits	
C9	96	70-130	09/08/2021 06:48

Analyst(s): JIS

Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-14-5.0	2109103-024A	Soil	08/30/2021 16:00	GC6A 09032152.D	228992

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	4.5	4.0	2	09/04/2021 07:46
TPH-Motor Oil (C18-C36)	120	20	2	09/04/2021 07:46

Surrogates	REC (%)	Limits	
C9	94	70-130	09/04/2021 07:46

Analyst(s): TD

Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
F-15-3.0	2109103-025A	Soil	08/31/2021 09:30	GC6A 09032162.D	228992

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	42	40	20	09/04/2021 11:06
TPH-Motor Oil (C18-C36)	1100	200	20	09/04/2021 11:06

Surrogates	REC (%)	Limits	
C9	82	70-130	09/04/2021 11:06

Analyst(s): TD

Analytical Comments: e7,e2



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3510C
Analytical Method: SW8015B
Unit: µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-1	2109103-002C	Water	08/31/2021 14:30	GC6B 09032117.D	228961

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	100	1	09/03/2021 20:39
TPH-Motor Oil (C18-C36)	ND	500	1	09/03/2021 20:39

Surrogates	REC (%)	Limits	
C9	101	70-130	09/03/2021 20:39

Analyst(s): TD

Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-4	2109103-007C	Water	08/31/2021 12:00	GC6B 09032113.D	228961

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	100	1	09/03/2021 19:20
TPH-Motor Oil (C18-C36)	ND	500	1	09/03/2021 19:20

Surrogates	REC (%)	Limits	
C9	102	70-130	09/03/2021 19:20

Analyst(s): TD

Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-6	2109103-010C	Water	08/31/2021 10:15	GC6B 09032111.D	228961

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	100	1	09/03/2021 18:39
TPH-Motor Oil (C18-C36)	ND	500	1	09/03/2021 18:39

Surrogates	REC (%)	Limits	
C9	100	70-130	09/03/2021 18:39

Analyst(s): TD

Analytical Comments: b1

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3510C
Analytical Method: SW8015B
Unit: µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-7	2109103-012C	Water	08/31/2021 15:45	GC6B 09032109.D	228961

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	100	1	09/03/2021 17:58
TPH-Motor Oil (C18-C36)	ND	500	1	09/03/2021 17:58

Surrogates	REC (%)	Limits	
C9	100	70-130	09/03/2021 17:58

Analyst(s): TD

Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-8	2109103-015C	Water	08/30/2021 10:40	GC6A 09032126.D	228961

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	100	1	09/03/2021 23:18
TPH-Motor Oil (C18-C36)	1900	500	1	09/03/2021 23:18

Surrogates	REC (%)	Limits	
C9	99	70-130	09/03/2021 23:18

Analyst(s): TD

Analytical Comments: e7,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-9	2109103-017C	Water	08/31/2021 09:15	GC6B 09032121.D	228961

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	100	1	09/03/2021 21:58
TPH-Motor Oil (C18-C36)	ND	500	1	09/03/2021 21:58

Surrogates	REC (%)	Limits	
C9	105	70-130	09/03/2021 21:58

Analyst(s): TD

Analytical Comments: b1

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/01/2021 16:10
Date Prepared: 09/02/2021
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
Extraction Method: SW3510C
Analytical Method: SW8015B
Unit: µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-10	2109103-019C	Water	08/31/2021 12:10	GC6B 09032115.D	228961

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	100	1	09/03/2021 20:00
TPH-Motor Oil (C18-C36)	ND	500	1	09/03/2021 20:00

Surrogates	REC (%)	Limits	
C9	101	70-130	09/03/2021 20:00

Analyst(s): TD

Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-12	2109103-022C	Water	08/30/2021 14:10	GC6B 09032119.D	228961

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	100	1	09/03/2021 21:19
TPH-Motor Oil (C18-C36)	ND	500	1	09/03/2021 21:19

Surrogates	REC (%)	Limits	
C9	102	70-130	09/03/2021 21:19

Analyst(s): TD

Analytical Comments: b1



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/01/2021 - 09/02/2021
Date Analyzed: 09/04/2021 - 09/08/2021
Instrument: GC18
Matrix: Soil
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
BatchID: 228914
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-228914

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.120	0.200	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.000740	0.00500	-	-	-
Benzene	ND	0.000870	0.00500	-	-	-
Bromobenzene	ND	0.000910	0.00500	-	-	-
Bromochloromethane	ND	0.000910	0.00500	-	-	-
Bromodichloromethane	ND	0.0000940	0.00500	-	-	-
Bromoform	ND	0.00390	0.00500	-	-	-
Bromomethane	ND	0.00250	0.00500	-	-	-
2-Butanone (MEK)	ND	0.0230	0.0500	-	-	-
t-Butyl alcohol (TBA)	ND	0.0230	0.0500	-	-	-
n-Butyl benzene	ND	0.00140	0.00500	-	-	-
sec-Butyl benzene	ND	0.00150	0.00500	-	-	-
tert-Butyl benzene	ND	0.00170	0.00500	-	-	-
Carbon Disulfide	ND	0.00150	0.00500	-	-	-
Carbon Tetrachloride	ND	0.000120	0.00500	-	-	-
Chlorobenzene	ND	0.000870	0.00500	-	-	-
Chloroethane	ND	0.00160	0.00500	-	-	-
Chloroform	ND	0.000190	0.00500	-	-	-
Chloromethane	ND	0.00170	0.00500	-	-	-
2-Chlorotoluene	ND	0.00130	0.00500	-	-	-
4-Chlorotoluene	ND	0.00100	0.00500	-	-	-
Dibromochloromethane	ND	0.000420	0.00500	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.000490	0.000500	-	-	-
1,2-Dibromoethane (EDB)	ND	0.000120	0.000250	-	-	-
Dibromomethane	ND	0.000950	0.00500	-	-	-
1,2-Dichlorobenzene	ND	0.00230	0.00500	-	-	-
1,3-Dichlorobenzene	ND	0.00100	0.00500	-	-	-
1,4-Dichlorobenzene	ND	0.00100	0.00500	-	-	-
Dichlorodifluoromethane	ND	0.00170	0.00500	-	-	-
1,1-Dichloroethane	ND	0.000810	0.00500	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0000710	0.000100	-	-	-
1,1-Dichloroethene	ND	0.0000690	0.00500	-	-	-
cis-1,2-Dichloroethene	ND	0.000750	0.00500	-	-	-
trans-1,2-Dichloroethene	ND	0.00120	0.00500	-	-	-
1,2-Dichloropropane	ND	0.000780	0.00500	-	-	-
1,3-Dichloropropane	ND	0.00100	0.00500	-	-	-
2,2-Dichloropropane	ND	0.00120	0.00500	-	-	-
1,1-Dichloropropene	ND	0.000960	0.00500	-	-	-

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Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/01/2021 - 09/02/2021
Date Analyzed: 09/04/2021 - 09/08/2021
Instrument: GC18
Matrix: Soil
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
BatchID: 228914
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-228914

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.000660	0.00500	-	-	-
trans-1,3-Dichloropropene	ND	0.000670	0.00500	-	-	-
Diisopropyl ether (DIPE)	ND	0.000780	0.00500	-	-	-
Ethylbenzene	ND	0.00110	0.00500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.000730	0.00500	-	-	-
Freon 113	ND	0.00110	0.00500	-	-	-
Hexachlorobutadiene	ND	0.00120	0.00500	-	-	-
Hexachloroethane	ND	0.000670	0.00500	-	-	-
2-Hexanone	ND	0.00430	0.00500	-	-	-
Isopropylbenzene	ND	0.00140	0.00500	-	-	-
4-Isopropyl toluene	ND	0.00130	0.00500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.00140	0.00500	-	-	-
Methylene chloride	ND	0.00580	0.0200	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.00150	0.00500	-	-	-
Naphthalene	ND	0.00220	0.00500	-	-	-
n-Propyl benzene	ND	0.00160	0.00500	-	-	-
Styrene	ND	0.00120	0.00500	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.00100	0.00500	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.000280	0.00500	-	-	-
Tetrachloroethene	ND	0.000310	0.00500	-	-	-
Toluene	ND	0.00120	0.00500	-	-	-
1,2,3-Trichlorobenzene	ND	0.00170	0.00500	-	-	-
1,2,4-Trichlorobenzene	ND	0.00120	0.00500	-	-	-
1,1,1-Trichloroethane	ND	0.000840	0.00500	-	-	-
1,1,2-Trichloroethane	ND	0.000920	0.00500	-	-	-
Trichloroethene	ND	0.000810	0.00500	-	-	-
Trichlorofluoromethane	ND	0.00130	0.00500	-	-	-
1,2,3-Trichloropropane	ND	0.000150	0.000250	-	-	-
1,2,4-Trimethylbenzene	ND	0.00320	0.00500	-	-	-
1,3,5-Trimethylbenzene	ND	0.00120	0.00500	-	-	-
Vinyl Chloride	ND	0.000130	0.000250	-	-	-
m,p-Xylene	ND	0.00250	0.00500	-	-	-
o-Xylene	ND	0.00120	0.00500	-	-	-

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Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/01/2021 - 09/02/2021
Date Analyzed: 09/04/2021 - 09/08/2021
Instrument: GC18
Matrix: Soil
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
BatchID: 228914
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-228914

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.108			0.125	87	70-140
Toluene-d8	0.118			0.125	95	70-140
4-BFB	0.0105			0.0125	84	70-140
Benzene-d6	0.107			0.1	107	70-140
Ethylbenzene-d10	0.107			0.1	107	70-140
1,2-DCB-d4	0.0845			0.1	85	70-140



Quality Control Report

Client: Farallon Consulting

Date Prepared: 09/01/2021 - 09/02/2021

Date Analyzed: 09/04/2021 - 09/08/2021

Instrument: GC18

Matrix: Soil

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103

BatchID: 228914

Extraction Method: SW5030B

Analytical Method: SW8260B

Unit: mg/kg

Sample ID: MB/LCS/LCSD-228914

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.267	0.281	0.20	133	140	60-140	5.01	20
tert-Amyl methyl ether (TAME)	0.0162	0.0173	0.020	81	86	50-140	6.39	20
Benzene	0.0155	0.0165	0.020	78	83	60-140	6.16	20
Bromobenzene	0.0156	0.0168	0.020	78	84	60-140	6.81	20
Bromochloromethane	0.0173	0.0182	0.020	87	91	60-140	5.21	20
Bromodichloromethane	0.0159	0.0169	0.020	80	84	60-140	5.67	20
Bromoform	0.0141	0.0144	0.020	70	72	40-140	2.62	20
Bromomethane	0.0182	0.0184	0.020	91	92	30-140	1.43	20
2-Butanone (MEK)	0.118	0.130	0.080	147,F2	163,F2	50-140	10.2	20
t-Butyl alcohol (TBA)	0.105	0.107	0.080	131	134	50-140	2.29	20
n-Butyl benzene	0.0222	0.0236	0.020	111	118	60-150	6.28	20
sec-Butyl benzene	0.0210	0.0224	0.020	105	112	60-150	6.28	20
tert-Butyl benzene	0.0183	0.0200	0.020	92	100	60-140	8.68	20
Carbon Disulfide	0.0179	0.0190	0.020	89	95	50-140	6.30	20
Carbon Tetrachloride	0.0161	0.0172	0.020	80	86	60-140	6.80	20
Chlorobenzene	0.0165	0.0175	0.020	83	87	60-140	5.72	20
Chloroethane	0.0198	0.0202	0.020	99	101	50-140	2.41	20
Chloroform	0.0171	0.0182	0.020	86	91	60-140	5.76	20
Chloromethane	0.0159	0.0161	0.020	80	81	20-140	1.37	20
2-Chlorotoluene	0.0182	0.0191	0.020	91	96	60-140	5.18	20
4-Chlorotoluene	0.0171	0.0183	0.020	86	91	60-140	6.38	20
Dibromochloromethane	0.0162	0.0170	0.020	81	85	50-140	4.65	20
1,2-Dibromo-3-chloropropane	0.00847	0.00885	0.010	85	89	30-140	4.44	20
1,2-Dibromoethane (EDB)	0.00846	0.00885	0.010	85	89	40-140	4.52	20
Dibromomethane	0.0173	0.0184	0.020	87	92	60-140	5.69	20
1,2-Dichlorobenzene	0.0144	0.0148	0.020	72	74	60-140	2.53	20
1,3-Dichlorobenzene	0.0164	0.0173	0.020	82	86	60-140	5.20	20
1,4-Dichlorobenzene	0.0166	0.0174	0.020	83	87	60-140	5.01	20
Dichlorodifluoromethane	0.0127	0.0131	0.020	63	66	10-140	3.31	20
1,1-Dichloroethane	0.0173	0.0185	0.020	86	92	60-140	6.80	20
1,2-Dichloroethane (1,2-DCA)	0.0160	0.0168	0.020	80	84	60-140	5.31	20
1,1-Dichloroethene	0.0170	0.0180	0.020	85	90	60-140	6.04	20
cis-1,2-Dichloroethene	0.0167	0.0179	0.020	83	89	60-140	6.91	20
trans-1,2-Dichloroethene	0.0174	0.0186	0.020	87	93	60-140	6.78	20
1,2-Dichloropropane	0.0174	0.0184	0.020	87	92	60-140	5.84	20
1,3-Dichloropropane	0.0179	0.0187	0.020	90	94	60-140	4.43	20
2,2-Dichloropropane	0.0173	0.0184	0.020	87	92	60-140	5.95	20
1,1-Dichloropropene	0.0175	0.0187	0.020	88	93	60-140	6.34	20

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Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/01/2021 - 09/02/2021
Date Analyzed: 09/04/2021 - 09/08/2021
Instrument: GC18
Matrix: Soil
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
BatchID: 228914
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-228914

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0171	0.0180	0.020	85	90	60-140	5.11	20
trans-1,3-Dichloropropene	0.0175	0.0184	0.020	88	92	60-140	4.91	20
Diisopropyl ether (DIPE)	0.0170	0.0180	0.020	85	90	60-140	5.61	20
Ethylbenzene	0.0182	0.0192	0.020	91	96	60-140	5.48	20
Ethyl tert-butyl ether (ETBE)	0.0174	0.0182	0.020	87	91	60-140	4.87	20
Freon 113	0.0160	0.0172	0.020	80	86	50-140	7.15	20
Hexachlorobutadiene	0.0206	0.0219	0.020	103	110	60-140	6.47	20
Hexachloroethane	0.0185	0.0199	0.020	92	99	60-140	7.33	20
2-Hexanone	0.0201	0.0210	0.020	101	105	40-140	4.33	20
Isopropylbenzene	0.0195	0.0210	0.020	97	105	60-140	7.35	20
4-Isopropyl toluene	0.0195	0.0208	0.020	98	104	60-150	6.19	20
Methyl-t-butyl ether (MTBE)	0.0182	0.0192	0.020	91	96	50-140	5.13	20
Methylene chloride	0.0192	0.0200	0.020	96	100	60-140	4.33	20
4-Methyl-2-pentanone (MIBK)	0.0194	0.0208	0.020	97	104	50-140	6.64	20
Naphthalene	0.00938	0.00967	0.020	47	48	30-140	3.10	20
n-Propyl benzene	0.0196	0.0211	0.020	98	106	60-140	7.25	20
Styrene	0.0156	0.0163	0.020	78	81	60-140	3.94	20
1,1,1,2-Tetrachloroethane	0.0158	0.0168	0.020	79	84	60-140	6.24	20
1,1,2,2-Tetrachloroethane	0.0162	0.0170	0.020	81	85	40-140	4.98	20
Tetrachloroethene	0.0176	0.0187	0.020	88	93	60-140	6.11	20
Toluene	0.0172	0.0182	0.020	86	91	60-140	6.13	20
1,2,3-Trichlorobenzene	0.0103	0.0107	0.020	52	53	40-140	3.53	20
1,2,4-Trichlorobenzene	0.0132	0.0137	0.020	66	68	50-140	3.88	20
1,1,1-Trichloroethane	0.0166	0.0175	0.020	83	87	60-140	5.49	20
1,1,2-Trichloroethane	0.0174	0.0183	0.020	87	92	60-140	4.90	20
Trichloroethene	0.0177	0.0189	0.020	88	95	60-140	6.83	20
Trichlorofluoromethane	0.0161	0.0169	0.020	80	85	50-140	5.25	20
1,2,3-Trichloropropane	0.00894	0.00942	0.010	89	94	40-140	5.20	20
1,2,4-Trimethylbenzene	0.0186	0.0195	0.020	93	98	30-140	4.66	20
1,3,5-Trimethylbenzene	0.0190	0.0200	0.020	95	100	60-140	5.44	20
Vinyl Chloride	0.00923	0.00963	0.010	92	96	30-140	4.30	20
m,p-Xylene	0.0333	0.0348	0.040	83	87	60-140	4.56	20
o-Xylene	0.0170	0.0178	0.020	85	89	60-140	4.24	20

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Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109103
Date Prepared:	09/01/2021 - 09/02/2021	BatchID:	228914
Date Analyzed:	09/04/2021 - 09/08/2021	Extraction Method:	SW5030B
Instrument:	GC18	Analytical Method:	SW8260B
Matrix:	Soil	Unit:	mg/kg
Project:	1353-062; 1571,1581,1593 Industrial Pkwy	Sample ID:	MB/LCS/LCSD-228914

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.112	0.114	0.12	90	91	70-140	1.69	20
Toluene-d8	0.116	0.117	0.12	93	94	70-140	1.10	20
4-BFB	0.0106	0.0106	0.012	84	85	70-140	0.152	20
Benzene-d6	0.100	0.107	0.10	100	107	70-140	6.15	20
Ethylbenzene-d10	0.100	0.105	0.10	100	105	70-140	5.11	20
1,2-DCB-d4	0.0854	0.0901	0.10	85	90	70-140	5.26	20



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/04/2021
Date Analyzed: 09/04/2021
Instrument: GC38
Matrix: Water
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
BatchID: 229121
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-229121
2109103-002BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	6.30	40.0	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.130	0.500	-	-	-
Benzene	ND	0.120	0.200	-	-	-
Bromobenzene	ND	0.130	0.500	-	-	-
Bromochloromethane	ND	0.110	0.500	-	-	-
Bromodichloromethane	ND	0.0250	0.0500	-	-	-
Bromoform	ND	0.310	0.500	-	-	-
Bromomethane	ND	0.180	0.500	-	-	-
2-Butanone (MEK)	ND	1.50	5.00	-	-	-
t-Butyl alcohol (TBA)	ND	2.50	5.00	-	-	-
n-Butyl benzene	ND	0.230	0.500	-	-	-
sec-Butyl benzene	ND	0.170	0.500	-	-	-
tert-Butyl benzene	ND	0.130	0.500	-	-	-
Carbon Disulfide	ND	0.180	0.500	-	-	-
Carbon Tetrachloride	ND	0.0280	0.0500	-	-	-
Chlorobenzene	ND	0.110	0.500	-	-	-
Chloroethane	ND	0.200	0.500	-	-	-
Chloroform	ND	0.0910	0.100	-	-	-
Chloromethane	ND	0.280	0.500	-	-	-
2-Chlorotoluene	ND	0.230	0.500	-	-	-
4-Chlorotoluene	ND	0.120	0.500	-	-	-
Dibromochloromethane	ND	0.0260	0.150	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0100	0.0200	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0210	0.0400	-	-	-
Dibromomethane	ND	0.120	0.500	-	-	-
1,2-Dichlorobenzene	ND	0.160	0.500	-	-	-
1,3-Dichlorobenzene	ND	0.120	0.500	-	-	-
1,4-Dichlorobenzene	ND	0.0930	0.500	-	-	-
Dichlorodifluoromethane	ND	0.290	0.500	-	-	-
1,1-Dichloroethane	ND	0.150	0.500	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0110	0.0200	-	-	-
1,1-Dichloroethene	ND	0.00940	0.0100	-	-	-
cis-1,2-Dichloroethene	ND	0.0930	0.500	-	-	-
trans-1,2-Dichloroethene	ND	0.110	0.500	-	-	-
1,2-Dichloropropane	ND	0.0190	0.200	-	-	-
1,3-Dichloropropane	ND	0.170	0.500	-	-	-
2,2-Dichloropropane	ND	0.220	0.500	-	-	-
1,1-Dichloropropene	ND	0.0850	0.500	-	-	-

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Quality Control Report

Client: Farallon Consulting

Date Prepared: 09/04/2021

Date Analyzed: 09/04/2021

Instrument: GC38

Matrix: Water

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103

BatchID: 229121

Extraction Method: SW5030B

Analytical Method: SW8260B

Unit: µg/L

Sample ID: MB/LCS/LCSD-229121
2109103-002BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.210	0.500	-	-	-
trans-1,3-Dichloropropene	ND	0.280	0.500	-	-	-
Diisopropyl ether (DIPE)	ND	0.120	0.500	-	-	-
Ethylbenzene	ND	0.140	0.500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.160	0.500	-	-	-
Freon 113	ND	0.130	0.500	-	-	-
Hexachlorobutadiene	ND	0.150	0.500	-	-	-
Hexachloroethane	ND	0.0590	0.200	-	-	-
2-Hexanone	ND	0.320	0.500	-	-	-
Isopropylbenzene	ND	0.160	0.500	-	-	-
4-Isopropyl toluene	ND	0.150	0.500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.160	0.500	-	-	-
Methylene chloride	ND	0.740	2.00	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.440	0.500	-	-	-
Naphthalene	ND	0.150	0.300	-	-	-
n-Propyl benzene	ND	0.120	0.500	-	-	-
Styrene	ND	0.280	2.00	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.160	0.500	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.0110	0.0200	-	-	-
Tetrachloroethene	ND	0.160	0.200	-	-	-
Toluene	ND	0.170	0.500	-	-	-
1,2,3-Trichlorobenzene	ND	0.240	0.500	-	-	-
1,2,4-Trichlorobenzene	ND	0.220	0.500	-	-	-
1,1,1-Trichloroethane	ND	0.110	0.500	-	-	-
1,1,2-Trichloroethane	ND	0.110	0.200	-	-	-
Trichloroethene	ND	0.250	0.500	-	-	-
Trichlorofluoromethane	ND	0.140	0.500	-	-	-
1,2,3-Trichloropropane	ND	0.00450	0.00500	-	-	-
1,2,4-Trimethylbenzene	ND	0.180	0.500	-	-	-
1,3,5-Trimethylbenzene	ND	0.160	0.500	-	-	-
Vinyl Chloride	ND	0.00430	0.00500	-	-	-
m,p-Xylene	ND	0.250	0.500	-	-	-
o-Xylene	ND	0.130	0.500	-	-	-

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Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109103
Date Prepared:	09/04/2021	BatchID:	229121
Date Analyzed:	09/04/2021	Extraction Method:	SW5030B
Instrument:	GC38	Analytical Method:	SW8260B
Matrix:	Water	Unit:	µg/L
Project:	1353-062; 1571,1581,1593 Industrial Pkwy	Sample ID:	MB/LCS/LCSD-229121 2109103-002BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	23.2			25	93	70-130
Toluene-d8	21.0			25	84	70-130
4-BFB	1.80			2.5	72	70-130



Quality Control Report

Client: Farallon Consulting

Date Prepared: 09/04/2021

Date Analyzed: 09/04/2021

Instrument: GC38

Matrix: Water

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103

BatchID: 229121

Extraction Method: SW5030B

Analytical Method: SW8260B

Unit: µg/L

Sample ID: MB/LCS/LCSD-229121
2109103-002BMS/MSD

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	39.8	41.5	40	99	104	60-130	4.39	20
tert-Amyl methyl ether (TAME)	3.88	4.03	4	97	101	60-130	3.87	20
Benzene	4.12	4.26	4	103	106	60-130	3.16	20
Bromobenzene	3.56	3.61	4	89	90	60-130	1.48	20
Bromochloromethane	3.85	3.99	4	96	100	60-130	3.63	20
Bromodichloromethane	4.49	4.65	4	112	116	60-130	3.43	20
Bromoform	3.77	3.94	4	94	98	50-130	4.34	20
Bromomethane	2.89	1.74	4	72	43,F2	50-130	49.9,F2	20
2-Butanone (MEK)	15.4	16.2	16	96	101	60-130	4.75	20
t-Butyl alcohol (TBA)	16.5	16.9	16	103	106	50-130	2.64	20
n-Butyl benzene	4.46	4.30	4	111	108	60-130	3.46	20
sec-Butyl benzene	4.29	4.32	4	107	108	60-130	0.645	20
tert-Butyl benzene	3.83	3.87	4	96	97	60-130	1.10	20
Carbon Disulfide	4.08	4.20	4	102	105	60-130	3.03	20
Carbon Tetrachloride	4.51	4.65	4	113	116	60-130	2.94	20
Chlorobenzene	3.85	3.90	4	96	98	60-130	1.35	20
Chloroethane	4.46	4.26	4	111	106	60-140	4.60	20
Chloroform	3.94	4.06	4	98	101	60-130	2.98	20
Chloromethane	4.47	4.48	4	112	112	50-130	0.155	20
2-Chlorotoluene	3.96	3.98	4	99	99	60-130	0.546	20
4-Chlorotoluene	3.74	3.75	4	94	94	60-130	0.0849	20
Dibromochloromethane	3.86	3.97	4	97	99	50-130	2.60	20
1,2-Dibromo-3-chloropropane	1.83	1.86	2	92	93	50-130	1.19	20
1,2-Dibromoethane (EDB)	1.97	2.03	2	99	102	60-130	2.93	20
Dibromomethane	3.93	4.08	4	98	102	60-130	3.89	20
1,2-Dichlorobenzene	3.71	3.74	4	93	93	60-130	0.669	20
1,3-Dichlorobenzene	4.00	3.99	4	100	100	60-130	0.112	20
1,4-Dichlorobenzene	3.71	3.71	4	93	93	60-130	0.131	20
Dichlorodifluoromethane	4.65	4.11	4	116	103	40-140	12.4	20
1,1-Dichloroethane	4.01	4.13	4	100	103	50-130	2.98	20
1,2-Dichloroethane (1,2-DCA)	4.20	4.35	4	105	109	60-130	3.50	20
1,1-Dichloroethene	4.09	4.21	4	102	105	60-130	2.95	20
cis-1,2-Dichloroethene	3.91	4.04	4	98	101	60-130	3.29	20
trans-1,2-Dichloroethene	3.88	3.98	4	97	100	60-130	2.64	20
1,2-Dichloropropane	4.18	4.33	4	104	108	60-130	3.54	20
1,3-Dichloropropane	4.00	4.07	4	100	102	60-130	1.69	20
2,2-Dichloropropane	4.26	4.33	4	107	108	60-130	1.46	20
1,1-Dichloropropene	4.01	4.13	4	100	103	60-130	2.92	20

(Cont.)



Quality Control Report

Client: Farallon Consulting

Date Prepared: 09/04/2021

Date Analyzed: 09/04/2021

Instrument: GC38

Matrix: Water

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103

BatchID: 229121

Extraction Method: SW5030B

Analytical Method: SW8260B

Unit: µg/L

Sample ID: MB/LCS/LCSD-229121
2109103-002BMS/MSD

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.98	4.06	4	100	102	60-130	2.00	20
trans-1,3-Dichloropropene	4.12	4.20	4	103	105	60-130	1.96	20
Diisopropyl ether (DIPE)	3.84	4.00	4	96	100	60-130	3.88	20
Ethylbenzene	4.02	4.03	4	101	101	60-130	0.141	20
Ethyl tert-butyl ether (ETBE)	3.97	4.12	4	99	103	60-130	3.55	20
Freon 113	3.80	3.90	4	95	98	60-130	2.76	20
Hexachlorobutadiene	4.03	4.02	4	101	101	60-130	0.223	20
Hexachloroethane	4.42	4.43	4	110	111	50-130	0.190	20
2-Hexanone	3.78	3.96	4	94	99	50-130	4.55	20
Isopropylbenzene	3.95	3.96	4	99	99	60-130	0.186	20
4-Isopropyl toluene	3.89	3.90	4	97	98	60-130	0.464	20
Methyl-t-butyl ether (MTBE)	3.91	4.06	4	98	102	60-130	3.72	20
Methylene chloride	3.80	3.95	4	95	99	50-130	4.08	20
4-Methyl-2-pentanone (MIBK)	3.86	3.99	4	97	100	50-130	3.28	20
Naphthalene	3.79	3.87	4	95	97	60-130	2.04	20
n-Propyl benzene	3.96	4.01	4	99	100	60-130	1.07	20
Styrene	3.98	4.03	4	99	101	60-130	1.30	20
1,1,1,2-Tetrachloroethane	3.90	3.94	4	98	98	60-130	0.894	20
1,1,2,2-Tetrachloroethane	4.09	4.15	4	102	104	60-130	1.51	20
Tetrachloroethene	3.89	3.96	4	97	99	60-130	1.56	20
Toluene	3.72	3.74	4	93	93	60-130	0.399	20
1,2,3-Trichlorobenzene	3.47	3.54	4	87	89	60-130	1.96	20
1,2,4-Trichlorobenzene	3.60	3.53	4	90	88	60-130	1.92	20
1,1,1-Trichloroethane	4.05	4.17	4	101	104	60-130	2.84	20
1,1,2-Trichloroethane	3.99	4.10	4	100	103	60-130	2.76	20
Trichloroethene	4.12	4.26	4	103	106	60-130	3.20	20
Trichlorofluoromethane	3.93	4.05	4	98	101	60-130	2.92	20
1,2,3-Trichloropropane	1.91	1.95	2	95	97	60-130	2.07	20
1,2,4-Trimethylbenzene	3.83	3.83	4	96	96	60-130	0.128	20
1,3,5-Trimethylbenzene	3.89	3.88	4	97	97	60-130	0.323	20
Vinyl Chloride	2.60	2.64	2	130	132,F2	60-130	1.66	20
m,p-Xylene	8.48	8.40	8	106	105	60-130	0.915	20
o-Xylene	4.37	4.41	4	109	110	60-130	0.988	20

(Cont.)



Quality Control Report

Client: Farallon Consulting

Date Prepared: 09/04/2021

Date Analyzed: 09/04/2021

Instrument: GC38

Matrix: Water

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103

BatchID: 229121

Extraction Method: SW5030B

Analytical Method: SW8260B

Unit: µg/L

Sample ID: MB/LCS/LCSD-229121
2109103-002BMS/MSD

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	23.2	23.8	25	93	95	70-130	2.66	20
Toluene-d8	20.8	20.9	25	83	84	70-130	0.591	20
4-BFB	1.87	1.85	2.5	75	74	70-130	1.15	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acetone	1	45.5	41.6	40	ND	114	104	60-140	8.91	20
tert-Amyl methyl ether (TAME)	1	4.11	3.76	4	ND	103	94	60-140	8.87	20
Benzene	1	4.20	3.88	4	ND	105	97	60-140	7.93	20
Bromobenzene	1	3.43	3.16	4	ND	86	79	60-140	8.22	20
Bromochloromethane	1	3.98	3.70	4	ND	99	93	60-140	7.22	20
Bromodichloromethane	1	4.55	4.17	4	ND	114	104	60-140	8.59	20
Bromoform	1	3.98	3.56	4	ND	99	89	50-140	11.2	20
Bromomethane	1	3.03	1.23	4	ND	76	31,F1	40-140	84.4,F1	20
2-Butanone (MEK)	1	18.1	16.3	16	ND	113	102	50-140	10.4	20
t-Butyl alcohol (TBA)	1	19.0	17.1	16	ND	118	107	50-140	10.1	20
n-Butyl benzene	1	4.24	3.75	4	ND	106	94	60-140	12.2	20
sec-Butyl benzene	1	4.20	3.82	4	ND	105	95	60-140	9.55	20
tert-Butyl benzene	1	3.67	3.38	4	ND	92	85	60-140	8.01	20
Carbon Disulfide	1	4.04	3.77	4	ND	101	94	60-140	6.89	20
Carbon Tetrachloride	1	4.43	4.11	4	ND	111	103	60-140	7.58	20
Chlorobenzene	1	3.78	3.46	4	ND	94	87	60-140	8.70	20
Chloroethane	1	4.19	4.03	4	ND	105	101	60-140	3.93	20
Chloroform	1	3.95	3.64	4	ND	99	91	60-140	8.17	20
Chloromethane	1	3.86	3.79	4	ND	97	95	60-140	2.05	20
2-Chlorotoluene	1	3.85	3.48	4	ND	96	87	60-140	10.2	20
4-Chlorotoluene	1	3.60	3.25	4	ND	90	81	60-140	10.3	20
Dibromochloromethane	1	3.88	3.50	4	ND	95	86	50-140	10.4	20
1,2-Dibromo-3-chloropropane	1	1.96	1.75	2	ND	98	88	50-140	11.0	20
1,2-Dibromoethane (EDB)	1	2.03	1.83	2	ND	101	92	60-140	9.95	20
Dibromomethane	1	4.16	3.78	4	ND	104	94	60-140	9.49	20
1,2-Dichlorobenzene	1	3.61	3.23	4	ND	90	81	60-140	11.2	20
1,3-Dichlorobenzene	1	3.91	3.53	4	ND	98	88	60-140	10.3	20
1,4-Dichlorobenzene	1	3.62	3.31	4	ND	90	83	60-140	8.92	20
Dichlorodifluoromethane	1	3.76	3.14	4	ND	94	78	40-140	18.0	20

(Cont.)



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/04/2021
Date Analyzed: 09/04/2021
Instrument: GC38
Matrix: Water
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
BatchID: 229121
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-229121
2109103-002BMS/MSD

QC Summary Report for SW8260B

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,1-Dichloroethane	1	4.04	3.74	4	ND	101	93	60-140	7.72	20
1,2-Dichloroethane (1,2-DCA)	1	4.35	3.98	4	ND	109	100	60-140	8.83	20
1,1-Dichloroethene	1	4.13	3.83	4	ND	103	96	50-140	7.49	20
cis-1,2-Dichloroethene	1	3.92	3.63	4	ND	98	91	60-140	7.74	20
trans-1,2-Dichloroethene	1	3.89	3.63	4	ND	97	91	60-140	6.71	20
1,2-Dichloropropane	1	4.31	3.98	4	ND	108	99	60-140	8.04	20
1,3-Dichloropropane	1	4.11	3.46	4	ND	103	87	60-140	17.2	20
2,2-Dichloropropane	1	3.91	3.55	4	ND	98	89	60-140	9.82	20
1,1-Dichloropropene	1	4.00	3.70	4	ND	100	93	60-140	7.65	20
cis-1,3-Dichloropropene	1	3.88	3.51	4	ND	97	88	60-140	10.1	20
trans-1,3-Dichloropropene	1	4.10	3.72	4	ND	103	93	60-140	9.73	20
Diisopropyl ether (DIPE)	1	4.08	3.74	4	ND	102	94	60-140	8.65	20
Ethylbenzene	1	3.85	3.61	4	ND	96	90	60-140	6.24	20
Ethyl tert-butyl ether (ETBE)	1	4.24	3.84	4	ND	106	96	60-140	9.88	20
Freon 113	1	3.80	3.53	4	ND	95	88	60-140	7.41	20
Hexachlorobutadiene	1	3.64	3.31	4	ND	91	83	60-140	9.57	20
Hexachloroethane	1	4.32	3.89	4	ND	108	97	40-140	10.5	20
2-Hexanone	1	4.42	3.82	4	ND	111	95	50-140	14.7	20
Isopropylbenzene	1	3.78	3.45	4	ND	95	86	60-140	9.09	20
4-Isopropyl toluene	1	3.72	3.40	4	ND	93	85	60-140	8.95	20
Methyl-t-butyl ether (MTBE)	1	4.22	3.83	4	ND	105	96	60-140	9.51	20
Methylene chloride	1	3.82	3.51	4	ND	95	88	60-140	8.44	20
4-Methyl-2-pentanone (MIBK)	1	4.30	3.84	4	ND	108	96	50-140	11.2	20
Naphthalene	1	3.88	3.53	4	ND	97	88	50-140	9.49	20
n-Propyl benzene	1	3.86	3.49	4	ND	96	87	60-140	9.94	20
Styrene	1	3.88	3.57	4	ND	97	89	40-140	8.12	20
1,1,1,2-Tetrachloroethane	1	3.79	3.46	4	ND	95	87	60-140	9.10	20
1,1,2,2-Tetrachloroethane	1	4.39	3.91	4	ND	110	98	60-140	11.6	20
Tetrachloroethene	1	3.68	3.39	4	ND	92	85	60-140	8.17	20
Toluene	1	3.61	3.34	4	ND	90	83	60-140	7.93	20
1,2,3-Trichlorobenzene	1	3.32	3.04	4	ND	83	76	60-140	8.84	20
1,2,4-Trichlorobenzene	1	3.32	3.03	4	ND	83	76	60-140	9.14	20
1,1,1-Trichloroethane	1	3.99	3.68	4	ND	100	92	60-140	8.07	20
1,1,2-Trichloroethane	1	4.10	3.72	4	ND	102	93	60-140	9.77	20
Trichloroethene	1	4.08	3.79	4	ND	102	95	60-140	7.47	20
Trichlorofluoromethane	1	3.94	3.71	4	ND	99	93	60-140	6.18	20
1,2,3-Trichloropropane	1	2.03	1.80	2	ND	101	90	60-140	12.0	20
1,2,4-Trimethylbenzene	1	3.69	3.36	4	ND	92	84	60-140	9.38	20

(Cont.)



Quality Control Report

Client: Farallon Consulting

Date Prepared: 09/04/2021

Date Analyzed: 09/04/2021

Instrument: GC38

Matrix: Water

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103

BatchID: 229121

Extraction Method: SW5030B

Analytical Method: SW8260B

Unit: µg/L

Sample ID: MB/LCS/LCSD-229121
2109103-002BMS/MSD

QC Summary Report for SW8260B

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,3,5-Trimethylbenzene	1	3.72	3.36	4	ND	93	84	60-140	10.1	20
Vinyl Chloride	1	2.58	2.43	2	ND	129	121	60-140	5.98	20
m,p-Xylene	1	8.19	7.53	8	ND	102	94	60-140	8.45	20
o-Xylene	1	4.32	4.00	4	ND	108	100	60-140	7.76	20
Surrogate Recovery										
Dibromofluoromethane	1	23.9	23.7	25		96	95	70-140	0.808	20
Toluene-d8	1	20.9	20.7	25		84	83	70-140	0.660	20
4-BFB	1	1.80	1.79	2.5		72	71	70-140	0.806	20



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/01/2021 - 09/02/2021
Date Analyzed: 09/04/2021
Instrument: GC18
Matrix: Soil
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
BatchID: 228914
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-228914

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.250	0.250	-	-	-
Surrogate Recovery						
Dibromofluoromethane	0.111			0.125	89	70-140
Benzene-D6	0.114			0.1	114	70-140

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(g) (C6-C12)	1.08	1.07	1	108	107	67-117	1.77	20
Surrogate Recovery								
Dibromofluoromethane	0.112	0.113	0.12	89	90	70-140	1.10	20
Benzene-D6	0.111	0.111	0.10	111	111	70-140	0.155	20



Quality Control Report

Client: Farallon Consulting

Date Prepared: 09/04/2021

Date Analyzed: 09/04/2021

Instrument: GC38

Matrix: Water

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103

BatchID: 229121

Extraction Method: SW5030B

Analytical Method: SW8260B

Unit: µg/L

Sample ID: MB/LCS/LCSD-229121
2109103-002BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	11.0	50.0	-	-	-

Surrogate Recovery

Dibromofluoromethane	22.4			25	90	70-130
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(g) (C6-C12)	168	169	200	84	85	70-118	0.969	20

Surrogate Recovery

Dibromofluoromethane	23.1	23.2	25	92	93	70-130	0.630	20
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(g) (C6-C12)		N/A	N/A		N/A	N/A	N/A	-	N/A	-

Surrogate Recovery

Dibromofluoromethane		N/A	N/A			N/A	N/A	-	N/A	-
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Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/07/2021
Date Analyzed: 09/07/2021
Instrument: GC21, GC42
Matrix: Soil
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
BatchID: 229154
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-229154

QC Summary Report for SW8270C

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acenaphthene	ND	0.000530	0.00130	-	-	-
Acenaphthylene	ND	0.000370	0.00130	-	-	-
Anthracene	ND	0.000950	0.00130	-	-	-
Benzo (a) anthracene	ND	0.00400	0.0130	-	-	-
Benzo (a) pyrene	ND	0.000980	0.00250	-	-	-
Benzo (b) fluoranthene	ND	0.00140	0.00250	-	-	-
Benzo (g,h,i) perylene	ND	0.00120	0.00250	-	-	-
Benzo (k) fluoranthene	ND	0.00110	0.00250	-	-	-
Chrysene	ND	0.00130	0.00250	-	-	-
Dibenzo (a,h) anthracene	ND	0.00140	0.00250	-	-	-
Fluoranthene	ND	0.000910	0.00250	-	-	-
Fluorene	ND	0.00120	0.00250	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.00300	0.0130	-	-	-
1-Methylnaphthalene	ND	0.000420	0.00130	-	-	-
2-Methylnaphthalene	ND	0.000450	0.00130	-	-	-
Naphthalene	ND	0.000280	0.00130	-	-	-
Phenanthrene	ND	0.00110	0.00500	-	-	-
Pyrene	ND	0.00180	0.00250	-	-	-
Surrogate Recovery						
2-Fluorophenol	1.19			1.25	95	70-130
2-Fluorobiphenyl	1.24			1.25	99	60-130



Quality Control Report

Client: Farallon Consulting

Date Prepared: 09/07/2021

Date Analyzed: 09/07/2021

Instrument: GC21, GC42

Matrix: Soil

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103

BatchID: 229154

Extraction Method: SW3550B

Analytical Method: SW8270C

Unit: mg/Kg

Sample ID: MB/LCS/LCSD-229154

QC Summary Report for SW8270C

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.0524	0.0467	0.062	84	75	60-130	11.5	30
Acenaphthylene	0.0647	0.0580	0.062	104	93	60-130	10.9	30
Anthracene	0.0501	0.0452	0.062	80	72	60-130	10.3	30
Benzo (a) anthracene	0.0494	0.0444	0.062	79	71	70-130	10.8	30
Benzo (a) pyrene	0.0491	0.0438	0.062	79	70	70-130	11.5	30
Benzo (b) fluoranthene	0.0663	0.0600	0.062	106	96	60-130	9.87	30
Benzo (g,h,i) perylene	0.0544	0.0484	0.062	87	77	70-130	11.6	30
Benzo (k) fluoranthene	0.0544	0.0481	0.062	87	77	70-130	12.2	30
Chrysene	0.0567	0.0508	0.062	91	81	70-130	11.1	30
Dibenzo (a,h) anthracene	0.0519	0.0468	0.062	83	75	70-130	10.3	30
Fluoranthene	0.0522	0.0463	0.062	84	74	70-130	12.0	30
Fluorene	0.0570	0.0508	0.062	91	81	60-130	11.5	30
Indeno (1,2,3-cd) pyrene	0.0578	0.0544	0.062	92	87	70-130	6.15	30
1-Methylnaphthalene	0.0533	0.0492	0.062	85	79	70-130	8.06	30
2-Methylnaphthalene	0.0763	0.0707	0.062	122	113	70-130	7.67	30
Naphthalene	0.0612	0.0561	0.062	98	90	70-130	8.64	30
Phenanthrene	0.0590	0.0535	0.062	94	86	60-130	9.78	30
Pyrene	0.0619	0.0565	0.062	99	90	70-130	9.12	30
Surrogate Recovery								
2-Fluorophenol	1.10	1.06	1.25	88	85	70-130	3.75	30
2-Fluorobiphenyl	1.10	0.976	1.25	88	78	60-130	11.9	30



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109103
Date Prepared:	09/03/2021	BatchID:	229065
Date Analyzed:	09/03/2021	Extraction Method:	E625
Instrument:	GC21	Analytical Method:	SW8270C
Matrix:	Water	Unit:	µg/L
Project:	1353-062; 1571,1581,1593 Industrial Pkwy	Sample ID:	MB/LCS/LCSD-229065

QC Summary Report for SW8270C

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acenaphthene	ND	0.00110	0.00500	-	-	-
Acenaphthylene	ND	0.000660	0.00500	-	-	-
Anthracene	ND	0.00200	0.00500	-	-	-
Benzo (a) anthracene	ND	0.00650	0.0500	-	-	-
Benzo (a) pyrene	ND	0.00160	0.00500	-	-	-
Benzo (b) fluoranthene	ND	0.000790	0.00500	-	-	-
Benzo (g,h,i) perylene	ND	0.000700	0.00500	-	-	-
Benzo (k) fluoranthene	ND	0.00150	0.00500	-	-	-
Chrysene	ND	0.000580	0.00500	-	-	-
Dibenzo (a,h) anthracene	ND	0.000620	0.00500	-	-	-
Fluoranthene	ND	0.000590	0.00500	-	-	-
Fluorene	ND	0.00320	0.00500	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.00100	0.00500	-	-	-
1-Methylnaphthalene	ND	0.000810	0.00500	-	-	-
2-Methylnaphthalene	ND	0.00190	0.00500	-	-	-
Naphthalene	ND	0.00750	0.0500	-	-	-
Pentachlorophenol	ND	0.0190	0.250	-	-	-
Phenanthrene	ND	0.00450	0.00500	-	-	-
Pyrene	ND	0.000530	0.00500	-	-	-

Surrogate Recovery

2-Fluorophenol	3.81	5	76	50-130
Phenol-d5	3.88	5	78	60-130
Nitrobenzene-d5	4.77	5	95	60-130
2-Fluorobiphenyl	4.20	5	84	60-130
2,4,6-Tribromophenol	3.86	5	77	60-130
4-Terphenyl-d14	3.76	5	75	60-130

(Cont.)



Quality Control Report

Client: Farallon Consulting

Date Prepared: 09/03/2021

Date Analyzed: 09/03/2021

Instrument: GC21

Matrix: Water

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103

BatchID: 229065

Extraction Method: E625

Analytical Method: SW8270C

Unit: µg/L

Sample ID: MB/LCS/LCSD-229065

QC Summary Report for SW8270C

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.232	0.220	0.25	93	88	70-130	5.34	25
Acenaphthylene	0.308	0.291	0.25	123	116	60-130	5.76	25
Anthracene	0.235	0.217	0.25	94	87	70-130	7.93	25
Benzo (a) anthracene	0.250	0.229	0.25	100	92	60-130	8.69	25
Benzo (a) pyrene	0.216	0.202	0.25	86	81	70-130	6.81	25
Benzo (b) fluoranthene	0.284	0.270	0.25	114	108	60-130	5.29	25
Benzo (g,h,i) perylene	0.250	0.231	0.25	100	93	70-130	7.64	25
Benzo (k) fluoranthene	0.291	0.285	0.25	116	114	70-130	2.01	25
Chrysene	0.292	0.266	0.25	117	106	70-130	9.10	25
Dibenzo (a,h) anthracene	0.218	0.205	0.25	87	82	70-130	6.17	25
Fluoranthene	0.260	0.236	0.25	104	95	70-130	9.57	25
Fluorene	0.267	0.253	0.25	107	101	70-130	5.37	25
Indeno (1,2,3-cd) pyrene	0.256	0.238	0.25	102	95	70-130	7.43	25
1-Methylnaphthalene	0.244	0.238	0.25	98	95	70-130	2.63	25
2-Methylnaphthalene	0.337	0.306	0.25	135,F2	122	60-130	9.63	25
Naphthalene	0.239	0.221	0.25	96	88	50-130	7.75	25
Phenanthrene	0.294	0.268	0.25	118	107	70-130	9.58	25
Pyrene	0.292	0.266	0.25	117	106	70-130	9.44	25
Surrogate Recovery								
2-Fluorophenol	3.64	3.55	5	73	71	50-130	2.69	25
Phenol-d5	3.96	3.75	5	79	75	60-130	5.51	25
Nitrobenzene-d5	5.49	5.43	5	110	109	60-130	1.06	25
2-Fluorobiphenyl	4.91	4.82	5	98	96	60-130	1.85	25
2,4,6-Tribromophenol	4.86	4.64	5	97	93	60-130	4.80	25



Quality Control Report

Client: Farallon Consulting

Date Prepared: 09/02/2021

Date Analyzed: 09/02/2021

Instrument: ICP-MS5

Matrix: Soil

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103

BatchID: 228990

Extraction Method: SW3050B

Analytical Method: SW6020

Unit: mg/kg

Sample ID: MB/LCS/LCSD-228990

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.160	0.500	-	-	-
Arsenic	ND	0.140	0.500	-	-	-
Barium	ND	0.680	5.00	-	-	-
Beryllium	ND	0.0830	0.500	-	-	-
Cadmium	ND	0.0940	0.500	-	-	-
Chromium	ND	0.130	0.500	-	-	-
Cobalt	ND	0.0690	0.500	-	-	-
Copper	ND	0.230	0.500	-	-	-
Lead	ND	0.0690	0.500	-	-	-
Molybdenum	ND	0.140	0.500	-	-	-
Nickel	ND	0.0810	0.500	-	-	-
Selenium	ND	0.320	0.500	-	-	-
Silver	ND	0.110	0.500	-	-	-
Thallium	ND	0.0720	0.500	-	-	-
Vanadium	ND	0.150	0.500	-	-	-
Zinc	ND	3.20	5.00	-	-	-
Surrogate Recovery						
Terbium	528			500	106	70-130

(Cont.)

CA ELAP 1644 • NELAP 4033ORELAP



Quality Control Report

Client: Farallon Consulting

Date Prepared: 09/02/2021

Date Analyzed: 09/02/2021

Instrument: ICP-MS5

Matrix: Soil

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103

BatchID: 228990

Extraction Method: SW3050B

Analytical Method: SW6020

Unit: mg/kg

Sample ID: MB/LCS/LCSD-228990

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	48.4	49.9	50	97	100	75-125	3.13	20
Arsenic	48.9	48.9	50	98	98	75-125	0.0348	20
Barium	482	495	500	96	99	75-125	2.77	20
Beryllium	47.5	49.8	50	95	100	75-125	4.75	20
Cadmium	47.3	48.6	50	95	97	75-125	2.75	20
Chromium	49.1	48.7	50	98	97	75-125	0.650	20
Cobalt	48.4	49.4	50	97	99	75-125	2.14	20
Copper	48.8	48.6	50	98	97	75-125	0.367	20
Lead	46.8	47.9	50	94	96	75-125	2.27	20
Molybdenum	46.5	48.4	50	93	97	75-125	3.96	20
Nickel	48.6	48.8	50	97	98	75-125	0.456	20
Selenium	48.0	49.0	50	96	98	75-125	1.99	20
Silver	47.2	49.0	50	95	98	75-125	3.57	20
Thallium	47.4	49.3	50	95	99	75-125	3.76	20
Vanadium	48.8	48.7	50	98	97	75-125	0.218	20
Zinc	488	489	500	98	98	75-125	0.176	20
Surrogate Recovery								
Terbium	530	529	500	106	106	70-130	0.113	20



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109103
Date Prepared:	09/07/2021	BatchID:	229014
Date Analyzed:	09/07/2021	Extraction Method:	SW7471B
Instrument:	AA1	Analytical Method:	SW7471B
Matrix:	Soil	Unit:	mg/Kg
Project:	1353-062; 1571,1581,1593 Industrial Pkwy	Sample ID:	MB/LCS/LCSD-229014

QC Summary Report for Mercury

Analyte	MB Result	MDL	RL			
Mercury	ND	0.0150	0.0170	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Mercury	0.163	0.156	0.17	97	93	80-120	4.48	20



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/02/2021
Date Analyzed: 09/02/2021
Instrument: GC39A
Matrix: Soil
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
BatchID: 228966
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-228966

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.780	2.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.60	10.0	-	-	-
Surrogate Recovery						
C9	20.9			25	84	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	34.6	35.4	40	86	88	70-130	2.28	20
Surrogate Recovery								
C9	20.8	20.8	25	83	83	70-130	0.0995	20



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109103
Date Prepared:	09/02/2021	BatchID:	228992
Date Analyzed:	09/02/2021 - 09/08/2021	Extraction Method:	SW3550B
Instrument:	GC39A, GC6A	Analytical Method:	SW8015B
Matrix:	Soil	Unit:	mg/Kg
Project:	1353-062; 1571,1581,1593 Industrial Pkwy	Sample ID:	MB/LCS/LCSD-228992 2109103-023AMS/MSD

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.780	2.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.60	10.0	-	-	-

Surrogate Recovery

C9	20.9			25	84	70-130
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	35.1	37.3	40	88	93	70-130	5.98	20

Surrogate Recovery

C9	20.8	20.8	25	83	83	70-130	0.0414	20
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	2	17.5	17.6	40	4.451	33,F1	33,F1	70-130	0.730	20

Surrogate Recovery

C9	2	24.5	24.5	25		98	98	70-130	0.273	20
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Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/02/2021
Date Analyzed: 09/04/2021
Instrument: GC6A
Matrix: Water
Project: 1353-062; 1571,1581,1593 Industrial Pkwy

WorkOrder: 2109103
BatchID: 228961
Extraction Method: SW3510C
Analytical Method: SW8015B
Unit: µg/L
Sample ID: MB/LCS/LCSD-228961

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	42.0	100	-	-	-
TPH-Motor Oil (C18-C36)	ND	190	500	-	-	-
Surrogate Recovery						
C9	627			625	100	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	988	1030	1000	99	103	70-130	4.35	20
Surrogate Recovery								
C9	727	733	625	116	117	70-130	0.774	20



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

Page 1 of 2

WorkOrder: 2109103

ClientCode: FCOKC

QuoteID: 213077

☐ WaterTrax☐ WriteOn☐ EDF☐ EQUIS☐ Dry-Weight☐ Email☐ HardCopy☐ ThirdParty☐ J-flag☐ Detection Summary☒ Excel [FormatA]

Report to:

Peter Sims
Farallon Consulting
330 Franklin Street, Ste. 200
Oakland, CA 94607
(510) 999-2142 FAX:

Email: psims@farallonconsulting.com
cc/3rd Party: saguilar@farallonconsulting.com;

PO:

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

Bill to:

Accounts Payable
Farallon Consulting
975 5th Avenue Northwest
Issaquah, WA 98027
ap@farallonconsulting.com

Requested TAT: 3 days;

Date Received: 09/01/2021

Date Logged: 09/02/2021

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2109103-001	F-1-5.0	Soil	8/31/2021 14:00	☐	A		A		A		A	A		A		
2109103-002	FGW-1	Water	8/31/2021 14:30	☐		B		B		A		A			C	
2109103-003	F-2-5.0	Soil	8/31/2021 14:15	☐	A		A		A		A	A		A		
2109103-004	F-3-4.0	Soil	8/31/2021 11:30	☐	A		A		A		A	A		A		
2109103-005	F-4-2.5	Soil	8/31/2021 11:50	☒								A	A			
2109103-006	F-4-5.0	Soil	8/31/2021 11:45	☐	A		A		A		A	A		A		
2109103-007	FGW-4	Water	8/31/2021 12:00	☐		B		B		A		A			C	
2109103-008	F-5-5.0	Soil	8/31/2021 10:45	☐	A		A		A		A	A		A		
2109103-009	F-6-5.0	Soil	8/31/2021 09:50	☐	A		A		A		A	A		A		
2109103-010	FGW-6	Water	8/31/2021 10:15	☐		B		B		A		A			C	
2109103-011	F-7-5.0	Soil	8/31/2021 15:40	☐	A		A		A		A	A		A		
2109103-012	FGW-7	Water	8/31/2021 15:45	☐		B		B		A		A			C	
2109103-013	F-8-5.0	Soil	8/30/2021 09:55	☒								A	A			
2109103-014	F-8-7.0	Soil	8/30/2021 10:45	☐	A		A		A		A	A		A		
2109103-015	FGW-8	Water	8/30/2021 10:40	☐		B		B		A		A			C	

Test Legend:

1	8260B_S
5	8270_PNA_S
9	PRHOLD

2	8260B_W
6	8270_PNA_W
10	TPH(DMO)_S

3	8260GAS_S
7	CAM17MS_TTLC_S
11	TPH(DMO)_W

4	8260GAS_W
8	PRDisposal Fee
12	

Project Manager: Jennifer Lagerbom

Prepared by: Cassandra Gallegos

The following SampleIDs: 001A, 003A, 004A, 006A, 008A, 009A, 011A, 014A, 016A, 018A, 020A, 021A, 023A, 024A, 025A contain testgroup Gas8260_S.; The following SampleIDs: 002B, 007B, 010B, 012B, 015B, 017B, 019B, 022B contain testgroup Gas8260_W.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

Page 2 of 2

WorkOrder: 2109103

ClientCode: FCOKC

QuoteID: 213077

☐ WaterTrax☐ WriteOn☐ EDF☐ EQuIS☐ Dry-Weight☐ Email☐ HardCopy☐ ThirdParty☐ J-flag☐ Detection Summary☒ Excel [FormatA]

Report to:

Peter Sims
Farallon Consulting
330 Franklin Street, Ste. 200
Oakland, CA 94607
(510) 999-2142 FAX:

Email: psims@farallonconsulting.com
cc/3rd Party: saguilar@farallonconsulting.com;

PO:

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

Bill to:

Accounts Payable
Farallon Consulting
975 5th Avenue Northwest
Issaquah, WA 98027
ap@farallonconsulting.com

Requested TAT: 3 days;

Date Received: 09/01/2021

Date Logged: 09/02/2021

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2109103-016	F-9-5.0	Soil	8/31/2021 08:30	☐	A		A		A		A	A		A		
2109103-017	FGW-9	Water	8/31/2021 09:15	☐		B		B		A		A			C	
2109103-018	F-10-5.0	Soil	8/31/2021 11:50	☐	A		A		A		A	A		A		
2109103-019	FGW-10	Water	8/31/2021 12:10	☐		B		B		A		A			C	
2109103-020	F-11-5.0	Soil	8/30/2021 13:30	☐	A		A		A		A	A		A		
2109103-021	F-12-5.0	Soil	8/30/2021 14:00	☐	A		A		A		A	A		A		
2109103-022	FGW-12	Water	8/30/2021 14:10	☐		B		B		A		A			C	
2109103-023	F-13-5.0	Soil	8/30/2021 15:40	☐	A		A		A		A	A		A		
2109103-024	F-14-5.0	Soil	8/30/2021 16:00	☐	A		A		A		A	A		A		
2109103-025	F-15-3.0	Soil	8/31/2021 09:30	☐	A		A		A		A	A		A		

Test Legend:

1	8260B_S	2	8260B_W	3	8260GAS_S	4	8260GAS_W
5	8270_PNA_S	6	8270_PNA_W	7	CAM17MS_TTLC_S	8	PRDisposal Fee
9	PRHOLD	10	TPH(DMO)_S	11	TPH(DMO)_W	12	

Project Manager: Jennifer Lagerbom

Prepared by: Cassandra Gallegos

The following SampleIDs: 001A, 003A, 004A, 006A, 008A, 009A, 011A, 014A, 016A, 018A, 020A, 021A, 023A, 024A, 025A contain testgroup Gas8260_S.; The following SampleIDs: 002B, 007B, 010B, 012B, 015B, 017B, 019B, 022B contain testgroup Gas8260_W.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

Work Order: 2109103

Client Contact: Peter Sims

QC Level: LEVEL 2

Contact's Email: psims@farallonconsulting.com

Comments:

Date Logged: 9/2/2021

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LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
001A	F-1-5.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/31/2021 14:00	3 days	9/7/2021		☐	
			SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc>			☐	☐		3 days	9/7/2021		☐	
			SW8270C (PAHs/PNAs)			☐	☐		3 days	9/7/2021		☐	
			TPH(g) & 8260 by P&T GCMS			☐	☐		3 days	9/7/2021		☐	
002A	FGW-1	Water	SW8270C (PAHs/PNAs)	1	1LA Narrow Mouth, Unpres	☐	☐	8/31/2021 14:30	3 days	9/7/2021	2%+	☐	
002B	FGW-1	Water	TPH(g) & 8260 by P&T GCMS	2	VOA w/ HCl	☐	☐	8/31/2021 14:30	3 days	9/7/2021	2%+	☐	
002C	FGW-1	Water	SW8015B (Diesel & Motor Oil)	2	aVOA, Unpres	☐	☐	8/31/2021 14:30	3 days	9/7/2021	2%+	☐	
003A	F-2-5.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/31/2021 14:15	3 days	9/7/2021		☐	
			SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc>			☐	☐		3 days	9/7/2021		☐	
			SW8270C (PAHs/PNAs)			☐	☐		3 days	9/7/2021		☐	
			TPH(g) & 8260 by P&T GCMS			☐	☐		3 days	9/7/2021		☐	
004A	F-3-4.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/31/2021 11:30	3 days	9/7/2021		☐	

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

Work Order: 2109103

Client Contact: Peter Sims

QC Level: LEVEL 2

Contact's Email: psims@farallonconsulting.com

Comments:

Date Logged: 9/2/2021

☐ WaterTrax ☐ WriteOn ☐ EDF ☒ Excel ☐ EQUIS ☐ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
004A	F-3-4.0	Soil	SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc> SW8270C (PAHs/PNAs) TPH(g) & 8260 by P&T GCMS	1	16OZ GJ, Unpres	☐	☐	8/31/2021 11:30	3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
006A	F-4-5.0	Soil	SW8015B (Diesel & Motor Oil) SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc> SW8270C (PAHs/PNAs) TPH(g) & 8260 by P&T GCMS	1	16OZ GJ, Unpres	☐	☐	8/31/2021 11:45	3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
007A	FGW-4	Water	SW8270C (PAHs/PNAs)	1	1LA Narrow Mouth, Unpres	☐	☐	8/31/2021 12:00	3 days	9/7/2021	1%+	☐	
007B	FGW-4	Water	TPH(g) & 8260 by P&T GCMS	2	VOA w/ HCl	☐	☐	8/31/2021 12:00	3 days	9/7/2021	1%+	☐	
007C	FGW-4	Water	SW8015B (Diesel & Motor Oil)	2	aVOA, Unpres	☐	☐	8/31/2021 12:00	3 days	9/7/2021	1%+	☐	
008A	F-5-5.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/31/2021 10:45	3 days	9/7/2021		☐	

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WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

Work Order: 2109103

Client Contact: Peter Sims

QC Level: LEVEL 2

Contact's Email: psims@farallonconsulting.com

Comments:

Date Logged: 9/2/2021

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LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
008A	F-5-5.0	Soil	SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc> SW8270C (PAHs/PNAs) TPH(g) & 8260 by P&T GCMS	1	16OZ GJ, Unpres	☐	☐	8/31/2021 10:45	3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
009A	F-6-5.0	Soil	SW8015B (Diesel & Motor Oil) SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc> SW8270C (PAHs/PNAs) TPH(g) & 8260 by P&T GCMS	1	16OZ GJ, Unpres	☐	☐	8/31/2021 9:50	3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
010A	FGW-6	Water	SW8270C (PAHs/PNAs)	1	1LA Narrow Mouth, Unpres	☐	☐	8/31/2021 10:15	3 days	9/7/2021	1%+	☐	
010B	FGW-6	Water	TPH(g) & 8260 by P&T GCMS	2	VOA w/ HCl	☐	☐	8/31/2021 10:15	3 days	9/7/2021	1%+	☐	
010C	FGW-6	Water	SW8015B (Diesel & Motor Oil)	2	aVOA, Unpres	☐	☐	8/31/2021 10:15	3 days	9/7/2021	1%+	☐	
011A	F-7-5.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/31/2021 15:40	3 days	9/7/2021		☐	

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WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

Work Order: 2109103

Client Contact: Peter Sims

QC Level: LEVEL 2

Contact's Email: psims@farallonconsulting.com

Comments:

Date Logged: 9/2/2021

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LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
011A	F-7-5.0	Soil	SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc> SW8270C (PAHs/PNAs) TPH(g) & 8260 by P&T GCMS	1	16OZ GJ, Unpres	☐	☐	8/31/2021 15:40	3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
012A	FGW-7	Water	SW8270C (PAHs/PNAs)	1	1LA Narrow Mouth, Unpres	☐	☐	8/31/2021 15:45	3 days	9/7/2021	10%+	☐	
012B	FGW-7	Water	TPH(g) & 8260 by P&T GCMS	2	VOA w/ HCl	☐	☐	8/31/2021 15:45	3 days	9/7/2021	10%+	☐	
012C	FGW-7	Water	SW8015B (Diesel & Motor Oil)	2	aVOA, Unpres	☐	☐	8/31/2021 15:45	3 days	9/7/2021	10%+	☐	
014A	F-8-7.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/30/2021 10:45	3 days	9/7/2021		☐	
			SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc> SW8270C (PAHs/PNAs) TPH(g) & 8260 by P&T GCMS			☐	☐		3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
015A	FGW-8	Water	SW8270C (PAHs/PNAs)	1	1LA Narrow Mouth, Unpres	☐	☐	8/30/2021 10:40	3 days	9/7/2021	10%+	☐	

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WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

Work Order: 2109103

Client Contact: Peter Sims

QC Level: LEVEL 2

Contact's Email: psims@farallonconsulting.com

Comments:

Date Logged: 9/2/2021

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LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
015B	FGW-8	Water	TPH(g) & 8260 by P&T GCMS	2	VOA w/ HCl	☐	☐	8/30/2021 10:40	3 days	9/7/2021	10%+	☐	
015C	FGW-8	Water	SW8015B (Diesel & Motor Oil)	2	aVOA, Unpres	☐	☐	8/30/2021 10:40	3 days	9/7/2021	10%+	☐	
016A	F-9-5.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/31/2021 8:30	3 days	9/7/2021		☐	
			SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc>			☐	☐		3 days	9/7/2021		☐	
			SW8270C (PAHs/PNAs)			☐	☐		3 days	9/7/2021		☐	
			TPH(g) & 8260 by P&T GCMS			☐	☐		3 days	9/7/2021		☐	
017A	FGW-9	Water	SW8270C (PAHs/PNAs)	1	1LA Narrow Mouth, Unpres	☐	☐	8/31/2021 9:15	3 days	9/7/2021	15%+	☐	
017B	FGW-9	Water	TPH(g) & 8260 by P&T GCMS	2	VOA w/ HCl	☐	☐	8/31/2021 9:15	3 days	9/7/2021	15%+	☐	
017C	FGW-9	Water	SW8015B (Diesel & Motor Oil)	2	aVOA, Unpres	☐	☐	8/31/2021 9:15	3 days	9/7/2021	15%+	☐	
018A	F-10-5.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/31/2021 11:50	3 days	9/7/2021		☐	
			SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc>			☐	☐		3 days	9/7/2021		☐	
			SW8270C (PAHs/PNAs)			☐	☐		3 days	9/7/2021		☐	

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WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

Work Order: 2109103

Client Contact: Peter Sims

QC Level: LEVEL 2

Contact's Email: psims@farallonconsulting.com

Comments:

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LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
018A	F-10-5.0	Soil	TPH(g) & 8260 by P&T GCMS	1	16OZ GJ, Unpres	☐	☐	8/31/2021 11:50	3 days	9/7/2021		☐	
019A	FGW-10	Water	SW8270C (PAHs/PNAs)	1	1LA Narrow Mouth, Unpres	☐	☐	8/31/2021 12:10	3 days	9/7/2021	15%+	☐	
019B	FGW-10	Water	TPH(g) & 8260 by P&T GCMS	2	VOA w/ HCl	☐	☐	8/31/2021 12:10	3 days	9/7/2021	15%+	☐	
019C	FGW-10	Water	SW8015B (Diesel & Motor Oil)	2	aVOA, Unpres	☐	☐	8/31/2021 12:10	3 days	9/7/2021	15%+	☐	
020A	F-11-5.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/30/2021 13:30	3 days	9/7/2021		☐	
			SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc>			☐	☐		3 days	9/7/2021		☐	
			SW8270C (PAHs/PNAs)			☐	☐		3 days	9/7/2021		☐	
			TPH(g) & 8260 by P&T GCMS			☐	☐		3 days	9/7/2021		☐	
021A	F-12-5.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/30/2021 14:00	3 days	9/7/2021		☐	
			SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc>			☐	☐		3 days	9/7/2021		☐	
			SW8270C (PAHs/PNAs)			☐	☐		3 days	9/7/2021		☐	
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WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING

Project: 1353-062; 1571,1581,1593 Industrial Pkwy

Work Order: 2109103

Client Contact: Peter Sims

QC Level: LEVEL 2

Contact's Email: psims@farallonconsulting.com

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LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
022A	FGW-12	Water	SW8270C (PAHs/PNAs)	1	1LA Narrow Mouth, Unpres	☐	☐	8/30/2021 14:10	3 days	9/7/2021	10%+	☐	
022B	FGW-12	Water	TPH(g) & 8260 by P&T GCMS	2	VOA w/ HCl	☐	☐	8/30/2021 14:10	3 days	9/7/2021	10%+	☐	
022C	FGW-12	Water	SW8015B (Diesel & Motor Oil)	2	aVOA, Unpres	☐	☐	8/30/2021 14:10	3 days	9/7/2021	10%+	☐	
023A	F-13-5.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/30/2021 15:40	3 days	9/7/2021		☐	
			SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc>			☐	☐		3 days	9/7/2021		☐	
			SW8270C (PAHs/PNAs)			☐	☐		3 days	9/7/2021		☐	
			TPH(g) & 8260 by P&T GCMS			☐	☐		3 days	9/7/2021		☐	
024A	F-14-5.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/30/2021 16:00	3 days	9/7/2021		☐	
			SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc>			☐	☐		3 days	9/7/2021		☐	
			SW8270C (PAHs/PNAs)			☐	☐		3 days	9/7/2021		☐	
			TPH(g) & 8260 by P&T GCMS			☐	☐		3 days	9/7/2021		☐	
025A	F-15-3.0	Soil	SW8015B (Diesel & Motor Oil)	1	16OZ GJ, Unpres	☐	☐	8/31/2021 9:30	3 days	9/7/2021		☐	

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Project: 1353-062; 1571,1581,1593 Industrial Pkwy

Work Order: 2109103

Client Contact: Peter Sims

QC Level: LEVEL 2

Contact's Email: psims@farallonconsulting.com

Comments:

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025A	F-15-3.0	Soil	SW6020 (CAM 17) <Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc> SW8270C (PAHs/PNAs) TPH(g) & 8260 by P&T GCMS	1	16OZ GJ, Unpres	☐	☐	8/31/2021 9:30	3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	
						☐	☐		3 days	9/7/2021		☐	

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

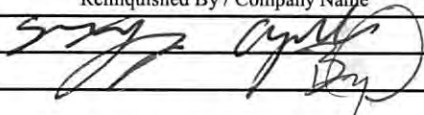
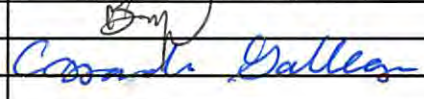
Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 2-10°C Initials _____

we

 McCAMPBELL ANALYTICAL, INC. 1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701 Telephone: (877) 252-9262 / Fax: (925) 252-9269 www.mccampbell.com main@mccampbell.com						CHAIN OF CUSTODY RECORD																																																																															
Report To: <u>Petersms</u> Bill To: <u>Farallon</u> Company: <u>Farallon</u> Email: <u>seguller@farallonconsulting.com</u> Alt Email: Tele: <u>510-789-7180</u> Project Name: <u>Hayward, CA</u> Project #: <u>1353-002</u> Project Location: PO # Sampler Signature: <u>[Signature]</u>						Turn Around Time: 1 Day Rush ☐ 2 Day Rush ☐ 3 Day Rush ☐ STD ☒ Quote # J-Flag / MDL ☐ ESL ☐ Cleanup Approved ☐ Dry Weight ☐ Bottle Order # Delivery Format: PDF ☐ GeoTracker EDF ☐ EDD ☒ Write On (DW) ☐ Detect Summary ☐																																																																															
						Analysis Requested																																																																															
						GRB #8260B DRO #8015 URO #8260B PAHS #8260B Time 22 Metals PCBs #8022A VOCs #8260B <!-- Analysis grid content --> HOLD																																																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">SAMPLE ID Location / Field Point</th> <th colspan="2">Sampling</th> <th rowspan="2">#Containers</th> <th rowspan="2">Matrix</th> <th rowspan="2">Preservative</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>F-7-5.0</td><td>8/31/21</td><td>15:40</td><td>1</td><td>S</td><td></td></tr> <tr><td>F-6W-7</td><td>8/31/21</td><td>15:45</td><td>5</td><td>GW</td><td>✓</td></tr> <tr><td>F-8-5.0</td><td>8/30/21</td><td>9:55</td><td>1</td><td>S</td><td></td></tr> <tr><td>F-8-7.0</td><td>8/30/21</td><td>10:45</td><td>1</td><td>S</td><td></td></tr> <tr><td>F-6W-8</td><td>8/30/21</td><td>10:40</td><td>5</td><td>GW</td><td>✓</td></tr> <tr><td>F-9-5.0</td><td>8/31/21</td><td>8:30</td><td>1</td><td>S</td><td></td></tr> <tr><td>F-6W-9</td><td>8/31/21</td><td>9:15</td><td>5</td><td>GW</td><td>✓</td></tr> <tr><td>F-10-5.0</td><td>8/31/21</td><td>11:50</td><td>1</td><td>S</td><td></td></tr> <tr><td>F-6W-10</td><td>8/31/21</td><td>12:10</td><td>5</td><td>GW</td><td>✓</td></tr> <tr><td>F-11-5.0</td><td>8/30/21</td><td>13:30</td><td>1</td><td>S</td><td></td></tr> </tbody> </table>						SAMPLE ID Location / Field Point	Sampling		#Containers	Matrix	Preservative	Date	Time	F-7-5.0	8/31/21	15:40	1	S		F-6W-7	8/31/21	15:45	5	GW	✓	F-8-5.0	8/30/21	9:55	1	S		F-8-7.0	8/30/21	10:45	1	S		F-6W-8	8/30/21	10:40	5	GW	✓	F-9-5.0	8/31/21	8:30	1	S		F-6W-9	8/31/21	9:15	5	GW	✓	F-10-5.0	8/31/21	11:50	1	S		F-6W-10	8/31/21	12:10	5	GW	✓	F-11-5.0	8/30/21	13:30	1	S													
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MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8. Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.						Comments / Instructions H = Hold																	
Relinquished By / Company Name			Date									Time			Received By / Company Name			Date			Time		
 <u>[Signature]</u>			9/1/21									10:21			 <u>[Signature]</u>			9/1/21			10:21		
			9/1/21			16:16			9/1/21			16:16											

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=ZnOAc/NaOH 7=None

Temp _____ °C Initials _____

[illegible]



Sample Receipt Checklist

Client Name: **Farallon Consulting**
Project: **1353-062; 1571,1581,1593 Industrial Pkwy**
WorkOrder No: **2109103** Matrix: Soil/Water
Carrier: Benjamin Yslas (MAI Courier)

Date and Time Received: **9/1/2021 16:10**
Date Logged: **9/2/2021**
Received by: **Cassandra Gallegos**
Logged by: **Cassandra Gallegos**

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 2.6°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes ☐	No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes ☐	No ☐	NA ☒

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2109916

Report Created for: Farallon Consulting

330 Franklin Street, Ste. 200
Oakland, CA 94607

Project Contact: Scott Allin

Project P.O.:

Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

Project Received: 09/17/2021

Analytical Report reviewed & approved for release on 09/21/2021 by:

Jennifer Lagerbom
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.





Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy
WorkOrder: 2109916

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy
WorkOrder: 2109916

Analytical Qualifiers

a2 Sample diluted due to cluttered chromatogram.

Quality Control Qualifiers

F2 LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.



Case Narrative

Client: Farallon Consulting
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

Work Order: 2109916
September 21, 2021

TO-15 ANALYSIS

All summa canisters are EVACUATED 5 days after the reporting of the results. Please call or email if a longer retention time is required.



Summary of Sample Pressure Report

Lab ID	Canister ID	Lab Prep Vacuum (psia)	Field Initial Vacuum (inHg)	Field Final Vacuum (inHg)	Lab Received Vacuum (psia)	Lab Received Vacuum (inHg)	Lab Final Vacuum / Pressure (psia)
2109916-001A	Canister # 1958-2589	0.26	-28	-5	12.25	-4.99	24.57
2109916-002A	Canister # 3945-2415	0.26	-29	-5	12.5	-4.48	24.98
2109916-003A	Canister # 1970-2601	0.26	-30	-5	12.15	-5.19	24.41



Analytical Report

Client: Farallon Consulting
Date Received: 09/17/2021 17:25
Date Prepared: 09/21/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

TPH gas

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-16	2109916-001A	Soil Gas	09/17/2021 11:00	GC29 09202122.D	230080

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.25	24.57	JEM

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	4700	720	1	09/21/2021 00:47
Surrogates	REC (%)	Limits		
1,2-DCA-d4	93	70-130		09/21/2021 00:47

FSS-17	2109916-002A	Soil Gas	09/17/2021 11:31	GC29 09202124.D	230080
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.50	24.98	JEM

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	2900	4	09/21/2021 02:13
Surrogates	REC (%)	Limits		
1,2-DCA-d4	92	70-130		09/21/2021 02:13

Analytical Comments: a2

FSS-18	2109916-003A	Soil Gas	09/17/2021 12:21	GC29 09202126.D	230080
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.15	24.41	JEM

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	3000	2900	4	09/21/2021 03:36
Surrogates	REC (%)	Limits		
1,2-DCA-d4	93	70-130		09/21/2021 03:36



Analytical Report

Client: Farallon Consulting
Date Received: 09/17/2021 17:25
Date Prepared: 09/21/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Leak Check Compound

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-16	2109916-001A	Soil Gas	09/17/2021 11:00	GC29 09202122.D	230080

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.25	24.57	JEM

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	ND	28	1	09/21/2021 00:47
Surrogates	REC (%)	Limits		
1,2-DCA-d4	96	70-130		09/21/2021 00:47

FSS-17	2109916-002A	Soil Gas	09/17/2021 11:31	GC29 09202124.D	230080
--------	--------------	----------	------------------	-----------------	--------

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.50	24.98	JEM

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	ND	110	4	09/21/2021 02:13
Surrogates	REC (%)	Limits		
1,2-DCA-d4	96	70-130		09/21/2021 02:13

FSS-18	2109916-003A	Soil Gas	09/17/2021 12:21	GC29 09202126.D	230080
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.15	24.41	JEM

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	ND	110	4	09/21/2021 03:36
Surrogates	REC (%)	Limits		
1,2-DCA-d4	98	70-130		09/21/2021 03:36



Analytical Report

Client: Farallon Consulting
Date Received: 09/17/2021 17:25
Date Prepared: 09/21/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-16	2109916-001A	Soil Gas	09/17/2021 11:00	GC29 09202122.D	230080

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.25	24.57	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	140	60	1	09/21/2021 00:47
Acrolein	ND	5.8	1	09/21/2021 00:47
Acrylonitrile	4.6	1.1	1	09/21/2021 00:47
tert-Amyl methyl ether (TAME)	ND	2.1	1	09/21/2021 00:47
Benzene	2.0	1.6	1	09/21/2021 00:47
Benzyl chloride	ND	2.7	1	09/21/2021 00:47
Bromodichloromethane	ND	1.4	1	09/21/2021 00:47
Bromoform	ND	5.3	1	09/21/2021 00:47
Bromomethane	ND	1.9	1	09/21/2021 00:47
1,3-Butadiene	ND	1.1	1	09/21/2021 00:47
2-Butanone (MEK)	ND	15	1	09/21/2021 00:47
t-Butyl alcohol (TBA)	ND	16	1	09/21/2021 00:47
Carbon Disulfide	ND	1.6	1	09/21/2021 00:47
Carbon Tetrachloride	ND	1.3	1	09/21/2021 00:47
Chlorobenzene	ND	2.4	1	09/21/2021 00:47
Chloroethane	ND	1.3	1	09/21/2021 00:47
Chloroform	50	2.5	1	09/21/2021 00:47
Chloromethane	ND	1.0	1	09/21/2021 00:47
Cyclohexane	ND	18	1	09/21/2021 00:47
Dibromochloromethane	ND	4.4	1	09/21/2021 00:47
1,2-Dibromo-3-chloropropane	ND	0.12	1	09/21/2021 00:47
1,2-Dibromoethane (EDB)	ND	0.078	1	09/21/2021 00:47
1,2-Dichlorobenzene	ND	3.0	1	09/21/2021 00:47
1,3-Dichlorobenzene	ND	3.0	1	09/21/2021 00:47
1,4-Dichlorobenzene	ND	3.0	1	09/21/2021 00:47
Dichlorodifluoromethane	ND	2.5	1	09/21/2021 00:47
1,1-Dichloroethane	ND	2.0	1	09/21/2021 00:47
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	09/21/2021 00:47
1,1-Dichloroethene	ND	2.0	1	09/21/2021 00:47
cis-1,2-Dichloroethene	ND	2.0	1	09/21/2021 00:47
trans-1,2-Dichloroethene	ND	2.0	1	09/21/2021 00:47
1,2-Dichloropropane	ND	2.4	1	09/21/2021 00:47
cis-1,3-Dichloropropene	ND	2.3	1	09/21/2021 00:47
trans-1,3-Dichloropropene	ND	2.3	1	09/21/2021 00:47

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/17/2021 17:25
Date Prepared: 09/21/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-16	2109916-001A	Soil Gas	09/17/2021 11:00	GC29 09202122.D	230080

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.25	24.57	JEM

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	09/21/2021 00:47
Diisopropyl ether (DIPE)	ND	2.1	1	09/21/2021 00:47
1,4-Dioxane	ND	1.9	1	09/21/2021 00:47
Ethanol	170	95	1	09/21/2021 00:47
Ethyl acetate	4.0	1.9	1	09/21/2021 00:47
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	09/21/2021 00:47
Ethylbenzene	ND	2.2	1	09/21/2021 00:47
4-Ethyltoluene	ND	2.5	1	09/21/2021 00:47
Freon 113	ND	3.9	1	09/21/2021 00:47
Heptane	ND	21	1	09/21/2021 00:47
Hexachlorobutadiene	ND	2.2	1	09/21/2021 00:47
Hexachloroethane	ND	4.9	1	09/21/2021 00:47
Hexane	ND	18	1	09/21/2021 00:47
2-Hexanone	ND	2.1	1	09/21/2021 00:47
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	09/21/2021 00:47
Methyl-t-butyl ether (MTBE)	ND	1.9	1	09/21/2021 00:47
Methylene chloride	ND	8.8	1	09/21/2021 00:47
Methyl methacrylate	ND	2.1	1	09/21/2021 00:47
Naphthalene	ND	2.7	1	09/21/2021 00:47
Styrene	ND	2.2	1	09/21/2021 00:47
1,1,1,2-Tetrachloroethane	ND	3.5	1	09/21/2021 00:47
1,1,2,2-Tetrachloroethane	ND	0.70	1	09/21/2021 00:47
Tetrachloroethene	ND	3.5	1	09/21/2021 00:47
Tetrahydrofuran	ND	3.0	1	09/21/2021 00:47
Toluene	2.3	1.9	1	09/21/2021 00:47
1,2,4-Trichlorobenzene	ND	3.8	1	09/21/2021 00:47
1,1,1-Trichloroethane	ND	2.8	1	09/21/2021 00:47
1,1,2-Trichloroethane	ND	2.8	1	09/21/2021 00:47
Trichloroethene	ND	2.8	1	09/21/2021 00:47
1,2,3-Trichloropropane	ND	3.1	1	09/21/2021 00:47
Trichlorofluoromethane	ND	2.9	1	09/21/2021 00:47
1,2,4-Trimethylbenzene	ND	2.5	1	09/21/2021 00:47
1,3,5-Trimethylbenzene	ND	2.5	1	09/21/2021 00:47
Vinyl Acetate	ND	18	1	09/21/2021 00:47

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/17/2021 17:25
Date Prepared: 09/21/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-16	2109916-001A	Soil Gas	09/17/2021 11:00	GC29 09202122.D	230080

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.25	24.57	JEM

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	09/21/2021 00:47
m,p-Xylene	ND	4.4	1	09/21/2021 00:47
o-Xylene	ND	2.2	1	09/21/2021 00:47
Xylenes, Total	ND	2.2	1	09/21/2021 00:47
Surrogates	REC (%)	Limits		
1,2-DCA-d4	96	70-130		09/21/2021 00:47
Toluene-d8	90	70-130		09/21/2021 00:47
4-BFB	90	70-130		09/21/2021 00:47



Analytical Report

Client: Farallon Consulting
Date Received: 09/17/2021 17:25
Date Prepared: 09/21/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-17	2109916-002A	Soil Gas	09/17/2021 11:31	GC29 09202124.D	230080

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.50	24.98	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	810	240	4	09/21/2021 02:13
Acrolein	ND	23	4	09/21/2021 02:13
Acrylonitrile	ND	4.4	4	09/21/2021 02:13
tert-Amyl methyl ether (TAME)	ND	8.4	4	09/21/2021 02:13
Benzene	ND	6.4	4	09/21/2021 02:13
Benzyl chloride	ND	11	4	09/21/2021 02:13
Bromodichloromethane	ND	5.6	4	09/21/2021 02:13
Bromoform	ND	21	4	09/21/2021 02:13
Bromomethane	ND	7.6	4	09/21/2021 02:13
1,3-Butadiene	ND	4.4	4	09/21/2021 02:13
2-Butanone (MEK)	72	60	4	09/21/2021 02:13
t-Butyl alcohol (TBA)	180	64	4	09/21/2021 02:13
Carbon Disulfide	ND	6.4	4	09/21/2021 02:13
Carbon Tetrachloride	ND	5.2	4	09/21/2021 02:13
Chlorobenzene	ND	9.6	4	09/21/2021 02:13
Chloroethane	ND	5.2	4	09/21/2021 02:13
Chloroform	ND	10	4	09/21/2021 02:13
Chloromethane	ND	4.0	4	09/21/2021 02:13
Cyclohexane	ND	72	4	09/21/2021 02:13
Dibromochloromethane	ND	18	4	09/21/2021 02:13
1,2-Dibromo-3-chloropropane	ND	0.48	4	09/21/2021 02:13
1,2-Dibromoethane (EDB)	ND	0.31	4	09/21/2021 02:13
1,2-Dichlorobenzene	ND	12	4	09/21/2021 02:13
1,3-Dichlorobenzene	ND	12	4	09/21/2021 02:13
1,4-Dichlorobenzene	ND	12	4	09/21/2021 02:13
Dichlorodifluoromethane	ND	10	4	09/21/2021 02:13
1,1-Dichloroethane	ND	8.0	4	09/21/2021 02:13
1,2-Dichloroethane (1,2-DCA)	ND	8.0	4	09/21/2021 02:13
1,1-Dichloroethene	ND	8.0	4	09/21/2021 02:13
cis-1,2-Dichloroethene	ND	8.0	4	09/21/2021 02:13
trans-1,2-Dichloroethene	ND	8.0	4	09/21/2021 02:13
1,2-Dichloropropane	ND	9.6	4	09/21/2021 02:13
cis-1,3-Dichloropropene	ND	9.2	4	09/21/2021 02:13
trans-1,3-Dichloropropene	ND	9.2	4	09/21/2021 02:13

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/17/2021 17:25
Date Prepared: 09/21/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-17	2109916-002A	Soil Gas	09/17/2021 11:31	GC29 09202124.D	230080

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.50	24.98	JEM

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	14	4	09/21/2021 02:13
Diisopropyl ether (DIPE)	ND	8.4	4	09/21/2021 02:13
1,4-Dioxane	ND	7.6	4	09/21/2021 02:13
Ethanol	ND	380	4	09/21/2021 02:13
Ethyl acetate	ND	7.6	4	09/21/2021 02:13
Ethyl tert-butyl ether (ETBE)	ND	8.4	4	09/21/2021 02:13
Ethylbenzene	ND	8.8	4	09/21/2021 02:13
4-Ethyltoluene	ND	10	4	09/21/2021 02:13
Freon 113	ND	16	4	09/21/2021 02:13
Heptane	ND	84	4	09/21/2021 02:13
Hexachlorobutadiene	ND	8.8	4	09/21/2021 02:13
Hexachloroethane	ND	20	4	09/21/2021 02:13
Hexane	ND	72	4	09/21/2021 02:13
2-Hexanone	25	8.4	4	09/21/2021 02:13
4-Methyl-2-pentanone (MIBK)	22	8.4	4	09/21/2021 02:13
Methyl-t-butyl ether (MTBE)	ND	7.6	4	09/21/2021 02:13
Methylene chloride	ND	35	4	09/21/2021 02:13
Methyl methacrylate	ND	8.4	4	09/21/2021 02:13
Naphthalene	ND	11	4	09/21/2021 02:13
Styrene	ND	8.8	4	09/21/2021 02:13
1,1,1,2-Tetrachloroethane	ND	14	4	09/21/2021 02:13
1,1,2,2-Tetrachloroethane	ND	2.8	4	09/21/2021 02:13
Tetrachloroethene	760	14	4	09/21/2021 02:13
Tetrahydrofuran	ND	12	4	09/21/2021 02:13
Toluene	ND	7.6	4	09/21/2021 02:13
1,2,4-Trichlorobenzene	ND	15	4	09/21/2021 02:13
1,1,1-Trichloroethane	ND	11	4	09/21/2021 02:13
1,1,2-Trichloroethane	ND	11	4	09/21/2021 02:13
Trichloroethene	ND	11	4	09/21/2021 02:13
1,2,3-Trichloropropane	ND	12	4	09/21/2021 02:13
Trichlorofluoromethane	ND	12	4	09/21/2021 02:13
1,2,4-Trimethylbenzene	ND	10	4	09/21/2021 02:13
1,3,5-Trimethylbenzene	ND	10	4	09/21/2021 02:13
Vinyl Acetate	ND	72	4	09/21/2021 02:13

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Analytical Report

Client: Farallon Consulting
Date Received: 09/17/2021 17:25
Date Prepared: 09/21/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-17	2109916-002A	Soil Gas	09/17/2021 11:31	GC29 09202124.D	230080

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.50	24.98	JEM

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	1.0	4	09/21/2021 02:13
m,p-Xylene	ND	18	4	09/21/2021 02:13
o-Xylene	ND	8.8	4	09/21/2021 02:13
Xylenes, Total	ND	8.8	4	09/21/2021 02:13
Surrogates	REC (%)	Limits		
1,2-DCA-d4	96	70-130		09/21/2021 02:13
Toluene-d8	95	70-130		09/21/2021 02:13
4-BFB	94	70-130		09/21/2021 02:13



Analytical Report

Client: Farallon Consulting
Date Received: 09/17/2021 17:25
Date Prepared: 09/21/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-18	2109916-003A	Soil Gas	09/17/2021 12:21	GC29 09202126.D	230080

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.15	24.41	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	1200	240	4	09/21/2021 03:36
Acrolein	ND	23	4	09/21/2021 03:36
Acrylonitrile	ND	4.4	4	09/21/2021 03:36
tert-Amyl methyl ether (TAME)	ND	8.4	4	09/21/2021 03:36
Benzene	ND	6.4	4	09/21/2021 03:36
Benzyl chloride	ND	11	4	09/21/2021 03:36
Bromodichloromethane	ND	5.6	4	09/21/2021 03:36
Bromoform	ND	21	4	09/21/2021 03:36
Bromomethane	ND	7.6	4	09/21/2021 03:36
1,3-Butadiene	ND	4.4	4	09/21/2021 03:36
2-Butanone (MEK)	ND	60	4	09/21/2021 03:36
t-Butyl alcohol (TBA)	ND	64	4	09/21/2021 03:36
Carbon Disulfide	ND	6.4	4	09/21/2021 03:36
Carbon Tetrachloride	ND	5.2	4	09/21/2021 03:36
Chlorobenzene	ND	9.6	4	09/21/2021 03:36
Chloroethane	ND	5.2	4	09/21/2021 03:36
Chloroform	ND	10	4	09/21/2021 03:36
Chloromethane	ND	4.0	4	09/21/2021 03:36
Cyclohexane	ND	72	4	09/21/2021 03:36
Dibromochloromethane	ND	18	4	09/21/2021 03:36
1,2-Dibromo-3-chloropropane	ND	0.48	4	09/21/2021 03:36
1,2-Dibromoethane (EDB)	ND	0.31	4	09/21/2021 03:36
1,2-Dichlorobenzene	ND	12	4	09/21/2021 03:36
1,3-Dichlorobenzene	ND	12	4	09/21/2021 03:36
1,4-Dichlorobenzene	ND	12	4	09/21/2021 03:36
Dichlorodifluoromethane	ND	10	4	09/21/2021 03:36
1,1-Dichloroethane	ND	8.0	4	09/21/2021 03:36
1,2-Dichloroethane (1,2-DCA)	ND	8.0	4	09/21/2021 03:36
1,1-Dichloroethene	ND	8.0	4	09/21/2021 03:36
cis-1,2-Dichloroethene	ND	8.0	4	09/21/2021 03:36
trans-1,2-Dichloroethene	ND	8.0	4	09/21/2021 03:36
1,2-Dichloropropane	ND	9.6	4	09/21/2021 03:36
cis-1,3-Dichloropropene	ND	9.2	4	09/21/2021 03:36
trans-1,3-Dichloropropene	ND	9.2	4	09/21/2021 03:36

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Analytical Report

Client: Farallon Consulting
Date Received: 09/17/2021 17:25
Date Prepared: 09/21/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-18	2109916-003A	Soil Gas	09/17/2021 12:21	GC29 09202126.D	230080

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.15	24.41	JEM

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	14	4	09/21/2021 03:36
Diisopropyl ether (DIPE)	ND	8.4	4	09/21/2021 03:36
1,4-Dioxane	ND	7.6	4	09/21/2021 03:36
Ethanol	400	380	4	09/21/2021 03:36
Ethyl acetate	ND	7.6	4	09/21/2021 03:36
Ethyl tert-butyl ether (ETBE)	ND	8.4	4	09/21/2021 03:36
Ethylbenzene	ND	8.8	4	09/21/2021 03:36
4-Ethyltoluene	ND	10	4	09/21/2021 03:36
Freon 113	ND	16	4	09/21/2021 03:36
Heptane	ND	84	4	09/21/2021 03:36
Hexachlorobutadiene	ND	8.8	4	09/21/2021 03:36
Hexachloroethane	ND	20	4	09/21/2021 03:36
Hexane	ND	72	4	09/21/2021 03:36
2-Hexanone	ND	8.4	4	09/21/2021 03:36
4-Methyl-2-pentanone (MIBK)	ND	8.4	4	09/21/2021 03:36
Methyl-t-butyl ether (MTBE)	ND	7.6	4	09/21/2021 03:36
Methylene chloride	ND	35	4	09/21/2021 03:36
Methyl methacrylate	ND	8.4	4	09/21/2021 03:36
Naphthalene	ND	11	4	09/21/2021 03:36
Styrene	ND	8.8	4	09/21/2021 03:36
1,1,1,2-Tetrachloroethane	ND	14	4	09/21/2021 03:36
1,1,2,2-Tetrachloroethane	ND	2.8	4	09/21/2021 03:36
Tetrachloroethene	2200	14	4	09/21/2021 03:36
Tetrahydrofuran	ND	12	4	09/21/2021 03:36
Toluene	ND	7.6	4	09/21/2021 03:36
1,2,4-Trichlorobenzene	ND	15	4	09/21/2021 03:36
1,1,1-Trichloroethane	ND	11	4	09/21/2021 03:36
1,1,2-Trichloroethane	ND	11	4	09/21/2021 03:36
Trichloroethene	120	11	4	09/21/2021 03:36
1,2,3-Trichloropropane	ND	12	4	09/21/2021 03:36
Trichlorofluoromethane	ND	12	4	09/21/2021 03:36
1,2,4-Trimethylbenzene	ND	10	4	09/21/2021 03:36
1,3,5-Trimethylbenzene	ND	10	4	09/21/2021 03:36
Vinyl Acetate	ND	72	4	09/21/2021 03:36

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 09/17/2021 17:25
Date Prepared: 09/21/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSS-18	2109916-003A	Soil Gas	09/17/2021 12:21	GC29 09202126.D	230080

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.15	24.41	JEM

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	1.0	4	09/21/2021 03:36
m,p-Xylene	ND	18	4	09/21/2021 03:36
o-Xylene	ND	8.8	4	09/21/2021 03:36
Xylenes, Total	ND	8.8	4	09/21/2021 03:36
Surrogates	REC (%)	Limits		
1,2-DCA-d4	98	70-130		09/21/2021 03:36
Toluene-d8	95	70-130		09/21/2021 03:36
4-BFB	94	70-130		09/21/2021 03:36



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/20/2021
Date Analyzed: 09/20/2021
Instrument: GC29
Matrix: Soilgas
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
BatchID: 230080
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-230080

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g)	ND	720	720	-	-	-
Surrogate Recovery						
1,2-DCA-d4	949			1000	95	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(g)	9900	9860	9000	110	110	70-130	0.504	20
Surrogate Recovery								
1,2-DCA-d4	972	982	1000	97	98	60-140	1.09	30



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109916
Date Prepared:	09/20/2021	BatchID:	230080
Date Analyzed:	09/20/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571, 1581, 1593 Industrial Pkwy	Sample ID:	MB/LCS/LCSD-230080

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	4.30	60.0	-	-	-
Acrolein	ND	1.10	5.80	-	-	-
Acrylonitrile	ND	0.660	1.10	-	-	-
tert-Amyl methyl ether (TAME)	ND	1.30	2.10	-	-	-
Benzene	ND	0.790	1.60	-	-	-
Benzyl chloride	ND	1.70	2.70	-	-	-
Bromodichloromethane	ND	0.130	1.40	-	-	-
Bromoform	ND	1.10	5.30	-	-	-
Bromomethane	ND	0.410	1.90	-	-	-
1,3-Butadiene	ND	0.980	1.10	-	-	-
2-Butanone (MEK)	ND	2.00	15.0	-	-	-
t-Butyl alcohol (TBA)	ND	1.90	16.0	-	-	-
Carbon Disulfide	ND	1.10	1.60	-	-	-
Carbon Tetrachloride	ND	0.190	1.30	-	-	-
Chlorobenzene	ND	0.590	2.40	-	-	-
Chloroethane	ND	0.350	1.30	-	-	-
Chloroform	ND	0.580	2.50	-	-	-
Chloromethane	ND	0.520	1.00	-	-	-
Cyclohexane	ND	1.60	18.0	-	-	-
Dibromochloromethane	ND	1.10	4.40	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0740	0.120	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0250	0.0780	-	-	-
1,2-Dichlorobenzene	ND	0.950	3.00	-	-	-
1,3-Dichlorobenzene	ND	0.940	3.00	-	-	-
1,4-Dichlorobenzene	ND	0.970	3.00	-	-	-
Dichlorodifluoromethane	ND	0.560	2.50	-	-	-
1,1-Dichloroethane	ND	0.500	2.00	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.580	2.00	-	-	-
1,1-Dichloroethene	ND	0.400	2.00	-	-	-
cis-1,2-Dichloroethene	ND	0.430	2.00	-	-	-
trans-1,2-Dichloroethene	ND	0.450	2.00	-	-	-
1,2-Dichloropropane	ND	0.590	2.40	-	-	-
cis-1,3-Dichloropropene	ND	0.710	2.30	-	-	-
trans-1,3-Dichloropropene	ND	0.860	2.30	-	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.80	3.60	-	-	-
Diisopropyl ether (DIPE)	ND	0.550	2.10	-	-	-
1,4-Dioxane	ND	0.710	1.90	-	-	-
Ethanol	ND	3.80	95.0	-	-	-

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109916
Date Prepared:	09/20/2021	BatchID:	230080
Date Analyzed:	09/20/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571, 1581, 1593 Industrial Pkwy	Sample ID:	MB/LCS/LCSD-230080

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Ethyl acetate	ND	0.630	1.90	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.680	2.10	-	-	-
Ethylbenzene	ND	0.510	2.20	-	-	-
4-Ethyltoluene	ND	0.610	2.50	-	-	-
Freon 113	ND	1.00	3.90	-	-	-
Heptane	ND	2.40	21.0	-	-	-
Hexachlorobutadiene	ND	0.380	2.20	-	-	-
Hexachloroethane	ND	2.70	4.90	-	-	-
Hexane	ND	2.20	18.0	-	-	-
2-Hexanone	ND	1.60	2.10	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.940	2.10	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.430	1.90	-	-	-
Methylene chloride	ND	0.820	8.80	-	-	-
Methyl methacrylate	ND	0.650	2.10	-	-	-
Naphthalene	ND	1.90	2.70	-	-	-
Styrene	ND	0.620	2.20	-	-	-
1,1,1,2-Tetrachloroethane	ND	1.20	3.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.100	0.700	-	-	-
Tetrachloroethene	ND	1.10	3.50	-	-	-
Tetrahydrofuran	ND	0.820	3.00	-	-	-
Toluene	ND	0.890	1.90	-	-	-
1,2,4-Trichlorobenzene	ND	2.70	3.80	-	-	-
1,1,1-Trichloroethane	ND	0.710	2.80	-	-	-
1,1,2-Trichloroethane	ND	0.850	2.80	-	-	-
Trichloroethene	ND	0.690	2.80	-	-	-
1,2,3-Trichloropropane	ND	0.890	3.10	-	-	-
Trichlorofluoromethane	ND	0.780	2.90	-	-	-
1,2,4-Trimethylbenzene	ND	1.20	2.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.730	2.50	-	-	-
Vinyl Acetate	ND	1.10	18.0	-	-	-
Vinyl Chloride	ND	0.140	0.260	-	-	-
m,p-Xylene	ND	1.10	4.40	-	-	-
o-Xylene	ND	0.390	2.20	-	-	-

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109916
Date Prepared:	09/20/2021	BatchID:	230080
Date Analyzed:	09/20/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571, 1581, 1593 Industrial Pkwy	Sample ID:	MB/LCS/LCSD-230080

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
1,2-DCA-d4	988			1000	99	70-130
Toluene-d8	955			1000	96	70-130
4-BFB	909			1000	91	70-130



Quality Control Report

Client: Farallon Consulting
Date Prepared: 09/20/2021
Date Analyzed: 09/20/2021
Instrument: GC29
Matrix: SoilGas
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

WorkOrder: 2109916
BatchID: 230080
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-230080

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	12.4	11.9	12	103	99	60-140	3.54	25
Acrolein	11.7	10.8	11.6	101	93	60-140	7.49	25
Acrylonitrile	10.2	10.8	11	93	99	60-140	6.16	25
tert-Amyl methyl ether (TAME)	17.8	17.2	21	85	82	60-140	3.36	25
Benzene	15.9	14.6	16	99	91	60-140	8.64	25
Benzyl chloride	16.7	17.0	26.6	63	64	60-140	2.03	25
Bromodichloromethane	30.0	29.2	35	86	84	60-140	2.65	25
Bromoform	42.2	41.9	52.6	80	80	60-140	0.775	25
Bromomethane	16.8	16.3	19.6	86	83	60-140	2.93	25
1,3-Butadiene	12.3	12.8	11	112	117	60-140	4.15	25
2-Butanone (MEK)	13.2	13.0	15	88	87	60-140	0.854	25
t-Butyl alcohol (TBA)	14.9	14.8	15.6	96	95	60-140	0.790	25
Carbon Disulfide	15.4	14.6	16	96	91	60-140	5.27	25
Carbon Tetrachloride	28.3	27.6	32	89	86	60-140	2.52	25
Chlorobenzene	21.8	20.4	23.6	92	86	60-140	6.38	25
Chloroethane	13.3	12.8	13.6	97	94	60-140	3.66	25
Chloroform	21.8	21.1	24.6	89	86	60-140	3.32	25
Chloromethane	9.10	8.49	10.6	86	80	60-140	6.90	25
Cyclohexane	18.0	17.0	17.6	102	96	60-140	5.65	25
Dibromochloromethane	36.7	36.0	43.6	84	83	60-140	2.01	25
1,2-Dibromo-3-chloropropane	58.7	57.9	49	120	118	60-140	1.33	25
1,2-Dibromoethane (EDB)	37.7	36.6	39	97	94	60-140	2.76	25
1,2-Dichlorobenzene	30.9	30.1	30.6	101	98	60-140	2.55	25
1,3-Dichlorobenzene	27.5	26.5	30.6	90	87	60-140	3.60	25
1,4-Dichlorobenzene	30.6	29.6	30.6	100	97	60-140	3.40	25
Dichlorodifluoromethane	22.9	21.8	25	92	87	60-140	5.06	25
1,1-Dichloroethane	19.1	18.4	20.6	93	90	60-140	3.57	25
1,2-Dichloroethane (1,2-DCA)	19.6	18.8	20.6	95	92	60-140	4.01	25
1,1-Dichloroethene	22.6	19.3	20	113	96	60-140	15.9	25
cis-1,2-Dichloroethene	18.8	17.3	20	94	86	60-140	8.32	25
trans-1,2-Dichloroethene	18.5	17.5	20	92	87	60-140	5.63	25
1,2-Dichloropropane	22.8	22.0	23.6	97	93	60-140	3.50	25
cis-1,3-Dichloropropene	19.3	18.8	23	84	82	60-140	2.47	25
trans-1,3-Dichloropropene	18.1	18.0	23	79	78	60-140	0.555	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	32.9	30.6	35.6	92	86	60-140	7.18	25
Diisopropyl ether (DIPE)	21.0	20.1	21	100	96	60-140	4.73	25
1,4-Dioxane	14.4	14.0	18.6	77	75	60-140	2.90	25
Ethanol	12.3	13.9	9.6	128	145,F2	60-140	12.5	25

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109916
Date Prepared:	09/20/2021	BatchID:	230080
Date Analyzed:	09/20/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571, 1581, 1593 Industrial Pkwy	Sample ID:	MB/LCS/LCSD-230080

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ethyl acetate	18.6	18.5	18.6	100	99	60-140	0.613	25
Ethyl tert-butyl ether (ETBE)	19.4	18.9	21	92	90	60-140	2.54	25
Ethylbenzene	19.1	18.2	22	87	83	60-140	4.48	25
4-Ethyltoluene	22.8	21.8	25	91	87	60-140	4.42	25
Freon 113	37.0	35.1	39	95	90	60-140	5.47	25
Heptane	20.8	19.4	21	99	92	60-140	7.11	25
Hexachlorobutadiene	69.4	67.7	54	129	125	60-140	2.57	25
Hexachloroethane	32.7	32.1	49.2	66	65	60-140	1.73	25
Hexane	18.4	17.8	18	102	99	60-140	3.46	25
2-Hexanone	19.3	19.2	21	92	92	60-140	0.220	25
4-Methyl-2-pentanone (MIBK)	18.6	17.9	21	89	85	60-140	3.92	25
Methyl-t-butyl ether (MTBE)	15.9	15.5	18.6	86	84	60-140	2.56	25
Methylene chloride	15.5	14.7	17.6	88	83	60-140	5.51	25
Methyl methacrylate	16.7	16.3	20.8	80	78	60-140	2.70	25
Naphthalene	32.0	31.5	26.5	121	119	60-140	1.37	25
Styrene	19.2	18.5	21.6	89	86	60-140	3.63	25
1,1,1,2-Tetrachloroethane	32.6	31.8	35	93	91	60-140	2.62	25
1,1,2,2-Tetrachloroethane	29.0	28.3	35	83	81	60-140	2.57	25
Tetrachloroethene	38.1	34.2	34.4	111	99	60-140	10.8	25
Tetrahydrofuran	15.4	14.7	15	103	98	60-140	4.59	25
Toluene	16.1	15.2	19	85	80	60-140	6.04	25
1,2,4-Trichlorobenzene	49.0	47.1	37.6	130	125	60-140	3.93	25
1,1,1-Trichloroethane	23.6	23.1	27.6	86	84	60-140	1.96	25
1,1,2-Trichloroethane	26.4	25.3	27.6	96	92	60-140	4.22	25
Trichloroethene	29.1	25.7	27.6	105	93	60-140	12.4	25
1,2,3-Trichloropropane	28.3	26.6	30.64	92	87	60-140	6.09	25
Trichlorofluoromethane	29.4	28.0	28.6	103	98	60-140	4.56	25
1,2,4-Trimethylbenzene	21.4	20.8	25	86	83	60-140	3.29	25
1,3,5-Trimethylbenzene	21.5	20.5	25	86	82	60-140	4.85	25
Vinyl Acetate	16.0	16.4	18	89	91	60-140	2.37	25
Vinyl Chloride	14.6	13.0	13	112	100	60-140	11.3	25
m,p-Xylene	38.2	36.8	44	87	84	60-140	3.69	25
o-Xylene	19.8	19.2	22	90	87	60-140	3.22	25

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2109916
Date Prepared:	09/20/2021	BatchID:	230080
Date Analyzed:	09/20/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571, 1581, 1593 Industrial Pkwy	Sample ID:	MB/LCS/LCSD-230080

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
1,2-DCA-d4	1020	1020	1000	102	102	70-130	0.535	25
Toluene-d8	949	944	1000	95	94	70-130	0.510	25
4-BFB	937	936	1000	94	94	70-130	0.0646	25



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2109916

ClientCode: FCOKC

☐ WaterTrax☐ WriteOn☐ EDF☐ EQuIS☐ Dry-Weight☐ Email☐ HardCopy☐ ThirdParty☐ J-flag☐ Detection Summary☒ Excel [FormatA]

Report to:

Scott Allin
Farallon Consulting
330 Franklin Street, Ste. 200
Oakland, CA 94607
(510) 999-2142 FAX:

Email: sallin@farallonconsulting.com
cc/3rd Party:
PO:
Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

Bill to:

Accounts Payable
Farallon Consulting
975 5th Avenue Northwest
Issaquah, WA 98027
ap@farallonconsulting.com

Requested TAT: 2 days;

Date Received: 09/17/2021

Date Logged: 09/17/2021

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2109916-001	FSS-16	Soil Gas	9/17/2021 11:00	☐	A	A	A									
2109916-002	FSS-17	Soil Gas	9/17/2021 11:31	☐	A	A	A									
2109916-003	FSS-18	Soil Gas	9/17/2021 12:21	☐	A	A	A									

Test Legend:

1	TO15_Scan-SIM_SOIL(UG/M3)
5	
9	

2	TO15GAS_Scan-SIM_SOIL(UG/M3)
6	
10	

3	TO15-LC_SOIL(UG/M3)
7	
11	

4	
8	
12	

Project Manager: Rosa Venegas

Prepared by: Cassandra Gallegos

The following SampleIDs: 001A, 002A, 003A contain testgroup TO15+GAS_SG.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING

Client Contact: Scott Allin

Contact's Email: sallin@farallonconsulting.com

Project: 1353-062; 1571, 1581, 1593 Industrial Pkwy

Comments

Work Order: 2109916

QC Level: LEVEL 2

Date Logged: 9/17/2021

☐ WaterTrax ☐ WriteOn ☐ EDF ☒ Excel ☐ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
001A	FSS-16	Soil Gas	VOCs and TPHgas by TO15 for Soil Vapor	1	1L Summa	☐	☐	9/17/2021 11:00	2 days	9/21/2021		☐	
002A	FSS-17	Soil Gas	VOCs and TPHgas by TO15 for Soil Vapor	1	1L Summa	☐	☐	9/17/2021 11:31	2 days	9/21/2021		☐	
003A	FSS-18	Soil Gas	VOCs and TPHgas by TO15 for Soil Vapor	1	1L Summa	☐	☐	9/17/2021 12:21	2 days	9/21/2021		☐	

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

Page of



Sample Receipt Checklist

Client Name: **Farallon Consulting**
Project: **1353-062; 1571, 1581, 1593 Industrial Pkwy**
WorkOrder No: **2109916** Matrix: Soil Gas
Carrier: Benjamin Yslas (MAI Courier)

Date and Time Received: **9/17/2021 17:25**
Date Logged: **9/17/2021**
Received by: **Cassandra Gallegos**
Logged by: **Cassandra Gallegos**

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☐	No ☒	

Sample/Temp Blank temperature	Temp:		NA ☒
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐	No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO ₃ : <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes ☐	No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes ☐	No ☐	NA ☒

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2110783

Report Created for: Farallon Consulting

330 Franklin Street, Ste. 200
Oakland, CA 94607

Project Contact: Peter Sims

Project P.O.:

Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

Project Received: 10/14/2021

Analytical Report reviewed & approved for release on 10/19/2021 by:

Yen Cao
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.





Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.
WorkOrder: 2110783

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDS D	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.
WorkOrder: 2110783

Analytical Qualifiers

b1 Aqueous sample that contains greater than ~1 vol. % sediment.
e7 Oil range compounds are detected.

Quality Control Qualifiers

F1 MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.
F2 LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.
F3 The surrogate standard recovery and/or RPD is outside of acceptance limits.



Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/14/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
IDW-Soil-1	2110783-008A	Soil	10/13/2021 15:00		GC18 10182131.D	231652
Analytes	Result	RL	DE	Date Analyzed		
Acetone	ND	0.20	1	10/19/2021 02:27		
tert-Amyl methyl ether (TAME)	ND	0.0050	1	10/19/2021 02:27		
Benzene	ND	0.0050	1	10/19/2021 02:27		
Bromobenzene	ND	0.0050	1	10/19/2021 02:27		
Bromochloromethane	ND	0.0050	1	10/19/2021 02:27		
Bromodichloromethane	ND	0.0050	1	10/19/2021 02:27		
Bromoform	ND	0.0050	1	10/19/2021 02:27		
Bromomethane	ND	0.0050	1	10/19/2021 02:27		
2-Butanone (MEK)	ND	0.050	1	10/19/2021 02:27		
t-Butyl alcohol (TBA)	ND	0.050	1	10/19/2021 02:27		
n-Butyl benzene	ND	0.0050	1	10/19/2021 02:27		
sec-Butyl benzene	ND	0.0050	1	10/19/2021 02:27		
tert-Butyl benzene	ND	0.0050	1	10/19/2021 02:27		
Carbon Disulfide	ND	0.0050	1	10/19/2021 02:27		
Carbon Tetrachloride	ND	0.0050	1	10/19/2021 02:27		
Chlorobenzene	ND	0.0050	1	10/19/2021 02:27		
Chloroethane	ND	0.0050	1	10/19/2021 02:27		
Chloroform	ND	0.0050	1	10/19/2021 02:27		
Chloromethane	ND	0.0050	1	10/19/2021 02:27		
2-Chlorotoluene	ND	0.0050	1	10/19/2021 02:27		
4-Chlorotoluene	ND	0.0050	1	10/19/2021 02:27		
Dibromochloromethane	ND	0.0050	1	10/19/2021 02:27		
1,2-Dibromo-3-chloropropane	ND	0.00050	1	10/19/2021 02:27		
1,2-Dibromoethane (EDB)	ND	0.00025	1	10/19/2021 02:27		
Dibromomethane	ND	0.0050	1	10/19/2021 02:27		
1,2-Dichlorobenzene	ND	0.0050	1	10/19/2021 02:27		
1,3-Dichlorobenzene	ND	0.0050	1	10/19/2021 02:27		
1,4-Dichlorobenzene	ND	0.0050	1	10/19/2021 02:27		
Dichlorodifluoromethane	ND	0.0050	1	10/19/2021 02:27		
1,1-Dichloroethane	ND	0.0050	1	10/19/2021 02:27		
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	10/19/2021 02:27		
1,1-Dichloroethene	ND	0.0050	1	10/19/2021 02:27		
cis-1,2-Dichloroethene	ND	0.0050	1	10/19/2021 02:27		
trans-1,2-Dichloroethene	ND	0.0050	1	10/19/2021 02:27		
1,2-Dichloropropane	ND	0.0050	1	10/19/2021 02:27		
1,3-Dichloropropane	ND	0.0050	1	10/19/2021 02:27		
2,2-Dichloropropane	ND	0.0050	1	10/19/2021 02:27		

(Cont.)



Analytical Report

Client: Farallon Consulting

Date Received: 10/14/2021 17:15

Date Prepared: 10/14/2021

Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783

Extraction Method: SW5030B

Analytical Method: SW8260B

Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IDW-Soil-1	2110783-008A	Soil	10/13/2021 15:00	GC18 10182131.D	231652

Analytes	Result	RL	DE	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	10/19/2021 02:27
cis-1,3-Dichloropropene	ND	0.0050	1	10/19/2021 02:27
trans-1,3-Dichloropropene	ND	0.0050	1	10/19/2021 02:27
Diisopropyl ether (DIPE)	ND	0.0050	1	10/19/2021 02:27
Ethylbenzene	ND	0.0050	1	10/19/2021 02:27
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	10/19/2021 02:27
Freon 113	ND	0.0050	1	10/19/2021 02:27
Hexachlorobutadiene	ND	0.0050	1	10/19/2021 02:27
Hexachloroethane	ND	0.0050	1	10/19/2021 02:27
2-Hexanone	ND	0.0050	1	10/19/2021 02:27
Isopropylbenzene	ND	0.0050	1	10/19/2021 02:27
4-Isopropyl toluene	ND	0.0050	1	10/19/2021 02:27
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	10/19/2021 02:27
Methylene chloride	ND	0.020	1	10/19/2021 02:27
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	10/19/2021 02:27
Naphthalene	ND	0.0050	1	10/19/2021 02:27
n-Propyl benzene	ND	0.0050	1	10/19/2021 02:27
Styrene	ND	0.0050	1	10/19/2021 02:27
1,1,1,2-Tetrachloroethane	ND	0.0050	1	10/19/2021 02:27
1,1,2,2-Tetrachloroethane	ND	0.0050	1	10/19/2021 02:27
Tetrachloroethene	ND	0.0050	1	10/19/2021 02:27
Toluene	ND	0.0050	1	10/19/2021 02:27
1,2,3-Trichlorobenzene	ND	0.0050	1	10/19/2021 02:27
1,2,4-Trichlorobenzene	ND	0.0050	1	10/19/2021 02:27
1,1,1-Trichloroethane	ND	0.0050	1	10/19/2021 02:27
1,1,2-Trichloroethane	ND	0.0050	1	10/19/2021 02:27
Trichloroethene	ND	0.0050	1	10/19/2021 02:27
Trichlorofluoromethane	ND	0.0050	1	10/19/2021 02:27
1,2,3-Trichloropropane	ND	0.00025	1	10/19/2021 02:27
1,2,4-Trimethylbenzene	ND	0.0050	1	10/19/2021 02:27
1,3,5-Trimethylbenzene	ND	0.0050	1	10/19/2021 02:27
Vinyl Chloride	ND	0.00025	1	10/19/2021 02:27
m,p-Xylene	ND	0.0050	1	10/19/2021 02:27
o-Xylene	ND	0.0050	1	10/19/2021 02:27
Xylenes, Total	ND	0.0050	1	10/19/2021 02:27

(Cont.)



Analytical Report

Client: Farallon Consulting

Date Received: 10/14/2021 17:15

Date Prepared: 10/14/2021

Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783

Extraction Method: SW5030B

Analytical Method: SW8260B

Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IDW-Soil-1	2110783-008A	Soil	10/13/2021 15:00	GC18 10182131.D	231652

Analytes	Result	RL	DE	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	80	70-140		10/19/2021 02:27
Toluene-d8	88	70-140		10/19/2021 02:27
4-BFB	92	70-140		10/19/2021 02:27
Benzene-d6	80	50-140		10/19/2021 02:27
Ethylbenzene-d10	96	50-140		10/19/2021 02:27
1,2-DCB-d4	64	40-140		10/19/2021 02:27

Analyst(s): KF



Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-19	2110783-001A	Water	10/13/2021 10:45		GC38 10182111.D	231811
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	40	1	10/18/2021 13:41		
tert-Amyl methyl ether (TAME)	ND	0.50	1	10/18/2021 13:41		
Benzene	ND	0.20	1	10/18/2021 13:41		
Bromobenzene	ND	0.50	1	10/18/2021 13:41		
Bromochloromethane	ND	0.50	1	10/18/2021 13:41		
Bromodichloromethane	ND	0.050	1	10/18/2021 13:41		
Bromoform	ND	0.50	1	10/18/2021 13:41		
Bromomethane	ND	0.50	1	10/18/2021 13:41		
2-Butanone (MEK)	ND	5.0	1	10/18/2021 13:41		
t-Butyl alcohol (TBA)	ND	5.0	1	10/18/2021 13:41		
n-Butyl benzene	ND	0.50	1	10/18/2021 13:41		
sec-Butyl benzene	ND	0.50	1	10/18/2021 13:41		
tert-Butyl benzene	ND	0.50	1	10/18/2021 13:41		
Carbon Disulfide	ND	0.50	1	10/18/2021 13:41		
Carbon Tetrachloride	ND	0.050	1	10/18/2021 13:41		
Chlorobenzene	ND	0.50	1	10/18/2021 13:41		
Chloroethane	ND	0.50	1	10/18/2021 13:41		
Chloroform	ND	0.10	1	10/18/2021 13:41		
Chloromethane	ND	0.50	1	10/18/2021 13:41		
2-Chlorotoluene	ND	0.50	1	10/18/2021 13:41		
4-Chlorotoluene	ND	0.50	1	10/18/2021 13:41		
Dibromochloromethane	ND	0.15	1	10/18/2021 13:41		
1,2-Dibromo-3-chloropropane	ND	0.020	1	10/18/2021 13:41		
1,2-Dibromoethane (EDB)	ND	0.040	1	10/18/2021 13:41		
Dibromomethane	ND	0.50	1	10/18/2021 13:41		
1,2-Dichlorobenzene	ND	0.50	1	10/18/2021 13:41		
1,3-Dichlorobenzene	ND	0.50	1	10/18/2021 13:41		
1,4-Dichlorobenzene	ND	0.50	1	10/18/2021 13:41		
Dichlorodifluoromethane	ND	0.50	1	10/18/2021 13:41		
1,1-Dichloroethane	ND	0.50	1	10/18/2021 13:41		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	10/18/2021 13:41		
1,1-Dichloroethene	ND	0.010	1	10/18/2021 13:41		
cis-1,2-Dichloroethene	ND	0.50	1	10/18/2021 13:41		
trans-1,2-Dichloroethene	ND	0.50	1	10/18/2021 13:41		
1,2-Dichloropropane	ND	0.20	1	10/18/2021 13:41		
1,3-Dichloropropane	ND	0.50	1	10/18/2021 13:41		
2,2-Dichloropropane	ND	0.50	1	10/18/2021 13:41		

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-19	2110783-001A	Water	10/13/2021 10:45	GC38 10182111.D	231811

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	10/18/2021 13:41
cis-1,3-Dichloropropene	ND	0.50	1	10/18/2021 13:41
trans-1,3-Dichloropropene	ND	0.50	1	10/18/2021 13:41
Diisopropyl ether (DIPE)	ND	0.50	1	10/18/2021 13:41
Ethylbenzene	ND	0.50	1	10/18/2021 13:41
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	10/18/2021 13:41
Freon 113	ND	0.50	1	10/18/2021 13:41
Hexachlorobutadiene	ND	0.50	1	10/18/2021 13:41
Hexachloroethane	ND	0.20	1	10/18/2021 13:41
2-Hexanone	ND	0.50	1	10/18/2021 13:41
Isopropylbenzene	ND	0.50	1	10/18/2021 13:41
4-Isopropyl toluene	ND	0.50	1	10/18/2021 13:41
Methyl-t-butyl ether (MTBE)	ND	0.50	1	10/18/2021 13:41
Methylene chloride	ND	2.0	1	10/18/2021 13:41
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	10/18/2021 13:41
Naphthalene	ND	0.30	1	10/18/2021 13:41
n-Propyl benzene	ND	0.50	1	10/18/2021 13:41
Styrene	ND	2.0	1	10/18/2021 13:41
1,1,1,2-Tetrachloroethane	ND	0.50	1	10/18/2021 13:41
1,1,2,2-Tetrachloroethane	ND	0.020	1	10/18/2021 13:41
Tetrachloroethene	ND	0.20	1	10/18/2021 13:41
Toluene	ND	0.50	1	10/18/2021 13:41
1,2,3-Trichlorobenzene	ND	0.50	1	10/18/2021 13:41
1,2,4-Trichlorobenzene	ND	0.50	1	10/18/2021 13:41
1,1,1-Trichloroethane	ND	0.50	1	10/18/2021 13:41
1,1,2-Trichloroethane	ND	0.20	1	10/18/2021 13:41
Trichloroethene	ND	0.50	1	10/18/2021 13:41
Trichlorofluoromethane	ND	0.50	1	10/18/2021 13:41
1,2,3-Trichloropropane	ND	0.0050	1	10/18/2021 13:41
1,2,4-Trimethylbenzene	ND	0.50	1	10/18/2021 13:41
1,3,5-Trimethylbenzene	ND	0.50	1	10/18/2021 13:41
Vinyl Chloride	ND	0.0050	1	10/18/2021 13:41
m,p-Xylene	ND	0.50	1	10/18/2021 13:41
o-Xylene	ND	0.50	1	10/18/2021 13:41
Xylenes, Total	ND	0.50	1	10/18/2021 13:41

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-19	2110783-001A	Water	10/13/2021 10:45	GC38 10182111.D	231811

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	125	70-130		10/18/2021 13:41
Toluene-d8	130	70-130		10/18/2021 13:41
4-BFB	111	70-130		10/18/2021 13:41

Analyst(s): TW

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-21	2110783-002A	Water	10/12/2021 10:45		GC38 10182112.D	231811
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	40	1	10/18/2021 14:19		
tert-Amyl methyl ether (TAME)	ND	0.50	1	10/18/2021 14:19		
Benzene	ND	0.20	1	10/18/2021 14:19		
Bromobenzene	ND	0.50	1	10/18/2021 14:19		
Bromochloromethane	ND	0.50	1	10/18/2021 14:19		
Bromodichloromethane	ND	0.050	1	10/18/2021 14:19		
Bromoform	ND	0.50	1	10/18/2021 14:19		
Bromomethane	0.98	0.50	1	10/18/2021 14:19		
2-Butanone (MEK)	ND	5.0	1	10/18/2021 14:19		
t-Butyl alcohol (TBA)	ND	5.0	1	10/18/2021 14:19		
n-Butyl benzene	ND	0.50	1	10/18/2021 14:19		
sec-Butyl benzene	ND	0.50	1	10/18/2021 14:19		
tert-Butyl benzene	ND	0.50	1	10/18/2021 14:19		
Carbon Disulfide	ND	0.50	1	10/18/2021 14:19		
Carbon Tetrachloride	ND	0.050	1	10/18/2021 14:19		
Chlorobenzene	ND	0.50	1	10/18/2021 14:19		
Chloroethane	ND	0.50	1	10/18/2021 14:19		
Chloroform	ND	0.10	1	10/18/2021 14:19		
Chloromethane	ND	0.50	1	10/18/2021 14:19		
2-Chlorotoluene	ND	0.50	1	10/18/2021 14:19		
4-Chlorotoluene	ND	0.50	1	10/18/2021 14:19		
Dibromochloromethane	ND	0.15	1	10/18/2021 14:19		
1,2-Dibromo-3-chloropropane	ND	0.020	1	10/18/2021 14:19		
1,2-Dibromoethane (EDB)	ND	0.040	1	10/18/2021 14:19		
Dibromomethane	ND	0.50	1	10/18/2021 14:19		
1,2-Dichlorobenzene	ND	0.50	1	10/18/2021 14:19		
1,3-Dichlorobenzene	ND	0.50	1	10/18/2021 14:19		
1,4-Dichlorobenzene	ND	0.50	1	10/18/2021 14:19		
Dichlorodifluoromethane	ND	0.50	1	10/18/2021 14:19		
1,1-Dichloroethane	ND	0.50	1	10/18/2021 14:19		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	10/18/2021 14:19		
1,1-Dichloroethene	ND	0.010	1	10/18/2021 14:19		
cis-1,2-Dichloroethene	ND	0.50	1	10/18/2021 14:19		
trans-1,2-Dichloroethene	ND	0.50	1	10/18/2021 14:19		
1,2-Dichloropropane	ND	0.20	1	10/18/2021 14:19		
1,3-Dichloropropane	ND	0.50	1	10/18/2021 14:19		
2,2-Dichloropropane	ND	0.50	1	10/18/2021 14:19		

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-21	2110783-002A	Water	10/12/2021 10:45		GC38 10182112.D	231811
Analytes	Result	RL	DF	Date Analyzed		
1,1-Dichloropropene	ND	0.50	1	10/18/2021 14:19		
cis-1,3-Dichloropropene	ND	0.50	1	10/18/2021 14:19		
trans-1,3-Dichloropropene	ND	0.50	1	10/18/2021 14:19		
Diisopropyl ether (DIPE)	ND	0.50	1	10/18/2021 14:19		
Ethylbenzene	ND	0.50	1	10/18/2021 14:19		
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	10/18/2021 14:19		
Freon 113	ND	0.50	1	10/18/2021 14:19		
Hexachlorobutadiene	ND	0.50	1	10/18/2021 14:19		
Hexachloroethane	ND	0.20	1	10/18/2021 14:19		
2-Hexanone	ND	0.50	1	10/18/2021 14:19		
Isopropylbenzene	ND	0.50	1	10/18/2021 14:19		
4-Isopropyl toluene	ND	0.50	1	10/18/2021 14:19		
Methyl-t-butyl ether (MTBE)	ND	0.50	1	10/18/2021 14:19		
Methylene chloride	ND	2.0	1	10/18/2021 14:19		
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	10/18/2021 14:19		
Naphthalene	ND	0.30	1	10/18/2021 14:19		
n-Propyl benzene	ND	0.50	1	10/18/2021 14:19		
Styrene	ND	2.0	1	10/18/2021 14:19		
1,1,1,2-Tetrachloroethane	ND	0.50	1	10/18/2021 14:19		
1,1,2,2-Tetrachloroethane	ND	0.020	1	10/18/2021 14:19		
Tetrachloroethene	ND	0.20	1	10/18/2021 14:19		
Toluene	ND	0.50	1	10/18/2021 14:19		
1,2,3-Trichlorobenzene	ND	0.50	1	10/18/2021 14:19		
1,2,4-Trichlorobenzene	ND	0.50	1	10/18/2021 14:19		
1,1,1-Trichloroethane	ND	0.50	1	10/18/2021 14:19		
1,1,2-Trichloroethane	ND	0.20	1	10/18/2021 14:19		
Trichloroethene	ND	0.50	1	10/18/2021 14:19		
Trichlorofluoromethane	ND	0.50	1	10/18/2021 14:19		
1,2,3-Trichloropropane	ND	0.0050	1	10/18/2021 14:19		
1,2,4-Trimethylbenzene	ND	0.50	1	10/18/2021 14:19		
1,3,5-Trimethylbenzene	ND	0.50	1	10/18/2021 14:19		
Vinyl Chloride	ND	0.0050	1	10/18/2021 14:19		
m,p-Xylene	ND	0.50	1	10/18/2021 14:19		
o-Xylene	ND	0.50	1	10/18/2021 14:19		
Xylenes, Total	ND	0.50	1	10/18/2021 14:19		

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-21	2110783-002A	Water	10/12/2021 10:45	GC38 10182112.D	231811

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	125	70-130		10/18/2021 14:19
Toluene-d8	130	70-130		10/18/2021 14:19
4-BFB	111	70-130		10/18/2021 14:19

Analyst(s): TW

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-22	2110783-003A	Water	10/13/2021 12:15		GC38 10182113.D	231811
Analytes	Result		RL	DF	Date Analyzed	
Acetone	ND		40	1	10/18/2021 14:57	
tert-Amyl methyl ether (TAME)	ND		0.50	1	10/18/2021 14:57	
Benzene	ND		0.20	1	10/18/2021 14:57	
Bromobenzene	ND		0.50	1	10/18/2021 14:57	
Bromochloromethane	ND		0.50	1	10/18/2021 14:57	
Bromodichloromethane	ND		0.050	1	10/18/2021 14:57	
Bromoform	ND		0.50	1	10/18/2021 14:57	
Bromomethane	0.97		0.50	1	10/18/2021 14:57	
2-Butanone (MEK)	ND		5.0	1	10/18/2021 14:57	
t-Butyl alcohol (TBA)	ND		5.0	1	10/18/2021 14:57	
n-Butyl benzene	ND		0.50	1	10/18/2021 14:57	
sec-Butyl benzene	ND		0.50	1	10/18/2021 14:57	
tert-Butyl benzene	ND		0.50	1	10/18/2021 14:57	
Carbon Disulfide	ND		0.50	1	10/18/2021 14:57	
Carbon Tetrachloride	ND		0.050	1	10/18/2021 14:57	
Chlorobenzene	ND		0.50	1	10/18/2021 14:57	
Chloroethane	ND		0.50	1	10/18/2021 14:57	
Chloroform	ND		0.10	1	10/18/2021 14:57	
Chloromethane	ND		0.50	1	10/18/2021 14:57	
2-Chlorotoluene	ND		0.50	1	10/18/2021 14:57	
4-Chlorotoluene	ND		0.50	1	10/18/2021 14:57	
Dibromochloromethane	ND		0.15	1	10/18/2021 14:57	
1,2-Dibromo-3-chloropropane	ND		0.020	1	10/18/2021 14:57	
1,2-Dibromoethane (EDB)	ND		0.040	1	10/18/2021 14:57	
Dibromomethane	ND		0.50	1	10/18/2021 14:57	
1,2-Dichlorobenzene	ND		0.50	1	10/18/2021 14:57	
1,3-Dichlorobenzene	ND		0.50	1	10/18/2021 14:57	
1,4-Dichlorobenzene	ND		0.50	1	10/18/2021 14:57	
Dichlorodifluoromethane	ND		0.50	1	10/18/2021 14:57	
1,1-Dichloroethane	ND		0.50	1	10/18/2021 14:57	
1,2-Dichloroethane (1,2-DCA)	ND		0.020	1	10/18/2021 14:57	
1,1-Dichloroethene	ND		0.010	1	10/18/2021 14:57	
cis-1,2-Dichloroethene	ND		0.50	1	10/18/2021 14:57	
trans-1,2-Dichloroethene	ND		0.50	1	10/18/2021 14:57	
1,2-Dichloropropane	ND		0.20	1	10/18/2021 14:57	
1,3-Dichloropropane	ND		0.50	1	10/18/2021 14:57	
2,2-Dichloropropane	ND		0.50	1	10/18/2021 14:57	

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-22	2110783-003A	Water	10/13/2021 12:15	GC38 10182113.D	231811

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	10/18/2021 14:57
cis-1,3-Dichloropropene	ND	0.50	1	10/18/2021 14:57
trans-1,3-Dichloropropene	ND	0.50	1	10/18/2021 14:57
Diisopropyl ether (DIPE)	ND	0.50	1	10/18/2021 14:57
Ethylbenzene	ND	0.50	1	10/18/2021 14:57
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	10/18/2021 14:57
Freon 113	ND	0.50	1	10/18/2021 14:57
Hexachlorobutadiene	ND	0.50	1	10/18/2021 14:57
Hexachloroethane	ND	0.20	1	10/18/2021 14:57
2-Hexanone	ND	0.50	1	10/18/2021 14:57
Isopropylbenzene	ND	0.50	1	10/18/2021 14:57
4-Isopropyl toluene	ND	0.50	1	10/18/2021 14:57
Methyl-t-butyl ether (MTBE)	ND	0.50	1	10/18/2021 14:57
Methylene chloride	ND	2.0	1	10/18/2021 14:57
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	10/18/2021 14:57
Naphthalene	ND	0.30	1	10/18/2021 14:57
n-Propyl benzene	ND	0.50	1	10/18/2021 14:57
Styrene	ND	2.0	1	10/18/2021 14:57
1,1,1,2-Tetrachloroethane	ND	0.50	1	10/18/2021 14:57
1,1,2,2-Tetrachloroethane	ND	0.020	1	10/18/2021 14:57
Tetrachloroethene	ND	0.20	1	10/18/2021 14:57
Toluene	ND	0.50	1	10/18/2021 14:57
1,2,3-Trichlorobenzene	ND	0.50	1	10/18/2021 14:57
1,2,4-Trichlorobenzene	ND	0.50	1	10/18/2021 14:57
1,1,1-Trichloroethane	ND	0.50	1	10/18/2021 14:57
1,1,2-Trichloroethane	ND	0.20	1	10/18/2021 14:57
Trichloroethene	ND	0.50	1	10/18/2021 14:57
Trichlorofluoromethane	ND	0.50	1	10/18/2021 14:57
1,2,3-Trichloropropane	ND	0.0050	1	10/18/2021 14:57
1,2,4-Trimethylbenzene	ND	0.50	1	10/18/2021 14:57
1,3,5-Trimethylbenzene	ND	0.50	1	10/18/2021 14:57
Vinyl Chloride	ND	0.0050	1	10/18/2021 14:57
m,p-Xylene	ND	0.50	1	10/18/2021 14:57
o-Xylene	ND	0.50	1	10/18/2021 14:57
Xylenes, Total	ND	0.50	1	10/18/2021 14:57

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-22	2110783-003A	Water	10/13/2021 12:15	GC38 10182113.D	231811

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	122	70-130		10/18/2021 14:57
Toluene-d8	129	70-130		10/18/2021 14:57
4-BFB	106	70-130		10/18/2021 14:57

Analyst(s): TW

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-23	2110783-004A	Water	10/13/2021 11:55		GC38 10182114.D	231811
Analytes	Result		RL	DF	Date Analyzed	
Acetone	ND		40	1	10/18/2021 15:35	
tert-Amyl methyl ether (TAME)	ND		0.50	1	10/18/2021 15:35	
Benzene	ND		0.20	1	10/18/2021 15:35	
Bromobenzene	ND		0.50	1	10/18/2021 15:35	
Bromochloromethane	ND		0.50	1	10/18/2021 15:35	
Bromodichloromethane	ND		0.050	1	10/18/2021 15:35	
Bromoform	ND		0.50	1	10/18/2021 15:35	
Bromomethane	1.1		0.50	1	10/18/2021 15:35	
2-Butanone (MEK)	ND		5.0	1	10/18/2021 15:35	
t-Butyl alcohol (TBA)	ND		5.0	1	10/18/2021 15:35	
n-Butyl benzene	ND		0.50	1	10/18/2021 15:35	
sec-Butyl benzene	ND		0.50	1	10/18/2021 15:35	
tert-Butyl benzene	ND		0.50	1	10/18/2021 15:35	
Carbon Disulfide	ND		0.50	1	10/18/2021 15:35	
Carbon Tetrachloride	ND		0.050	1	10/18/2021 15:35	
Chlorobenzene	ND		0.50	1	10/18/2021 15:35	
Chloroethane	ND		0.50	1	10/18/2021 15:35	
Chloroform	ND		0.10	1	10/18/2021 15:35	
Chloromethane	ND		0.50	1	10/18/2021 15:35	
2-Chlorotoluene	ND		0.50	1	10/18/2021 15:35	
4-Chlorotoluene	ND		0.50	1	10/18/2021 15:35	
Dibromochloromethane	ND		0.15	1	10/18/2021 15:35	
1,2-Dibromo-3-chloropropane	ND		0.020	1	10/18/2021 15:35	
1,2-Dibromoethane (EDB)	ND		0.040	1	10/18/2021 15:35	
Dibromomethane	ND		0.50	1	10/18/2021 15:35	
1,2-Dichlorobenzene	ND		0.50	1	10/18/2021 15:35	
1,3-Dichlorobenzene	ND		0.50	1	10/18/2021 15:35	
1,4-Dichlorobenzene	ND		0.50	1	10/18/2021 15:35	
Dichlorodifluoromethane	ND		0.50	1	10/18/2021 15:35	
1,1-Dichloroethane	ND		0.50	1	10/18/2021 15:35	
1,2-Dichloroethane (1,2-DCA)	ND		0.020	1	10/18/2021 15:35	
1,1-Dichloroethene	ND		0.010	1	10/18/2021 15:35	
cis-1,2-Dichloroethene	ND		0.50	1	10/18/2021 15:35	
trans-1,2-Dichloroethene	ND		0.50	1	10/18/2021 15:35	
1,2-Dichloropropane	ND		0.20	1	10/18/2021 15:35	
1,3-Dichloropropane	ND		0.50	1	10/18/2021 15:35	
2,2-Dichloropropane	ND		0.50	1	10/18/2021 15:35	

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-23	2110783-004A	Water	10/13/2021 11:55	GC38 10182114.D	231811

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	10/18/2021 15:35
cis-1,3-Dichloropropene	ND	0.50	1	10/18/2021 15:35
trans-1,3-Dichloropropene	ND	0.50	1	10/18/2021 15:35
Diisopropyl ether (DIPE)	ND	0.50	1	10/18/2021 15:35
Ethylbenzene	ND	0.50	1	10/18/2021 15:35
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	10/18/2021 15:35
Freon 113	ND	0.50	1	10/18/2021 15:35
Hexachlorobutadiene	ND	0.50	1	10/18/2021 15:35
Hexachloroethane	ND	0.20	1	10/18/2021 15:35
2-Hexanone	ND	0.50	1	10/18/2021 15:35
Isopropylbenzene	ND	0.50	1	10/18/2021 15:35
4-Isopropyl toluene	ND	0.50	1	10/18/2021 15:35
Methyl-t-butyl ether (MTBE)	ND	0.50	1	10/18/2021 15:35
Methylene chloride	ND	2.0	1	10/18/2021 15:35
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	10/18/2021 15:35
Naphthalene	ND	0.30	1	10/18/2021 15:35
n-Propyl benzene	ND	0.50	1	10/18/2021 15:35
Styrene	ND	2.0	1	10/18/2021 15:35
1,1,1,2-Tetrachloroethane	ND	0.50	1	10/18/2021 15:35
1,1,2,2-Tetrachloroethane	ND	0.020	1	10/18/2021 15:35
Tetrachloroethene	ND	0.20	1	10/18/2021 15:35
Toluene	ND	0.50	1	10/18/2021 15:35
1,2,3-Trichlorobenzene	ND	0.50	1	10/18/2021 15:35
1,2,4-Trichlorobenzene	ND	0.50	1	10/18/2021 15:35
1,1,1-Trichloroethane	ND	0.50	1	10/18/2021 15:35
1,1,2-Trichloroethane	ND	0.20	1	10/18/2021 15:35
Trichloroethene	ND	0.50	1	10/18/2021 15:35
Trichlorofluoromethane	ND	0.50	1	10/18/2021 15:35
1,2,3-Trichloropropane	ND	0.0050	1	10/18/2021 15:35
1,2,4-Trimethylbenzene	ND	0.50	1	10/18/2021 15:35
1,3,5-Trimethylbenzene	ND	0.50	1	10/18/2021 15:35
Vinyl Chloride	ND	0.0050	1	10/18/2021 15:35
m,p-Xylene	ND	0.50	1	10/18/2021 15:35
o-Xylene	ND	0.50	1	10/18/2021 15:35
Xylenes, Total	ND	0.50	1	10/18/2021 15:35

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-23	2110783-004A	Water	10/13/2021 11:55	GC38 10182114.D	231811

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	121	70-130		10/18/2021 15:35
Toluene-d8	129	70-130		10/18/2021 15:35
4-BFB	105	70-130		10/18/2021 15:35

Analyst(s): TW

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
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Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-24	2110783-005A	Water	10/12/2021 11:45		GC38 10182115.D	231811
Analytes	Result	RL	DF	Date Analyzed		
Acetone	ND	40	1	10/18/2021 16:13		
tert-Amyl methyl ether (TAME)	ND	0.50	1	10/18/2021 16:13		
Benzene	ND	0.20	1	10/18/2021 16:13		
Bromobenzene	ND	0.50	1	10/18/2021 16:13		
Bromochloromethane	ND	0.50	1	10/18/2021 16:13		
Bromodichloromethane	ND	0.050	1	10/18/2021 16:13		
Bromoform	ND	0.50	1	10/18/2021 16:13		
Bromomethane	ND	0.50	1	10/18/2021 16:13		
2-Butanone (MEK)	ND	5.0	1	10/18/2021 16:13		
t-Butyl alcohol (TBA)	ND	5.0	1	10/18/2021 16:13		
n-Butyl benzene	ND	0.50	1	10/18/2021 16:13		
sec-Butyl benzene	ND	0.50	1	10/18/2021 16:13		
tert-Butyl benzene	ND	0.50	1	10/18/2021 16:13		
Carbon Disulfide	ND	0.50	1	10/18/2021 16:13		
Carbon Tetrachloride	ND	0.050	1	10/18/2021 16:13		
Chlorobenzene	ND	0.50	1	10/18/2021 16:13		
Chloroethane	ND	0.50	1	10/18/2021 16:13		
Chloroform	ND	0.10	1	10/18/2021 16:13		
Chloromethane	ND	0.50	1	10/18/2021 16:13		
2-Chlorotoluene	ND	0.50	1	10/18/2021 16:13		
4-Chlorotoluene	ND	0.50	1	10/18/2021 16:13		
Dibromochloromethane	ND	0.15	1	10/18/2021 16:13		
1,2-Dibromo-3-chloropropane	ND	0.020	1	10/18/2021 16:13		
1,2-Dibromoethane (EDB)	ND	0.040	1	10/18/2021 16:13		
Dibromomethane	ND	0.50	1	10/18/2021 16:13		
1,2-Dichlorobenzene	ND	0.50	1	10/18/2021 16:13		
1,3-Dichlorobenzene	ND	0.50	1	10/18/2021 16:13		
1,4-Dichlorobenzene	ND	0.50	1	10/18/2021 16:13		
Dichlorodifluoromethane	ND	0.50	1	10/18/2021 16:13		
1,1-Dichloroethane	ND	0.50	1	10/18/2021 16:13		
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	10/18/2021 16:13		
1,1-Dichloroethene	ND	0.010	1	10/18/2021 16:13		
cis-1,2-Dichloroethene	ND	0.50	1	10/18/2021 16:13		
trans-1,2-Dichloroethene	ND	0.50	1	10/18/2021 16:13		
1,2-Dichloropropane	ND	0.20	1	10/18/2021 16:13		
1,3-Dichloropropane	ND	0.50	1	10/18/2021 16:13		
2,2-Dichloropropane	ND	0.50	1	10/18/2021 16:13		

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-24	2110783-005A	Water	10/12/2021 11:45	GC38 10182115.D	231811

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	10/18/2021 16:13
cis-1,3-Dichloropropene	ND	0.50	1	10/18/2021 16:13
trans-1,3-Dichloropropene	ND	0.50	1	10/18/2021 16:13
Diisopropyl ether (DIPE)	ND	0.50	1	10/18/2021 16:13
Ethylbenzene	ND	0.50	1	10/18/2021 16:13
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	10/18/2021 16:13
Freon 113	ND	0.50	1	10/18/2021 16:13
Hexachlorobutadiene	ND	0.50	1	10/18/2021 16:13
Hexachloroethane	ND	0.20	1	10/18/2021 16:13
2-Hexanone	ND	0.50	1	10/18/2021 16:13
Isopropylbenzene	ND	0.50	1	10/18/2021 16:13
4-Isopropyl toluene	ND	0.50	1	10/18/2021 16:13
Methyl-t-butyl ether (MTBE)	ND	0.50	1	10/18/2021 16:13
Methylene chloride	ND	2.0	1	10/18/2021 16:13
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	10/18/2021 16:13
Naphthalene	ND	0.30	1	10/18/2021 16:13
n-Propyl benzene	ND	0.50	1	10/18/2021 16:13
Styrene	ND	2.0	1	10/18/2021 16:13
1,1,1,2-Tetrachloroethane	ND	0.50	1	10/18/2021 16:13
1,1,2,2-Tetrachloroethane	ND	0.020	1	10/18/2021 16:13
Tetrachloroethene	ND	0.20	1	10/18/2021 16:13
Toluene	ND	0.50	1	10/18/2021 16:13
1,2,3-Trichlorobenzene	ND	0.50	1	10/18/2021 16:13
1,2,4-Trichlorobenzene	ND	0.50	1	10/18/2021 16:13
1,1,1-Trichloroethane	ND	0.50	1	10/18/2021 16:13
1,1,2-Trichloroethane	ND	0.20	1	10/18/2021 16:13
Trichloroethene	ND	0.50	1	10/18/2021 16:13
Trichlorofluoromethane	ND	0.50	1	10/18/2021 16:13
1,2,3-Trichloropropane	ND	0.0050	1	10/18/2021 16:13
1,2,4-Trimethylbenzene	ND	0.50	1	10/18/2021 16:13
1,3,5-Trimethylbenzene	ND	0.50	1	10/18/2021 16:13
Vinyl Chloride	ND	0.0050	1	10/18/2021 16:13
m,p-Xylene	ND	0.50	1	10/18/2021 16:13
o-Xylene	ND	0.50	1	10/18/2021 16:13
Xylenes, Total	ND	0.50	1	10/18/2021 16:13

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-24	2110783-005A	Water	10/12/2021 11:45	GC38 10182115.D	231811

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	117	70-130		10/18/2021 16:13
Toluene-d8	128	70-130		10/18/2021 16:13
4-BFB	105	70-130		10/18/2021 16:13

Analyst(s): ANL

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-25	2110783-006A	Water	10/12/2021 08:30		GC38 10182116.D	231811
Analytes	Result		RL	DF	Date Analyzed	
Acetone	ND		40	1	10/18/2021 16:55	
tert-Amyl methyl ether (TAME)	ND		0.50	1	10/18/2021 16:55	
Benzene	ND		0.20	1	10/18/2021 16:55	
Bromobenzene	ND		0.50	1	10/18/2021 16:55	
Bromochloromethane	ND		0.50	1	10/18/2021 16:55	
Bromodichloromethane	ND		0.050	1	10/18/2021 16:55	
Bromoform	ND		0.50	1	10/18/2021 16:55	
Bromomethane	1.2		0.50	1	10/18/2021 16:55	
2-Butanone (MEK)	ND		5.0	1	10/18/2021 16:55	
t-Butyl alcohol (TBA)	ND		5.0	1	10/18/2021 16:55	
n-Butyl benzene	ND		0.50	1	10/18/2021 16:55	
sec-Butyl benzene	ND		0.50	1	10/18/2021 16:55	
tert-Butyl benzene	ND		0.50	1	10/18/2021 16:55	
Carbon Disulfide	ND		0.50	1	10/18/2021 16:55	
Carbon Tetrachloride	ND		0.050	1	10/18/2021 16:55	
Chlorobenzene	ND		0.50	1	10/18/2021 16:55	
Chloroethane	ND		0.50	1	10/18/2021 16:55	
Chloroform	ND		0.10	1	10/18/2021 16:55	
Chloromethane	ND		0.50	1	10/18/2021 16:55	
2-Chlorotoluene	ND		0.50	1	10/18/2021 16:55	
4-Chlorotoluene	ND		0.50	1	10/18/2021 16:55	
Dibromochloromethane	ND		0.15	1	10/18/2021 16:55	
1,2-Dibromo-3-chloropropane	ND		0.020	1	10/18/2021 16:55	
1,2-Dibromoethane (EDB)	ND		0.040	1	10/18/2021 16:55	
Dibromomethane	ND		0.50	1	10/18/2021 16:55	
1,2-Dichlorobenzene	ND		0.50	1	10/18/2021 16:55	
1,3-Dichlorobenzene	ND		0.50	1	10/18/2021 16:55	
1,4-Dichlorobenzene	ND		0.50	1	10/18/2021 16:55	
Dichlorodifluoromethane	ND		0.50	1	10/18/2021 16:55	
1,1-Dichloroethane	ND		0.50	1	10/18/2021 16:55	
1,2-Dichloroethane (1,2-DCA)	ND		0.020	1	10/18/2021 16:55	
1,1-Dichloroethene	ND		0.010	1	10/18/2021 16:55	
cis-1,2-Dichloroethene	ND		0.50	1	10/18/2021 16:55	
trans-1,2-Dichloroethene	ND		0.50	1	10/18/2021 16:55	
1,2-Dichloropropane	ND		0.20	1	10/18/2021 16:55	
1,3-Dichloropropane	ND		0.50	1	10/18/2021 16:55	
2,2-Dichloropropane	ND		0.50	1	10/18/2021 16:55	

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
FGW-25	2110783-006A	Water	10/12/2021 08:30		GC38 10182116.D	231811
Analytes	Result	RL	DF	Date Analyzed		
1,1-Dichloropropene	ND	0.50	1	10/18/2021 16:55		
cis-1,3-Dichloropropene	ND	0.50	1	10/18/2021 16:55		
trans-1,3-Dichloropropene	ND	0.50	1	10/18/2021 16:55		
Diisopropyl ether (DIPE)	ND	0.50	1	10/18/2021 16:55		
Ethylbenzene	ND	0.50	1	10/18/2021 16:55		
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	10/18/2021 16:55		
Freon 113	ND	0.50	1	10/18/2021 16:55		
Hexachlorobutadiene	ND	0.50	1	10/18/2021 16:55		
Hexachloroethane	ND	0.20	1	10/18/2021 16:55		
2-Hexanone	ND	0.50	1	10/18/2021 16:55		
Isopropylbenzene	ND	0.50	1	10/18/2021 16:55		
4-Isopropyl toluene	ND	0.50	1	10/18/2021 16:55		
Methyl-t-butyl ether (MTBE)	ND	0.50	1	10/18/2021 16:55		
Methylene chloride	ND	2.0	1	10/18/2021 16:55		
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	10/18/2021 16:55		
Naphthalene	ND	0.30	1	10/18/2021 16:55		
n-Propyl benzene	ND	0.50	1	10/18/2021 16:55		
Styrene	ND	2.0	1	10/18/2021 16:55		
1,1,1,2-Tetrachloroethane	ND	0.50	1	10/18/2021 16:55		
1,1,2,2-Tetrachloroethane	ND	0.020	1	10/18/2021 16:55		
Tetrachloroethene	ND	0.20	1	10/18/2021 16:55		
Toluene	ND	0.50	1	10/18/2021 16:55		
1,2,3-Trichlorobenzene	ND	0.50	1	10/18/2021 16:55		
1,2,4-Trichlorobenzene	ND	0.50	1	10/18/2021 16:55		
1,1,1-Trichloroethane	ND	0.50	1	10/18/2021 16:55		
1,1,2-Trichloroethane	ND	0.20	1	10/18/2021 16:55		
Trichloroethene	ND	0.50	1	10/18/2021 16:55		
Trichlorofluoromethane	ND	0.50	1	10/18/2021 16:55		
1,2,3-Trichloropropane	ND	0.0050	1	10/18/2021 16:55		
1,2,4-Trimethylbenzene	ND	0.50	1	10/18/2021 16:55		
1,3,5-Trimethylbenzene	ND	0.50	1	10/18/2021 16:55		
Vinyl Chloride	ND	0.0050	1	10/18/2021 16:55		
m,p-Xylene	ND	0.50	1	10/18/2021 16:55		
o-Xylene	ND	0.50	1	10/18/2021 16:55		
Xylenes, Total	ND	0.50	1	10/18/2021 16:55		

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-25	2110783-006A	Water	10/12/2021 08:30	GC38 10182116.D	231811

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	115	70-130		10/18/2021 16:55
Toluene-d8	127	70-130		10/18/2021 16:55
4-BFB	104	70-130		10/18/2021 16:55

Analyst(s): ANL

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-26	2110783-007A	Water	10/13/2021 08:45	GC28 10192109.D	231885

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	40	1	10/19/2021 11:28
tert-Amyl methyl ether (TAME)	ND	0.50	1	10/19/2021 11:28
Benzene	ND	0.20	1	10/19/2021 11:28
Bromobenzene	ND	0.50	1	10/19/2021 11:28
Bromochloromethane	ND	0.50	1	10/19/2021 11:28
Bromodichloromethane	ND	0.050	1	10/19/2021 11:28
Bromoform	ND	0.50	1	10/19/2021 11:28
Bromomethane	ND	0.50	1	10/19/2021 11:28
2-Butanone (MEK)	ND	5.0	1	10/19/2021 11:28
t-Butyl alcohol (TBA)	ND	5.0	1	10/19/2021 11:28
n-Butyl benzene	ND	0.50	1	10/19/2021 11:28
sec-Butyl benzene	ND	0.50	1	10/19/2021 11:28
tert-Butyl benzene	ND	0.50	1	10/19/2021 11:28
Carbon Disulfide	ND	0.50	1	10/19/2021 11:28
Carbon Tetrachloride	ND	0.050	1	10/19/2021 11:28
Chlorobenzene	ND	0.50	1	10/19/2021 11:28
Chloroethane	ND	0.50	1	10/19/2021 11:28
Chloroform	ND	0.10	1	10/19/2021 11:28
Chloromethane	ND	0.50	1	10/19/2021 11:28
2-Chlorotoluene	ND	0.50	1	10/19/2021 11:28
4-Chlorotoluene	ND	0.50	1	10/19/2021 11:28
Dibromochloromethane	ND	0.15	1	10/19/2021 11:28
1,2-Dibromo-3-chloropropane	ND	0.020	1	10/19/2021 11:28
1,2-Dibromoethane (EDB)	ND	0.040	1	10/19/2021 11:28
Dibromomethane	ND	0.50	1	10/19/2021 11:28
1,2-Dichlorobenzene	ND	0.50	1	10/19/2021 11:28
1,3-Dichlorobenzene	ND	0.50	1	10/19/2021 11:28
1,4-Dichlorobenzene	ND	0.50	1	10/19/2021 11:28
Dichlorodifluoromethane	ND	0.50	1	10/19/2021 11:28
1,1-Dichloroethane	ND	0.50	1	10/19/2021 11:28
1,2-Dichloroethane (1,2-DCA)	ND	0.020	1	10/19/2021 11:28
1,1-Dichloroethene	ND	0.010	1	10/19/2021 11:28
cis-1,2-Dichloroethene	ND	0.50	1	10/19/2021 11:28
trans-1,2-Dichloroethene	ND	0.50	1	10/19/2021 11:28
1,2-Dichloropropane	ND	0.20	1	10/19/2021 11:28
1,3-Dichloropropane	ND	0.50	1	10/19/2021 11:28
2,2-Dichloropropane	ND	0.50	1	10/19/2021 11:28

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-26	2110783-007A	Water	10/13/2021 08:45	GC28 10192109.D	231885
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.50	1	10/19/2021 11:28	
cis-1,3-Dichloropropene	ND	0.50	1	10/19/2021 11:28	
trans-1,3-Dichloropropene	ND	0.50	1	10/19/2021 11:28	
Diisopropyl ether (DIPE)	ND	0.50	1	10/19/2021 11:28	
Ethylbenzene	ND	0.50	1	10/19/2021 11:28	
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	10/19/2021 11:28	
Freon 113	ND	0.50	1	10/19/2021 11:28	
Hexachlorobutadiene	ND	0.50	1	10/19/2021 11:28	
Hexachloroethane	ND	0.20	1	10/19/2021 11:28	
2-Hexanone	ND	0.50	1	10/19/2021 11:28	
Isopropylbenzene	ND	0.50	1	10/19/2021 11:28	
4-Isopropyl toluene	ND	0.50	1	10/19/2021 11:28	
Methyl-t-butyl ether (MTBE)	ND	0.50	1	10/19/2021 11:28	
Methylene chloride	ND	2.0	1	10/19/2021 11:28	
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	10/19/2021 11:28	
Naphthalene	ND	0.30	1	10/19/2021 11:28	
n-Propyl benzene	ND	0.50	1	10/19/2021 11:28	
Styrene	ND	2.0	1	10/19/2021 11:28	
1,1,1,2-Tetrachloroethane	ND	0.50	1	10/19/2021 11:28	
1,1,2,2-Tetrachloroethane	ND	0.020	1	10/19/2021 11:28	
Tetrachloroethene	ND	0.20	1	10/19/2021 11:28	
Toluene	ND	0.50	1	10/19/2021 11:28	
1,2,3-Trichlorobenzene	ND	0.50	1	10/19/2021 11:28	
1,2,4-Trichlorobenzene	ND	0.50	1	10/19/2021 11:28	
1,1,1-Trichloroethane	ND	0.50	1	10/19/2021 11:28	
1,1,2-Trichloroethane	ND	0.20	1	10/19/2021 11:28	
Trichloroethene	ND	0.50	1	10/19/2021 11:28	
Trichlorofluoromethane	ND	0.50	1	10/19/2021 11:28	
1,2,3-Trichloropropane	ND	0.0050	1	10/19/2021 11:28	
1,2,4-Trimethylbenzene	ND	0.50	1	10/19/2021 11:28	
1,3,5-Trimethylbenzene	ND	0.50	1	10/19/2021 11:28	
Vinyl Chloride	ND	0.0050	1	10/19/2021 11:28	
m,p-Xylene	ND	0.50	1	10/19/2021 11:28	
o-Xylene	ND	0.50	1	10/19/2021 11:28	
Xylenes, Total	ND	0.50	1	10/19/2021 11:28	

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Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/18/2021-10/19/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FGW-26	2110783-007A	Water	10/13/2021 08:45	GC28 10192109.D	231885

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	101	70-130		10/19/2021 11:28
Toluene-d8	92	70-130		10/19/2021 11:28
4-BFB	80	70-130		10/19/2021 11:28

Analyst(s): KF

Analytical Comments: b1



Analytical Report

Client: Farallon Consulting
Date Received: 10/14/2021 17:15
Date Prepared: 10/15/2021
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
IDW-Soil-1	2110783-008A	Soil	10/13/2021 15:00		ICP-MS4 269SMPL.d	231645
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
Antimony	0.51		0.50	1	10/15/2021 23:25	
Arsenic	8.9		0.50	1	10/15/2021 23:25	
Barium	120		5.0	1	10/15/2021 23:25	
Beryllium	ND		0.50	1	10/15/2021 23:25	
Cadmium	ND		0.50	1	10/15/2021 23:25	
Chromium	39		0.50	1	10/15/2021 23:25	
Cobalt	9.0		0.50	1	10/15/2021 23:25	
Copper	27		0.50	1	10/15/2021 23:25	
Lead	8.7		0.50	1	10/15/2021 23:25	
Mercury	0.057		0.050	1	10/15/2021 23:25	
Molybdenum	0.86		0.50	1	10/15/2021 23:25	
Nickel	37		0.50	1	10/15/2021 23:25	
Selenium	ND		0.50	1	10/15/2021 23:25	
Silver	ND		0.50	1	10/15/2021 23:25	
Thallium	ND		0.50	1	10/15/2021 23:25	
Vanadium	49		0.50	1	10/15/2021 23:25	
Zinc	59		5.0	1	10/15/2021 23:25	

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	99	70-130	10/15/2021 23:25

Analyst(s): WV



Analytical Report

Client: Farallon Consulting

Date Received: 10/14/2021 17:15

Date Prepared: 10/14/2021

Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783

Extraction Method: SW5035

Analytical Method: SW8021B/8015Bm

Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
IDW-Soil-1	2110783-008A	Soil	10/13/2021 15:00		GC3 10182110.D	231605
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
TPH(g) (C6-C12)	ND		1.0	1	10/18/2021 15:53	
MTBE	---		0.050	1	10/18/2021 15:53	
Benzene	---		0.0050	1	10/18/2021 15:53	
Toluene	---		0.0050	1	10/18/2021 15:53	
Ethylbenzene	---		0.0050	1	10/18/2021 15:53	
m,p-Xylene	---		0.010	1	10/18/2021 15:53	
o-Xylene	---		0.0050	1	10/18/2021 15:53	
Xylenes	---		0.0050	1	10/18/2021 15:53	
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
2-Fluorotoluene	87		62-126		10/18/2021 15:53	
<u>Analyst(s):</u> IA						



Analytical Report

Client: Farallon Consulting

Date Received: 10/14/2021 17:15

Date Prepared: 10/14/2021

Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783

Extraction Method: SW3550B

Analytical Method: SW8015B

Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IDW-Soil-1	2110783-008A	Soil	10/13/2021 15:00	GC6B 10182111.D	231647

Analytes	Result	RL	DE	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	10/18/2021 13:45
TPH-Motor Oil (C18-C36)	19	10	1	10/18/2021 13:45

Surrogates	REC (%)	Limits	
C9	95	70-130	10/18/2021 13:45

Analyst(s): JIS

Analytical Comments: e7



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/14/2021
Date Analyzed: 10/16/2021
Instrument: GC38
Matrix: Soil
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231652
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-231652

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.120	0.200	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.000740	0.00500	-	-	-
Benzene	ND	0.000870	0.00500	-	-	-
Bromobenzene	ND	0.000910	0.00500	-	-	-
Bromochloromethane	ND	0.000910	0.00500	-	-	-
Bromodichloromethane	ND	0.0000940	0.00500	-	-	-
Bromoform	ND	0.00390	0.00500	-	-	-
Bromomethane	ND	0.00250	0.00500	-	-	-
2-Butanone (MEK)	ND	0.0230	0.0500	-	-	-
t-Butyl alcohol (TBA)	ND	0.0230	0.0500	-	-	-
n-Butyl benzene	ND	0.00140	0.00500	-	-	-
sec-Butyl benzene	ND	0.00150	0.00500	-	-	-
tert-Butyl benzene	ND	0.00170	0.00500	-	-	-
Carbon Disulfide	ND	0.00150	0.00500	-	-	-
Carbon Tetrachloride	ND	0.000120	0.00500	-	-	-
Chlorobenzene	ND	0.000870	0.00500	-	-	-
Chloroethane	ND	0.00160	0.00500	-	-	-
Chloroform	ND	0.000190	0.00500	-	-	-
Chloromethane	ND	0.00170	0.00500	-	-	-
2-Chlorotoluene	ND	0.00130	0.00500	-	-	-
4-Chlorotoluene	ND	0.00100	0.00500	-	-	-
Dibromochloromethane	ND	0.000420	0.00500	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.000490	0.000500	-	-	-
1,2-Dibromoethane (EDB)	ND	0.000120	0.000250	-	-	-
Dibromomethane	ND	0.000950	0.00500	-	-	-
1,2-Dichlorobenzene	ND	0.00230	0.00500	-	-	-
1,3-Dichlorobenzene	ND	0.00100	0.00500	-	-	-
1,4-Dichlorobenzene	ND	0.00100	0.00500	-	-	-
Dichlorodifluoromethane	ND	0.00170	0.00500	-	-	-
1,1-Dichloroethane	ND	0.000810	0.00500	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0000710	0.000100	-	-	-
1,1-Dichloroethene	ND	0.0000690	0.00500	-	-	-
cis-1,2-Dichloroethene	ND	0.000750	0.00500	-	-	-
trans-1,2-Dichloroethene	ND	0.00120	0.00500	-	-	-
1,2-Dichloropropane	ND	0.000780	0.00500	-	-	-
1,3-Dichloropropane	ND	0.00100	0.00500	-	-	-
2,2-Dichloropropane	ND	0.00120	0.00500	-	-	-
1,1-Dichloropropene	ND	0.000960	0.00500	-	-	-

(Cont.)



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/14/2021
Date Analyzed: 10/16/2021
Instrument: GC38
Matrix: Soil
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231652
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-231652

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.000660	0.00500	-	-	-
trans-1,3-Dichloropropene	ND	0.000670	0.00500	-	-	-
Diisopropyl ether (DIPE)	ND	0.000780	0.00500	-	-	-
Ethylbenzene	ND	0.00110	0.00500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.000730	0.00500	-	-	-
Freon 113	ND	0.00110	0.00500	-	-	-
Hexachlorobutadiene	ND	0.00120	0.00500	-	-	-
Hexachloroethane	ND	0.000670	0.00500	-	-	-
2-Hexanone	ND	0.00430	0.00500	-	-	-
Isopropylbenzene	ND	0.00140	0.00500	-	-	-
4-Isopropyl toluene	ND	0.00130	0.00500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.00140	0.00500	-	-	-
Methylene chloride	ND	0.00580	0.0200	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.00150	0.00500	-	-	-
Naphthalene	ND	0.00220	0.00500	-	-	-
n-Propyl benzene	ND	0.00160	0.00500	-	-	-
Styrene	ND	0.00120	0.00500	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.00100	0.00500	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.000280	0.00500	-	-	-
Tetrachloroethene	ND	0.000310	0.00500	-	-	-
Toluene	ND	0.00120	0.00500	-	-	-
1,2,3-Trichlorobenzene	ND	0.00170	0.00500	-	-	-
1,2,4-Trichlorobenzene	ND	0.00120	0.00500	-	-	-
1,1,1-Trichloroethane	ND	0.000840	0.00500	-	-	-
1,1,2-Trichloroethane	ND	0.000920	0.00500	-	-	-
Trichloroethene	ND	0.000810	0.00500	-	-	-
Trichlorofluoromethane	ND	0.00130	0.00500	-	-	-
1,2,3-Trichloropropane	ND	0.000150	0.000250	-	-	-
1,2,4-Trimethylbenzene	ND	0.00320	0.00500	-	-	-
1,3,5-Trimethylbenzene	ND	0.00120	0.00500	-	-	-
Vinyl Chloride	ND	0.000130	0.000250	-	-	-
m,p-Xylene	ND	0.00250	0.00500	-	-	-
o-Xylene	ND	0.00120	0.00500	-	-	-

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2110783
Date Prepared:	10/14/2021	BatchID:	231652
Date Analyzed:	10/16/2021	Extraction Method:	SW5030B
Instrument:	GC38	Analytical Method:	SW8260B
Matrix:	Soil	Unit:	mg/kg
Project:	1353-062; 1571, 1581, 1593 Industrial Pway.	Sample ID:	MB/LCS/LCSD-231652

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.144			0.125	116	70-140
Toluene-d8	0.175			0.125	140	70-140
4-BFB	0.0129			0.0125	103	70-140
Benzene-d6	0.171			0.1	171,F3	70-140
Ethylbenzene-d10	0.149			0.1	149,F3	70-140
1,2-DCB-d4	0.0974			0.1	97	70-140



Quality Control Report

Client: Farallon Consulting

Date Prepared: 10/14/2021

Date Analyzed: 10/16/2021

Instrument: GC38

Matrix: Soil

Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783

BatchID: 231652

Extraction Method: SW5030B

Analytical Method: SW8260B

Unit: mg/kg

Sample ID: MB/LCS/LCSD-231652

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.152	0.168	0.20	76	84	60-140	9.91	20
tert-Amyl methyl ether (TAME)	0.0133	0.0135	0.020	66	68	50-140	1.87	20
Benzene	0.0153	0.0152	0.020	77	76	60-140	0.430	20
Bromobenzene	0.0184	0.0188	0.020	92	94	60-140	1.95	20
Bromochloromethane	0.0170	0.0175	0.020	85	88	60-140	3.03	20
Bromodichloromethane	0.0155	0.0157	0.020	78	78	60-140	0.960	20
Bromoform	0.0119	0.0125	0.020	60	63	40-140	4.89	20
Bromomethane	0.0302	0.0290	0.020	151,F2	145,F2	30-140	3.91	20
2-Butanone (MEK)	0.0535	0.0562	0.080	67	70	50-140	5.02	20
t-Butyl alcohol (TBA)	0.0532	0.0548	0.080	67	69	50-140	2.95	20
n-Butyl benzene	0.0238	0.0266	0.020	119	133	60-150	11.3	20
sec-Butyl benzene	0.0222	0.0225	0.020	111	112	60-150	1.31	20
tert-Butyl benzene	0.0227	0.0231	0.020	114	116	60-140	1.75	20
Carbon Disulfide	0.0151	0.0151	0.020	75	76	50-140	0.360	20
Carbon Tetrachloride	0.0178	0.0179	0.020	89	89	60-140	0.723	20
Chlorobenzene	0.0175	0.0184	0.020	87	92	60-140	4.88	20
Chloroethane	0.0178	0.0171	0.020	89	85	50-140	4.36	20
Chloroform	0.0165	0.0166	0.020	83	83	60-140	0.293	20
Chloromethane	0.00950	0.00883	0.020	48	44	20-140	7.36	20
2-Chlorotoluene	0.0207	0.0212	0.020	104	106	60-140	2.18	20
4-Chlorotoluene	0.0201	0.0209	0.020	101	105	60-140	3.82	20
Dibromochloromethane	0.0143	0.0151	0.020	71	76	50-140	6.04	20
1,2-Dibromo-3-chloropropane	0.00621	0.00658	0.010	62	66	30-140	5.79	20
1,2-Dibromoethane (EDB)	0.00766	0.00822	0.010	77	82	40-140	7.00	20
Dibromomethane	0.0151	0.0153	0.020	76	77	60-140	1.10	20
1,2-Dichlorobenzene	0.0148	0.0154	0.020	74	77	60-140	3.69	20
1,3-Dichlorobenzene	0.0184	0.0190	0.020	92	95	60-140	3.15	20
1,4-Dichlorobenzene	0.0177	0.0182	0.020	89	91	60-140	2.86	20
Dichlorodifluoromethane	0.00559	0.00932	0.020	28	47	10-140	50.0,F2	20
1,1-Dichloroethane	0.0158	0.0158	0.020	79	79	60-140	0.0509	20
1,2-Dichloroethane (1,2-DCA)	0.0141	0.0142	0.020	70	71	60-140	0.507	20
1,1-Dichloroethene	0.0143	0.0143	0.020	72	71	60-140	0.485	20
cis-1,2-Dichloroethene	0.0172	0.0172	0.020	86	86	60-140	0.218	20
trans-1,2-Dichloroethene	0.0179	0.0178	0.020	90	89	60-140	0.414	20
1,2-Dichloropropane	0.0143	0.0143	0.020	71	71	60-140	0.141	20
1,3-Dichloropropane	0.0153	0.0164	0.020	77	82	60-140	6.78	20
2,2-Dichloropropane	0.0182	0.0182	0.020	91	91	60-140	0.151	20
1,1-Dichloropropene	0.0159	0.0160	0.020	80	80	60-140	0.550	20

(Cont.)



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/14/2021
Date Analyzed: 10/16/2021
Instrument: GC38
Matrix: Soil
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231652
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-231652

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0161	0.0170	0.020	80	85	60-140	5.98	20
trans-1,3-Dichloropropene	0.0161	0.0171	0.020	81	85	60-140	5.86	20
Diisopropyl ether (DIPE)	0.0135	0.0134	0.020	68	67	60-140	0.952	20
Ethylbenzene	0.0192	0.0199	0.020	96	100	60-140	3.69	20
Ethyl tert-butyl ether (ETBE)	0.0138	0.0140	0.020	69	70	60-140	1.44	20
Freon 113	0.0147	0.0147	0.020	73	74	50-140	0.239	20
Hexachlorobutadiene	0.0208	0.0215	0.020	104	108	60-140	3.30	20
Hexachloroethane	0.0213	0.0222	0.020	107	111	60-140	3.72	20
2-Hexanone	0.0111	0.0125	0.020	56	62	40-140	11.5	20
Isopropylbenzene	0.0235	0.0245	0.020	118	123	60-140	4.13	20
4-Isopropyl toluene	0.0234	0.0235	0.020	117	117	60-150	0.418	20
Methyl-t-butyl ether (MTBE)	0.0139	0.0142	0.020	69	71	50-140	2.05	20
Methylene chloride	0.0151	0.0150	0.020	75	75	60-140	0.523	20
4-Methyl-2-pentanone (MIBK)	0.0106	0.0118	0.020	53	59	50-140	11.1	20
Naphthalene	0.00816	0.00815	0.020	41	41	30-140	0.160	20
n-Propyl benzene	0.0247	0.0247	0.020	123	124	60-140	0.221	20
Styrene	0.0157	0.0164	0.020	79	82	60-140	4.45	20
1,1,1,2-Tetrachloroethane	0.0169	0.0178	0.020	85	89	60-140	5.00	20
1,1,2,2-Tetrachloroethane	0.0120	0.0126	0.020	60	63	40-140	5.35	20
Tetrachloroethene	0.0202	0.0213	0.020	101	107	60-140	5.26	20
Toluene	0.0187	0.0194	0.020	93	97	60-140	3.86	20
1,2,3-Trichlorobenzene	0.00985	0.00984	0.020	49	49	40-140	0.184	20
1,2,4-Trichlorobenzene	0.0130	0.0133	0.020	65	67	50-140	1.96	20
1,1,1-Trichloroethane	0.0177	0.0177	0.020	88	89	60-140	0.306	20
1,1,2-Trichloroethane	0.0152	0.0162	0.020	76	81	60-140	6.63	20
Trichloroethene	0.0178	0.0178	0.020	89	89	60-140	0.244	20
Trichlorofluoromethane	0.0141	0.0139	0.020	70	70	50-140	1.12	20
1,2,3-Trichloropropane	0.00786	0.00817	0.010	79	82	40-140	3.89	20
1,2,4-Trimethylbenzene	0.0215	0.0221	0.020	107	110	30-140	2.79	20
1,3,5-Trimethylbenzene	0.0226	0.0231	0.020	113	116	60-140	2.12	20
Vinyl Chloride	0.00616	0.00570	0.010	62	57	30-140	7.67	20
m,p-Xylene	0.0336	0.0347	0.040	84	87	60-140	3.18	20
o-Xylene	0.0156	0.0161	0.020	78	80	60-140	3.25	20

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Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2110783
Date Prepared:	10/14/2021	BatchID:	231652
Date Analyzed:	10/16/2021	Extraction Method:	SW5030B
Instrument:	GC38	Analytical Method:	SW8260B
Matrix:	Soil	Unit:	mg/kg
Project:	1353-062; 1571, 1581, 1593 Industrial Pway.	Sample ID:	MB/LCS/LCSD-231652

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.147	0.142	0.12	118	113	70-140	4.02	20
Toluene-d8	0.168	0.168	0.12	134	134	70-140	0.0452	20
4-BFB	0.0125	0.0127	0.012	100	102	70-140	1.37	20
Benzene-d6	0.158	0.152	0.10	158,F3	152,F3	70-140	3.57	20
Ethylbenzene-d10	0.136	0.138	0.10	136	138	70-140	1.71	20
1,2-DCB-d4	0.0902	0.0912	0.10	90	91	70-140	1.03	20



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/18/2021
Date Analyzed: 10/18/2021
Instrument: GC38
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231811
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231811
2110783-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	6.30	40.0	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.130	0.500	-	-	-
Benzene	ND	0.120	0.200	-	-	-
Bromobenzene	ND	0.130	0.500	-	-	-
Bromochloromethane	ND	0.110	0.500	-	-	-
Bromodichloromethane	ND	0.0250	0.0500	-	-	-
Bromoform	ND	0.310	0.500	-	-	-
Bromomethane	ND	0.180	0.500	-	-	-
2-Butanone (MEK)	ND	1.50	5.00	-	-	-
t-Butyl alcohol (TBA)	ND	2.50	5.00	-	-	-
n-Butyl benzene	ND	0.230	0.500	-	-	-
sec-Butyl benzene	ND	0.170	0.500	-	-	-
tert-Butyl benzene	ND	0.130	0.500	-	-	-
Carbon Disulfide	ND	0.180	0.500	-	-	-
Carbon Tetrachloride	ND	0.0280	0.0500	-	-	-
Chlorobenzene	ND	0.110	0.500	-	-	-
Chloroethane	ND	0.200	0.500	-	-	-
Chloroform	ND	0.0910	0.100	-	-	-
Chloromethane	ND	0.280	0.500	-	-	-
2-Chlorotoluene	ND	0.230	0.500	-	-	-
4-Chlorotoluene	ND	0.120	0.500	-	-	-
Dibromochloromethane	ND	0.0260	0.150	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0100	0.0200	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0210	0.0400	-	-	-
Dibromomethane	ND	0.120	0.500	-	-	-
1,2-Dichlorobenzene	ND	0.160	0.500	-	-	-
1,3-Dichlorobenzene	ND	0.120	0.500	-	-	-
1,4-Dichlorobenzene	ND	0.0930	0.500	-	-	-
Dichlorodifluoromethane	ND	0.290	0.500	-	-	-
1,1-Dichloroethane	ND	0.150	0.500	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0110	0.0200	-	-	-
1,1-Dichloroethene	ND	0.00940	0.0100	-	-	-
cis-1,2-Dichloroethene	ND	0.0930	0.500	-	-	-
trans-1,2-Dichloroethene	ND	0.110	0.500	-	-	-
1,2-Dichloropropane	ND	0.0190	0.200	-	-	-
1,3-Dichloropropane	ND	0.170	0.500	-	-	-
2,2-Dichloropropane	ND	0.220	0.500	-	-	-
1,1-Dichloropropene	ND	0.0850	0.500	-	-	-

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Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/18/2021
Date Analyzed: 10/18/2021
Instrument: GC38
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231811
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231811
2110783-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.210	0.500	-	-	-
trans-1,3-Dichloropropene	ND	0.280	0.500	-	-	-
Diisopropyl ether (DIPE)	ND	0.120	0.500	-	-	-
Ethylbenzene	ND	0.140	0.500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.160	0.500	-	-	-
Freon 113	ND	0.130	0.500	-	-	-
Hexachlorobutadiene	ND	0.150	0.500	-	-	-
Hexachloroethane	ND	0.0590	0.200	-	-	-
2-Hexanone	ND	0.320	0.500	-	-	-
Isopropylbenzene	ND	0.160	0.500	-	-	-
4-Isopropyl toluene	ND	0.150	0.500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.160	0.500	-	-	-
Methylene chloride	ND	0.740	2.00	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.440	0.500	-	-	-
Naphthalene	ND	0.150	0.300	-	-	-
n-Propyl benzene	ND	0.120	0.500	-	-	-
Styrene	ND	0.280	2.00	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.160	0.500	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.0110	0.0200	-	-	-
Tetrachloroethene	ND	0.160	0.200	-	-	-
Toluene	ND	0.170	0.500	-	-	-
1,2,3-Trichlorobenzene	ND	0.240	0.500	-	-	-
1,2,4-Trichlorobenzene	ND	0.220	0.500	-	-	-
1,1,1-Trichloroethane	ND	0.110	0.500	-	-	-
1,1,2-Trichloroethane	ND	0.110	0.200	-	-	-
Trichloroethene	ND	0.250	0.500	-	-	-
Trichlorofluoromethane	ND	0.140	0.500	-	-	-
1,2,3-Trichloropropane	ND	0.00450	0.00500	-	-	-
1,2,4-Trimethylbenzene	ND	0.180	0.500	-	-	-
1,3,5-Trimethylbenzene	ND	0.160	0.500	-	-	-
Vinyl Chloride	ND	0.00430	0.00500	-	-	-
m,p-Xylene	ND	0.250	0.500	-	-	-
o-Xylene	ND	0.130	0.500	-	-	-

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Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/18/2021
Date Analyzed: 10/18/2021
Instrument: GC38
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231811
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231811
2110783-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	28.6			25	114	70-130
Toluene-d8	32.6			25	131,F3	70-130
4-BFB	2.81			2.5	112	70-130



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/18/2021
Date Analyzed: 10/18/2021
Instrument: GC38
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231811
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231811
2110783-001AMS/MSD

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	31.6	34.5	40	79	86	60-130	8.55	20
tert-Amyl methyl ether (TAME)	3.70	4.28	4	92	107	60-130	14.4	20
Benzene	3.41	3.91	4	85	98	60-130	13.7	20
Bromobenzene	4.14	4.61	4	103	115	60-130	10.7	20
Bromochloromethane	3.84	4.42	4	96	111	60-130	14.0	20
Bromodichloromethane	3.85	4.45	4	96	111	60-130	14.5	20
Bromoform	3.49	3.92	4	87	98	50-130	11.6	20
Bromomethane	8.71	8.82	4	218,F2	221,F2	50-130	1.32	20
2-Butanone (MEK)	13.1	15.3	16	82	96	60-130	15.5	20
t-Butyl alcohol (TBA)	12.7	14.9	16	79	93	50-130	16.3	20
n-Butyl benzene	4.39	5.20	4	110	130	60-130	17.0	20
sec-Butyl benzene	3.79	4.25	4	95	106	60-130	11.4	20
tert-Butyl benzene	4.10	4.54	4	102	113	60-130	10.1	20
Carbon Disulfide	3.94	4.48	4	98	112	60-130	12.9	20
Carbon Tetrachloride	3.84	4.38	4	96	109	60-130	13.1	20
Chlorobenzene	3.98	4.44	4	99	111	60-130	10.9	20
Chloroethane	4.72	5.46	4	118	137	60-140	14.7	20
Chloroform	3.69	4.24	4	92	106	60-130	13.9	20
Chloromethane	4.83	5.31	4	121	133,F2	50-130	9.34	20
2-Chlorotoluene	4.19	4.57	4	105	114	60-130	8.74	20
4-Chlorotoluene	4.21	4.61	4	105	115	60-130	8.94	20
Dibromochloromethane	3.73	4.19	4	93	105	50-130	11.6	20
1,2-Dibromo-3-chloropropane	1.93	2.18	2	97	109	50-130	12.2	20
1,2-Dibromoethane (EDB)	1.94	2.19	2	97	110	60-130	12.3	20
Dibromomethane	3.79	4.35	4	95	109	60-130	13.7	20
1,2-Dichlorobenzene	4.00	4.46	4	100	111	60-130	10.8	20
1,3-Dichlorobenzene	4.12	4.60	4	103	115	60-130	10.8	20
1,4-Dichlorobenzene	4.05	4.55	4	101	114	60-130	11.6	20
Dichlorodifluoromethane	9.28	8.02	4	232,F2	201,F2	40-140	14.6	20
1,1-Dichloroethane	3.53	4.04	4	88	101	50-130	13.4	20
1,2-Dichloroethane (1,2-DCA)	3.32	3.84	4	83	96	60-130	14.7	20
1,1-Dichloroethene	3.35	3.82	4	84	96	60-130	13.1	20
cis-1,2-Dichloroethene	3.78	4.33	4	94	108	60-130	13.5	20
trans-1,2-Dichloroethene	3.87	4.40	4	97	110	60-130	12.8	20
1,2-Dichloropropane	3.31	3.81	4	83	95	60-130	14.2	20
1,3-Dichloropropane	3.83	4.32	4	96	108	60-130	12.2	20
2,2-Dichloropropane	4.12	4.66	4	103	117	60-130	12.3	20
1,1-Dichloropropene	3.48	4.00	4	87	100	60-130	13.9	20

(Cont.)



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/18/2021
Date Analyzed: 10/18/2021
Instrument: GC38
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231811
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231811
2110783-001AMS/MSD

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.94	4.42	4	99	110	60-130	11.3	20
trans-1,3-Dichloropropene	4.07	4.58	4	102	114	60-130	11.6	20
Diisopropyl ether (DIPE)	3.21	3.70	4	80	92	60-130	14.0	20
Ethylbenzene	4.05	4.47	4	101	112	60-130	9.87	20
Ethyl tert-butyl ether (ETBE)	3.50	4.06	4	88	101	60-130	14.8	20
Freon 113	3.62	4.06	4	91	102	60-130	11.5	20
Hexachlorobutadiene	3.69	4.11	4	92	103	60-130	10.9	20
Hexachloroethane	4.29	4.77	4	107	119	50-130	10.5	20
2-Hexanone	3.29	3.79	4	82	95	50-130	14.2	20
Isopropylbenzene	4.20	4.68	4	105	117	60-130	10.9	20
4-Isopropyl toluene	4.24	4.74	4	106	118	60-130	11.0	20
Methyl-t-butyl ether (MTBE)	3.60	4.21	4	90	105	60-130	15.5	20
Methylene chloride	3.25	3.81	4	81	95	50-130	15.8	20
4-Methyl-2-pentanone (MIBK)	3.38	3.87	4	84	97	50-130	13.6	20
Naphthalene	4.12	4.58	4	103	115	60-130	10.6	20
n-Propyl benzene	4.32	4.70	4	108	118	60-130	8.44	20
Styrene	3.85	4.30	4	96	107	60-130	10.9	20
1,1,1,2-Tetrachloroethane	3.93	4.36	4	98	109	60-130	10.5	20
1,1,2,2-Tetrachloroethane	3.66	4.15	4	92	104	60-130	12.4	20
Tetrachloroethene	3.92	4.32	4	98	108	60-130	9.78	20
Toluene	3.96	4.38	4	99	110	60-130	10.2	20
1,2,3-Trichlorobenzene	3.72	4.07	4	93	102	60-130	9.20	20
1,2,4-Trichlorobenzene	3.92	4.31	4	98	108	60-130	9.43	20
1,1,1-Trichloroethane	3.79	4.31	4	95	108	60-130	13.0	20
1,1,2-Trichloroethane	3.82	4.28	4	96	107	60-130	11.4	20
Trichloroethene	3.43	3.91	4	86	98	60-130	13.1	20
Trichlorofluoromethane	3.66	4.18	4	91	104	60-130	13.3	20
1,2,3-Trichloropropane	1.92	2.16	2	96	108	60-130	11.8	20
1,2,4-Trimethylbenzene	4.59	5.03	4	115	126	60-130	9.25	20
1,3,5-Trimethylbenzene	4.48	4.89	4	112	122	60-130	8.85	20
Vinyl Chloride	2.28	2.51	2	114	126	60-130	9.86	20
m,p-Xylene	7.28	8.02	8	91	100	60-130	9.67	20
o-Xylene	3.61	4.00	4	90	100	60-130	10.2	20

(Cont.)



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/18/2021
Date Analyzed: 10/18/2021
Instrument: GC38
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231811
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231811
2110783-001AMS/MSD

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	30.2	31.3	25	121	125	70-130	3.57	20
Toluene-d8	32.5	32.4	25	130	130	70-130	0.249	20
4-BFB	2.82	2.91	2.5	113	116	70-130	2.96	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acetone	1	28.5	24.8	40	ND	71	62	60-140	14.0	20
tert-Amyl methyl ether (TAME)	1	3.67	3.16	4	ND	92	79	60-140	15.0	20
Benzene	1	3.52	2.93	4	ND	88	73	60-140	18.2	20
Bromobenzene	1	4.21	3.57	4	ND	105	89	60-140	16.3	20
Bromochloromethane	1	3.94	3.36	4	ND	99	84	60-140	15.9	20
Bromodichloromethane	1	4.02	3.40	4	ND	100	85	60-140	16.8	20
Bromoform	1	3.54	3.09	4	ND	89	77	50-140	13.6	20
Bromomethane	1	8.39	6.66	4	ND	210,F1	167,F1	40-140	23,F1	20
2-Butanone (MEK)	1	12.3	10.8	16	ND	77	67	50-140	13.2	20
t-Butyl alcohol (TBA)	1	12.9	11.6	16	ND	81	72	50-140	11.0	20
n-Butyl benzene	1	4.81	4.28	4	ND	120	107	60-140	11.6	20
sec-Butyl benzene	1	4.39	3.63	4	ND	110	91	60-140	18.8	20
tert-Butyl benzene	1	4.46	3.75	4	ND	111	94	60-140	17.3	20
Carbon Disulfide	1	3.77	3.12	4	ND	94	78	60-140	18.7	20
Carbon Tetrachloride	1	4.05	3.38	4	ND	101	85	60-140	18.1	20
Chlorobenzene	1	4.15	3.55	4	ND	104	89	60-140	15.7	20
Chloroethane	1	4.87	4.23	4	ND	122	106	60-140	14.2	20
Chloroform	1	3.90	3.27	4	ND	98	82	60-140	17.7	20
Chloromethane	1	4.15	3.36	4	ND	104	84	60-140	20.8,F1	20
2-Chlorotoluene	1	4.49	3.78	4	ND	112	94	60-140	17.3	20
4-Chlorotoluene	1	4.43	3.77	4	ND	111	94	60-140	16.2	20
Dibromochloromethane	1	3.69	3.19	4	ND	91	78	50-140	14.5	20
1,2-Dibromo-3-chloropropane	1	1.82	1.59	2	ND	91	80	50-140	13.1	20
1,2-Dibromoethane (EDB)	1	1.80	1.57	2	ND	90	78	60-140	13.5	20
Dibromomethane	1	3.77	3.21	4	ND	94	80	60-140	16.1	20
1,2-Dichlorobenzene	1	4.17	3.59	4	ND	104	90	60-140	15.1	20
1,3-Dichlorobenzene	1	4.57	3.89	4	ND	114	97	60-140	16.2	20
1,4-Dichlorobenzene	1	4.41	3.74	4	ND	110	93	60-140	16.5	20
Dichlorodifluoromethane	1	3.85	2.74	4	ND	96	68	40-140	33.8,F1	20

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Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/18/2021
Date Analyzed: 10/18/2021
Instrument: GC38
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231811
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231811
2110783-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,1-Dichloroethane	1	3.66	3.05	4	ND	91	76	60-140	18.1	20
1,2-Dichloroethane (1,2-DCA)	1	3.37	2.89	4	ND	84	72	60-140	15.4	20
1,1-Dichloroethene	1	3.37	2.79	4	ND	84	70	50-140	18.7	20
cis-1,2-Dichloroethene	1	3.90	3.29	4	ND	97	82	60-140	16.9	20
trans-1,2-Dichloroethene	1	4.03	3.34	4	ND	101	84	60-140	18.7	20
1,2-Dichloropropane	1	3.46	2.92	4	ND	86	73	60-140	16.9	20
1,3-Dichloropropane	1	3.67	3.19	4	ND	92	80	60-140	14.0	20
2,2-Dichloropropane	1	4.29	3.53	4	ND	107	88	60-140	19.3	20
1,1-Dichloropropene	1	3.62	3.02	4	ND	90	75	60-140	18.2	20
cis-1,3-Dichloropropene	1	3.83	3.27	4	ND	96	82	60-140	15.9	20
trans-1,3-Dichloropropene	1	4.00	3.45	4	ND	100	86	60-140	14.7	20
Diisopropyl ether (DIPE)	1	3.44	2.88	4	ND	86	72	60-140	17.8	20
Ethylbenzene	1	4.23	3.59	4	ND	106	90	60-140	16.2	20
Ethyl tert-butyl ether (ETBE)	1	3.64	3.13	4	ND	91	78	60-140	15.1	20
Freon 113	1	3.64	3.00	4	ND	91	75	60-140	19.1	20
Hexachlorobutadiene	1	4.24	3.54	4	ND	106	89	60-140	17.7	20
Hexachloroethane	1	4.80	3.99	4	ND	120	100	40-140	18.4	20
2-Hexanone	1	3.06	2.69	4	ND	76	67	50-140	12.7	20
Isopropylbenzene	1	4.50	3.79	4	ND	113	95	60-140	17.3	20
4-Isopropyl toluene	1	4.66	3.98	4	ND	116	100	60-140	15.7	20
Methyl-t-butyl ether (MTBE)	1	3.54	3.08	4	ND	89	77	60-140	14.2	20
Methylene chloride	1	3.41	2.78	4	ND	85	69	60-140	20.4,F1	20
4-Methyl-2-pentanone (MIBK)	1	3.00	2.76	4	ND	75	69	50-140	8.37	20
Naphthalene	1	3.98	3.45	4	ND	99	86	50-140	14.2	20
n-Propyl benzene	1	4.64	3.94	4	ND	116	99	60-140	16.2	20
Styrene	1	4.05	3.46	4	ND	101	86	40-140	15.9	20
1,1,1,2-Tetrachloroethane	1	4.14	3.50	4	ND	104	87	60-140	16.9	20
1,1,2,2-Tetrachloroethane	1	3.60	3.13	4	ND	90	78	60-140	13.8	20
Tetrachloroethene	1	4.00	3.40	4	ND	100	85	60-140	16.4	20
Toluene	1	4.05	3.43	4	ND	101	86	60-140	16.6	20
1,2,3-Trichlorobenzene	1	3.88	3.30	4	ND	97	83	60-140	16.0	20
1,2,4-Trichlorobenzene	1	4.13	3.48	4	ND	103	87	60-140	17.3	20
1,1,1-Trichloroethane	1	3.98	3.32	4	ND	100	83	60-140	18.3	20
1,1,2-Trichloroethane	1	3.71	3.24	4	ND	93	81	60-140	13.6	20
Trichloroethene	1	3.64	3.06	4	ND	91	76	60-140	17.4	20
Trichlorofluoromethane	1	3.59	3.00	4	ND	90	75	60-140	17.7	20
1,2,3-Trichloropropane	1	1.91	1.68	2	ND	95	84	60-140	12.8	20
1,2,4-Trimethylbenzene	1	4.80	4.10	4	ND	120	102	60-140	15.8	20

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Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/18/2021
Date Analyzed: 10/18/2021
Instrument: GC38
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231811
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231811
2110783-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,3,5-Trimethylbenzene	1	4.74	3.97	4	ND	119	99	60-140	17.7	20
Vinyl Chloride	1	2.09	1.72	2	ND	104	86	60-140	19.5	20
m,p-Xylene	1	7.56	6.42	8	ND	94	80	60-140	16.3	20
o-Xylene	1	3.87	3.28	4	ND	97	82	60-140	16.5	20
Surrogate Recovery										
Dibromofluoromethane	1	29.9	29.6	25		120	119	70-140	0.903	20
Toluene-d8	1	31.1	31.0	25		124	124	70-140	0.349	20
4-BFB	1	2.51	2.47	2.5		100	99	70-140	1.51	20

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CA ELAP 1644 • NELAP 4033ORELAP



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/19/2021
Date Analyzed: 10/19/2021
Instrument: GC28
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231885
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231885

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	6.30	40.0	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.130	0.500	-	-	-
Benzene	ND	0.120	0.200	-	-	-
Bromobenzene	ND	0.130	0.500	-	-	-
Bromochloromethane	ND	0.110	0.500	-	-	-
Bromodichloromethane	ND	0.0250	0.0500	-	-	-
Bromoform	ND	0.310	0.500	-	-	-
Bromomethane	ND	0.180	0.500	-	-	-
2-Butanone (MEK)	ND	1.50	5.00	-	-	-
t-Butyl alcohol (TBA)	ND	2.50	5.00	-	-	-
n-Butyl benzene	ND	0.230	0.500	-	-	-
sec-Butyl benzene	ND	0.170	0.500	-	-	-
tert-Butyl benzene	ND	0.130	0.500	-	-	-
Carbon Disulfide	ND	0.180	0.500	-	-	-
Carbon Tetrachloride	ND	0.0280	0.0500	-	-	-
Chlorobenzene	ND	0.110	0.500	-	-	-
Chloroethane	ND	0.200	0.500	-	-	-
Chloroform	ND	0.0910	0.100	-	-	-
Chloromethane	ND	0.280	0.500	-	-	-
2-Chlorotoluene	ND	0.230	0.500	-	-	-
4-Chlorotoluene	ND	0.120	0.500	-	-	-
Dibromochloromethane	ND	0.0260	0.150	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0100	0.0200	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0210	0.0400	-	-	-
Dibromomethane	ND	0.120	0.500	-	-	-
1,2-Dichlorobenzene	ND	0.160	0.500	-	-	-
1,3-Dichlorobenzene	ND	0.120	0.500	-	-	-
1,4-Dichlorobenzene	ND	0.0930	0.500	-	-	-
Dichlorodifluoromethane	ND	0.290	0.500	-	-	-
1,1-Dichloroethane	ND	0.150	0.500	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0110	0.0200	-	-	-
1,1-Dichloroethene	ND	0.00940	0.0100	-	-	-
cis-1,2-Dichloroethene	ND	0.0930	0.500	-	-	-
trans-1,2-Dichloroethene	ND	0.110	0.500	-	-	-
1,2-Dichloropropane	ND	0.0190	0.200	-	-	-
1,3-Dichloropropane	ND	0.170	0.500	-	-	-
2,2-Dichloropropane	ND	0.220	0.500	-	-	-
1,1-Dichloropropene	ND	0.0850	0.500	-	-	-

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Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/19/2021
Date Analyzed: 10/19/2021
Instrument: GC28
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231885
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231885

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.210	0.500	-	-	-
trans-1,3-Dichloropropene	ND	0.280	0.500	-	-	-
Diisopropyl ether (DIPE)	ND	0.120	0.500	-	-	-
Ethylbenzene	ND	0.140	0.500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.160	0.500	-	-	-
Freon 113	ND	0.130	0.500	-	-	-
Hexachlorobutadiene	ND	0.150	0.500	-	-	-
Hexachloroethane	ND	0.0590	0.200	-	-	-
2-Hexanone	ND	0.320	0.500	-	-	-
Isopropylbenzene	ND	0.160	0.500	-	-	-
4-Isopropyl toluene	ND	0.150	0.500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.160	0.500	-	-	-
Methylene chloride	ND	0.740	2.00	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.440	0.500	-	-	-
Naphthalene	ND	0.150	0.300	-	-	-
n-Propyl benzene	ND	0.120	0.500	-	-	-
Styrene	ND	0.280	2.00	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.160	0.500	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.0110	0.0200	-	-	-
Tetrachloroethene	ND	0.160	0.200	-	-	-
Toluene	ND	0.170	0.500	-	-	-
1,2,3-Trichlorobenzene	ND	0.240	0.500	-	-	-
1,2,4-Trichlorobenzene	ND	0.220	0.500	-	-	-
1,1,1-Trichloroethane	ND	0.110	0.500	-	-	-
1,1,2-Trichloroethane	ND	0.110	0.200	-	-	-
Trichloroethene	ND	0.250	0.500	-	-	-
Trichlorofluoromethane	ND	0.140	0.500	-	-	-
1,2,3-Trichloropropane	ND	0.00450	0.00500	-	-	-
1,2,4-Trimethylbenzene	ND	0.180	0.500	-	-	-
1,3,5-Trimethylbenzene	ND	0.160	0.500	-	-	-
Vinyl Chloride	ND	0.00430	0.00500	-	-	-
m,p-Xylene	ND	0.250	0.500	-	-	-
o-Xylene	ND	0.130	0.500	-	-	-

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Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2110783
Date Prepared:	10/19/2021	BatchID:	231885
Date Analyzed:	10/19/2021	Extraction Method:	SW5030B
Instrument:	GC28	Analytical Method:	SW8260B
Matrix:	Water	Unit:	µg/L
Project:	1353-062; 1571, 1581, 1593 Industrial Pway.	Sample ID:	MB/LCS/LCSD-231885

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	24.1			25	96	70-130
Toluene-d8	22.8			25	91	70-130
4-BFB	1.94			2.5	78	70-130



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/19/2021
Date Analyzed: 10/19/2021
Instrument: GC28
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231885
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231885

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	35.6	37.6	40	89	94	60-130	5.29	20
tert-Amyl methyl ether (TAME)	3.19	3.30	4	80	83	60-130	3.67	20
Benzene	3.54	3.72	4	89	93	60-130	4.96	20
Bromobenzene	3.31	3.49	4	83	87	60-130	5.42	20
Bromochloromethane	3.53	3.70	4	88	92	60-130	4.72	20
Bromodichloromethane	3.67	3.88	4	92	97	60-130	5.62	20
Bromoform	3.19	3.39	4	80	85	50-130	6.04	20
Bromomethane	4.07	4.20	4	102	105	50-130	3.06	20
2-Butanone (MEK)	13.8	14.8	16	86	92	60-130	6.64	20
t-Butyl alcohol (TBA)	13.3	14.7	16	83	92	50-130	10.0	20
n-Butyl benzene	4.03	4.27	4	101	107	60-130	5.66	20
sec-Butyl benzene	3.67	3.91	4	92	98	60-130	6.38	20
tert-Butyl benzene	3.43	3.60	4	86	90	60-130	4.72	20
Carbon Disulfide	3.89	4.12	4	97	103	60-130	5.72	20
Carbon Tetrachloride	3.85	4.04	4	96	101	60-130	4.85	20
Chlorobenzene	3.59	3.80	4	90	95	60-130	5.62	20
Chloroethane	4.65	5.02	4	116	126	60-140	7.87	20
Chloroform	3.90	4.12	4	98	103	60-130	5.49	20
Chloromethane	4.57	4.82	4	114	120	50-130	5.25	20
2-Chlorotoluene	3.52	3.67	4	88	92	60-130	4.14	20
4-Chlorotoluene	3.39	3.63	4	85	91	60-130	6.65	20
Dibromochloromethane	3.41	3.58	4	85	90	50-130	4.92	20
1,2-Dibromo-3-chloropropane	1.51	1.61	2	76	81	50-130	6.39	20
1,2-Dibromoethane (EDB)	1.85	1.96	2	92	98	60-130	5.87	20
Dibromomethane	3.46	3.76	4	87	94	60-130	8.36	20
1,2-Dichlorobenzene	3.47	3.70	4	87	92	60-130	6.45	20
1,3-Dichlorobenzene	3.56	3.69	4	89	92	60-130	3.63	20
1,4-Dichlorobenzene	3.57	3.70	4	89	93	60-130	3.73	20
Dichlorodifluoromethane	3.69	3.76	4	92	94	40-140	1.89	20
1,1-Dichloroethane	3.76	3.95	4	94	99	50-130	4.96	20
1,2-Dichloroethane (1,2-DCA)	3.58	3.78	4	89	95	60-130	5.71	20
1,1-Dichloroethene	3.60	3.80	4	90	95	60-130	5.46	20
cis-1,2-Dichloroethene	3.51	3.67	4	88	92	60-130	4.66	20
trans-1,2-Dichloroethene	3.52	3.74	4	88	94	60-130	5.93	20
1,2-Dichloropropane	3.74	3.94	4	93	99	60-130	5.35	20
1,3-Dichloropropane	3.41	3.76	4	85	94	60-130	9.99	20
2,2-Dichloropropane	3.65	3.82	4	91	95	60-130	4.53	20
1,1-Dichloropropene	3.65	3.82	4	91	96	60-130	4.66	20

(Cont.)



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/19/2021
Date Analyzed: 10/19/2021
Instrument: GC28
Matrix: Water
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231885
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-231885

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.58	3.73	4	89	93	60-130	4.34	20
trans-1,3-Dichloropropene	3.52	3.69	4	88	92	60-130	4.73	20
Diisopropyl ether (DIPE)	3.75	3.93	4	94	98	60-130	4.69	20
Ethylbenzene	3.66	3.84	4	92	96	60-130	4.83	20
Ethyl tert-butyl ether (ETBE)	3.29	3.39	4	82	85	60-130	2.91	20
Freon 113	3.60	3.82	4	90	96	60-130	5.98	20
Hexachlorobutadiene	3.36	3.59	4	84	90	60-130	6.36	20
Hexachloroethane	3.21	3.37	4	80	84	50-130	4.92	20
2-Hexanone	2.98	3.46	4	74	87	50-130	15.2	20
Isopropylbenzene	3.48	3.68	4	87	92	60-130	5.71	20
4-Isopropyl toluene	3.73	3.89	4	93	97	60-130	4.22	20
Methyl-t-butyl ether (MTBE)	3.08	3.14	4	77	78	60-130	1.98	20
Methylene chloride	3.37	3.58	4	84	89	50-130	6.07	20
4-Methyl-2-pentanone (MIBK)	3.20	3.45	4	80	86	50-130	7.57	20
Naphthalene	3.52	3.73	4	88	93	60-130	5.74	20
n-Propyl benzene	3.50	3.74	4	87	94	60-130	6.82	20
Styrene	3.38	3.54	4	85	89	60-130	4.63	20
1,1,1,2-Tetrachloroethane	3.40	3.55	4	85	89	60-130	4.32	20
1,1,2,2-Tetrachloroethane	3.30	3.52	4	83	88	60-130	6.34	20
Tetrachloroethene	3.44	3.60	4	86	90	60-130	4.58	20
Toluene	3.48	3.64	4	87	91	60-130	4.39	20
1,2,3-Trichlorobenzene	3.50	3.72	4	88	93	60-130	6.01	20
1,2,4-Trichlorobenzene	3.68	3.86	4	92	96	60-130	4.59	20
1,1,1-Trichloroethane	3.42	3.55	4	85	89	60-130	3.83	20
1,1,2-Trichloroethane	3.56	3.76	4	89	94	60-130	5.59	20
Trichloroethene	3.66	3.84	4	92	96	60-130	4.66	20
Trichlorofluoromethane	3.70	3.90	4	93	98	60-130	5.18	20
1,2,3-Trichloropropane	1.55	1.66	2	77	83	60-130	6.95	20
1,2,4-Trimethylbenzene	3.64	3.83	4	91	96	60-130	5.21	20
1,3,5-Trimethylbenzene	3.59	3.77	4	90	94	60-130	4.77	20
Vinyl Chloride	2.20	2.31	2	110	115	60-130	4.91	20
m,p-Xylene	7.12	7.56	8	89	94	60-130	5.98	20
o-Xylene	3.61	3.82	4	90	95	60-130	5.55	20

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2110783
Date Prepared:	10/19/2021	BatchID:	231885
Date Analyzed:	10/19/2021	Extraction Method:	SW5030B
Instrument:	GC28	Analytical Method:	SW8260B
Matrix:	Water	Unit:	µg/L
Project:	1353-062; 1571, 1581, 1593 Industrial Pway.	Sample ID:	MB/LCS/LCSD-231885

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	24.3	24.4	25	97	97	70-130	0.435	20
Toluene-d8	22.7	22.6	25	91	90	70-130	0.758	20
4-BFB	1.99	1.99	2.5	80	79	70-130	0.131	20



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/15/2021
Date Analyzed: 10/15/2021
Instrument: ICP-MS4
Matrix: Soil
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231645
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg
Sample ID: MB/LCS/LCSD-231645

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.160	0.500	-	-	-
Arsenic	ND	0.140	0.500	-	-	-
Barium	ND	0.680	5.00	-	-	-
Beryllium	ND	0.0830	0.500	-	-	-
Cadmium	ND	0.0940	0.500	-	-	-
Chromium	ND	0.130	0.500	-	-	-
Cobalt	ND	0.0690	0.500	-	-	-
Copper	ND	0.230	0.500	-	-	-
Lead	ND	0.0690	0.500	-	-	-
Mercury	ND	0.0380	0.0500	-	-	-
Molybdenum	ND	0.140	0.500	-	-	-
Nickel	ND	0.0810	0.500	-	-	-
Selenium	ND	0.320	0.500	-	-	-
Silver	ND	0.110	0.500	-	-	-
Thallium	ND	0.0720	0.500	-	-	-
Vanadium	ND	0.150	0.500	-	-	-
Zinc	ND	3.20	5.00	-	-	-
Surrogate Recovery						
Terbium	514			500	103	70-130



Quality Control Report

Client: Farallon Consulting

Date Prepared: 10/15/2021

Date Analyzed: 10/15/2021

Instrument: ICP-MS4

Matrix: Soil

Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783

BatchID: 231645

Extraction Method: SW3050B

Analytical Method: SW6020

Unit: mg/kg

Sample ID: MB/LCS/LCSD-231645

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	48.0	47.5	50	96	95	75-125	1.03	20
Arsenic	49.6	49.9	50	99	100	75-125	0.575	20
Barium	490	486	500	98	97	75-125	0.938	20
Beryllium	50.7	50.9	50	101	102	75-125	0.315	20
Cadmium	47.0	47.1	50	94	94	75-125	0.225	20
Chromium	47.8	47.7	50	96	95	75-125	0.178	20
Cobalt	48.7	48.9	50	97	98	75-125	0.279	20
Copper	49.3	48.8	50	99	98	75-125	1.20	20
Lead	46.5	46.1	50	93	92	75-125	0.724	20
Mercury	1.17	1.16	1.25	93	93	75-125	0.860	20
Molybdenum	48.1	47.7	50	96	95	75-125	0.697	20
Nickel	48.9	48.5	50	98	97	75-125	0.776	20
Selenium	50.2	49.4	50	100	99	75-125	1.67	20
Silver	46.6	46.4	50	93	93	75-125	0.434	20
Thallium	48.3	47.2	50	97	95	75-125	2.19	20
Vanadium	48.0	48.4	50	96	97	75-125	0.712	20
Zinc	490	486	500	98	97	75-125	0.858	20
Surrogate Recovery								
Terbium	521	514	500	104	103	70-130	1.49	20



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/14/2021
Date Analyzed: 10/14/2021 - 10/15/2021
Instrument: GC7
Matrix: Soil
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231605
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-231605

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.610	1.00	-	-	-
MTBE	ND	0.00340	0.0500	-	-	-
Benzene	ND	0.00190	0.00500	-	-	-
Toluene	ND	0.00240	0.00500	-	-	-
Ethylbenzene	ND	0.00170	0.00500	-	-	-
m,p-Xylene	ND	0.00260	0.0100	-	-	-
o-Xylene	ND	0.000910	0.00500	-	-	-

Surrogate Recovery

2-Fluorotoluene	0.0908			0.1	91	75-134
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.620	0.684	0.60	103	114	82-118	9.82	20
MTBE	0.109	0.104	0.10	109	104	61-119	4.14	20
Benzene	0.0954	0.102	0.10	95	102	77-128	7.02	20
Toluene	0.0967	0.107	0.10	97	107	74-132	10.2	20
Ethylbenzene	0.101	0.112	0.10	101	112	84-127	11.0	20
m,p-Xylene	0.206	0.233	0.20	103	116	80-120	12.0	20
o-Xylene	0.0992	0.111	0.10	99	111	80-120	11.5	20

Surrogate Recovery

2-Fluorotoluene	0.0853	0.0966	0.10	85	97	75-134	12.4	20
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Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/14/2021
Date Analyzed: 10/15/2021
Instrument: GC9b
Matrix: Soil
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

WorkOrder: 2110783
BatchID: 231647
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-231647

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.780	2.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.60	10.0	-	-	-
Surrogate Recovery						
C9	26.0			25	104	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	38.0	38.1	40	95	95	70-130	0.224	20
Surrogate Recovery								
C9	25.6	25.5	25	102	102	70-130	0.343	20



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2110783

ClientCode: FCOKC

☐ WaterTrax☐ CLIP☐ EDF☐ EQuIS☐ Dry-Weight☒ Email☐ HardCopy☐ ThirdParty☐ J-flag☐ Detection Summary☒ Excel [FormatA]

Report to:

Peter Sims
Farallon Consulting
330 Franklin Street, Ste. 200
Oakland, CA 94607
(510) 999-2142 FAX:

Email: psims@farallonconsulting.com
cc/3rd Party: saguilar@farallonconsulting.com;
PO:
Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

Bill to:

Accounts Payable
Farallon Consulting
975 5th Avenue Northwest
Issaquah, WA 98027
ap@farallonconsulting.com

Requested TAT: 3 days;

Date Received: 10/14/2021

Date Logged: 10/14/2021

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2110783-001	FGW-19	Water	10/13/2021 10:45	☐		A			A							
2110783-002	FGW-21	Water	10/12/2021 10:45	☐		A			A							
2110783-003	FGW-22	Water	10/13/2021 12:15	☐		A			A							
2110783-004	FGW-23	Water	10/13/2021 11:55	☐		A			A							
2110783-005	FGW-24	Water	10/12/2021 11:45	☐		A			A							
2110783-006	FGW-25	Water	10/12/2021 08:30	☐		A			A							
2110783-007	FGW-26	Water	10/13/2021 08:45	☐		A			A							
2110783-008	IDW-Soil-1	Soil	10/13/2021 15:00	☐	A		A	A	A	A						

Test Legend:

1	8260B_S
5	PRDisposal Fee
9	

2	8260B_W
6	TPH(DMO)_S
10	

3	CAM17MS_TTLC_S
7	
11	

4	G-MBTX_S
8	
12	

Project Manager: Rosa Venegas

Prepared by: Adrianna Cardoza

The following SampID: 008A contains testgroup Multi Range_S.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING

Client Contact: Peter Sims

Contact's Email: psims@farallonconsulting.com

Project: 1353-062; 1571, 1581, 1593 Industrial Pway.

Comments:

Work Order: 2110783

QC Level: LEVEL 2

Date Logged: 10/14/2021

☐ WaterTrax ☐ WriteOn ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
001A	FGW-19	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	☐	10/13/2021 10:45	3 days	10/19/2021	10%+	☐	
002A	FGW-21	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	☐	10/12/2021 10:45	3 days	10/19/2021	1%+	☐	
003A	FGW-22	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	☐	10/13/2021 12:15	3 days	10/19/2021	10%+	☐	
004A	FGW-23	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	☐	10/13/2021 11:55	3 days	10/19/2021	5%+	☐	
005A	FGW-24	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	☐	10/12/2021 11:45	3 days	10/19/2021	10%+	☐	
006A	FGW-25	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	☐	10/12/2021 8:30	3 days	10/19/2021	10%+	☐	
007A	FGW-26	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	☐	10/13/2021 8:45	3 days	10/19/2021	25%+	☐	
008A	IDW-Soil-1	Soil	Multi-Range TPH	2	16OZ GJ, Unpres	☐	☐	10/13/2021 15:00	3 days	10/19/2021		☐	
			SW6020 (CAM 17)			☐	☐		3 days	10/19/2021		☐	
			SW8260B (VOCs)			☐	☐		3 days	10/19/2021		☐	

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701

Telephone: (877) 252-9262 / Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush	2 Day Rush	3 Day Rush *	STD	Quote #
J-Flag / MDL	ESL	Cleanup Approved	Dry Weight	Bottle Order #
Delivery Format: PDF	X	GeoTracker EDF	EDD	Write On (DW)
				Detect Summary

Report To: Peter Sims Bill To: Farallon
 Company: Farallon Consulting
 Email: PSims@farallonconsulting.com
 Phone: 949-338-8317
 Project Name: 1571, 1581, 1593 Industrial Park Project #: 1353-062
 Project Location: Hayward, CA PO #
 Sampler Signature: [Signature]

Analysis Requested

SAMPLE ID Location / Field Point	Sampling		#Containers	Matrix	Preservative										
	Date	Time													
FGW-19	10/13/21	10:45	2	GW	HCL	X									
FGW-20	10/13/21	15:00	2	GW	HCL	X									
FGW-21	10/12/21	10:45	2	GW	HCL	X									
FGW-22	10/13/21	12:15	2	GW	HCL	X									
FGW-23	10/13/21	11:55	2	GW	HCL	X									
FGW-24	10/12/21	11:45	2	GW	HCL	X									
FGW-25	10/12/21	8:30	2	GW	HCL	X									
FGW-26	10/13/21	8:45	2	GW	HCL	X									
IDW-Soil-1	10/13/21	15:00	2	GW	HCL	X	X	X	X						

All clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
<u>[Signature]</u> Farallon	10/14/21	3:40	<u>[Signature]</u>	10/14	13:40
<u>[Signature]</u>	10/14	17:15		10-14-21	17:15

Comments / Instructions

*changed to a 3 day Rush per Peter's email 10/18/21 CDB

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCL 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 7.6 °C

Initials [Signature]

*TPH (D, Mo, G) and Cam17 metals needed.

Confirmed by Peter by Phone * - A 10-14-21



Sample Receipt Checklist

Client Name: **Farallon Consulting**
Project: **1353-062; 1571, 1581, 1593 Industrial Pway.**
WorkOrder No: **2110783** Matrix: Soil/Water
Carrier: Laurie Moore (MAI Courier)

Date and Time Received: **10/14/2021 17:15**
Date Logged: **10/14/2021**
Received by: **Adrianna Cardoza**
Logged by: **Adrianna Cardoza**

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☒	No ☐	NA ☐
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 2.6°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☒

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2110868

Report Created for: Farallon Consulting

330 Franklin Street, Ste. 200
Oakland, CA 94607

Project Contact: Peter Sims

Project P.O.:

Project: 1353-062; 1571,1581,1593 Industrial

Project Received: 10/15/2021

Analytical Report reviewed & approved for release on 10/19/2021 by:

Christine Askari
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.





Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1353-062; 1571,1581,1593 Industrial
WorkOrder: 2110868

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Farallon Consulting
Project: 1353-062; 1571,1581,1593 Industrial
WorkOrder: 2110868

Analytical Qualifiers

S Surrogate recovery outside accepted recovery limits.
a2 Sample diluted due to cluttered chromatogram.
a3 Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.
c2 Surrogate recovery outside of the control limits due to matrix interference.

Quality Control Qualifiers

F2 LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.



Case Narrative

Client: Farallon Consulting
Project: 1353-062; 1571,1581,1593 Industrial

Work Order: 2110868
October 19, 2021

TO-15 ANALYSIS

All summa canisters are EVACUATED 5 days after the reporting of the results. Please call or email if a longer retention time is required.



Case Narrative

Client: Farallon Consulting
Project: 1353-062; 1571,1581,1593 Industrial

Work Order: 2110868
October 19, 2021

Qualitative Leak Check compound narrative for TO15 analysis:

1,1-Difluoroethane is not a formal method analyte, and does not have a calibration curve relating response to concentration. Therefore, an estimated concentration must be based on a calibrated compound response. Typically, the chosen proxy compound has similar chemical properties and similar retention times.

For Work Order 2110868, the value for 1,1-Difluoroethane is estimated value based on the dichlorodifluoromethane calibration. Although they do not share identical chemical properties, dichlorodifluoromethane has been chosen because it is the lightest fluorinated compound on the list of calibrated analytes, and has the same chromatographic retention time as 1,1-Difluoroethane.



Summary of Sample Pressure Report

Lab ID	Canister ID	Lab Prep Vacuum (psia)	Field Initial Vacuum (inHg)	Field Final Vacuum (inHg)	Lab Received Vacuum (psia)	Lab Received Vacuum (inHg)	Lab Final Vacuum / Pressure (psia)
2110868-001A	1210-2543	0.23	-29	-5	14.42	-0.57	28.77
2110868-002A	0873-2501	0.25	-29	-5	13.85	-1.73	27.63
2110868-003A	1955-2586	0.26	-30	-5	13.62	-2.20	27.14
2110868-004A	1949-2580	0.25	-30	-5	13.48	-2.48	26.89
2110868-005A	1952-2583	0.23	-30	-5	13.67	-2.10	27.26
2110868-006A	0880-2508	0.27	-27	-5	12.33	-4.83	24.61
2110868-007A	1956-2587	0.23	-30	-5	12.9	-3.66	25.74
2110868-008A	0897-2525	0.24	-29	-5	13.24	-2.97	26.42



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Leak Check Compound

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-19-5.0	2110868-001A	SoilGas	10/15/2021 09:53	GC29 10182129.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.42	28.77	AK

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	ND	28	1	10/19/2021 12:34
Surrogates	REC (%)	Limits		
1,2-DCA-d4	93	70-130		10/19/2021 12:34

FSG-20-5.0	2110868-002A	SoilGas	10/15/2021 11:26	GC29 10182114.D	231867
------------	--------------	---------	------------------	-----------------	--------

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.85	27.63	AK

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	ND	28	1	10/19/2021 00:38
Surrogates	REC (%)	Limits		
1,2-DCA-d4	95	70-130		10/19/2021 00:38

FSG-21-5.0	2110868-003A	SoilGas	10/15/2021 10:37	GC29 10182130.D	231867
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.62	27.14	AK

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	ND	28	1	10/19/2021 13:17
Surrogates	REC (%)	Limits		
1,2-DCA-d4	93	70-130		10/19/2021 13:17



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Leak Check Compound

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-22-5.0	2110868-004A	SoilGas	10/15/2021 09:30	GC29 10182115.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.48	26.89	AK

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	1200	280	10	10/19/2021 01:24
Surrogates	REC (%)	Limits		
1,2-DCA-d4	110	70-130		10/19/2021 01:24

FSG-23-5.0	2110868-005A	SoilGas	10/15/2021 11:07	GC29 10182122.D	231867
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.67	27.26	AK

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	ND	56	2	10/19/2021 06:46
Surrogates	REC (%)	Limits		
1,2-DCA-d4	112	70-130		10/19/2021 06:46

Analytical Comments: a2,a3

FSG-24-5.0	2110868-006A	SoilGas	10/15/2021 10:16	GC29 10182124.D	231867
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.33	24.61	AK

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	ND	28	1	10/19/2021 08:20
Surrogates	REC (%)	Limits		
1,2-DCA-d4	114	70-130		10/19/2021 08:20



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Leak Check Compound

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-25-5.0	2110868-007A	SoilGas	10/15/2021 09:03	GC29 10182127.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.90	25.74	AK

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	520	280	10	10/19/2021 10:42
Surrogates	REC (%)	Limits		
1,2-DCA-d4	110	70-130		10/19/2021 10:42

FSG-26-5.0	2110868-008A	SoilGas	10/15/2021 12:01	GC29 10182126.D	231867
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.24	26.42	AK

Analytes	Result	RL	DF	Date Analyzed
1,1-Difluoroethane as Dichlorodifluoromethane	ND	28	1	10/19/2021 09:54
Surrogates	REC (%)	Qualifiers	Limits	
1,2-DCA-d4	57	S	70-130	10/19/2021 09:54

Analytical Comments: c2



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-19-5.0	2110868-001A	SoilGas	10/15/2021 09:53	GC29 10182129.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.42	28.77	AK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	10/19/2021 12:34
Acrolein	ND	5.8	1	10/19/2021 12:34
Acrylonitrile	ND	1.1	1	10/19/2021 12:34
tert-Amyl methyl ether (TAME)	ND	2.1	1	10/19/2021 12:34
Benzene	4.7	1.6	1	10/19/2021 12:34
Benzyl chloride	ND	2.7	1	10/19/2021 12:34
Bromodichloromethane	ND	1.4	1	10/19/2021 12:34
Bromoform	ND	5.3	1	10/19/2021 12:34
Bromomethane	ND	1.9	1	10/19/2021 12:34
1,3-Butadiene	ND	1.1	1	10/19/2021 12:34
2-Butanone (MEK)	17	15	1	10/19/2021 12:34
t-Butyl alcohol (TBA)	ND	16	1	10/19/2021 12:34
Carbon Disulfide	7.0	1.6	1	10/19/2021 12:34
Carbon Tetrachloride	ND	1.3	1	10/19/2021 12:34
Chlorobenzene	ND	2.4	1	10/19/2021 12:34
Chloroethane	ND	1.3	1	10/19/2021 12:34
Chloroform	9.3	2.5	1	10/19/2021 12:34
Chloromethane	ND	1.0	1	10/19/2021 12:34
Cyclohexane	ND	18	1	10/19/2021 12:34
Dibromochloromethane	ND	4.4	1	10/19/2021 12:34
1,2-Dibromo-3-chloropropane	ND	0.12	1	10/19/2021 12:34
1,2-Dibromoethane (EDB)	ND	0.078	1	10/19/2021 12:34
1,2-Dichlorobenzene	ND	3.0	1	10/19/2021 12:34
1,3-Dichlorobenzene	ND	3.0	1	10/19/2021 12:34
1,4-Dichlorobenzene	ND	3.0	1	10/19/2021 12:34
Dichlorodifluoromethane	ND	2.5	1	10/19/2021 12:34
1,1-Dichloroethane	ND	2.0	1	10/19/2021 12:34
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	10/19/2021 12:34
1,1-Dichloroethene	ND	2.0	1	10/19/2021 12:34
cis-1,2-Dichloroethene	ND	2.0	1	10/19/2021 12:34
trans-1,2-Dichloroethene	ND	2.0	1	10/19/2021 12:34
1,2-Dichloropropane	ND	2.4	1	10/19/2021 12:34
cis-1,3-Dichloropropene	ND	2.3	1	10/19/2021 12:34
trans-1,3-Dichloropropene	ND	2.3	1	10/19/2021 12:34

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Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-19-5.0	2110868-001A	SoilGas	10/15/2021 09:53	GC29 10182129.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.42	28.77	AK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	10/19/2021 12:34
Diisopropyl ether (DIPE)	ND	2.1	1	10/19/2021 12:34
1,4-Dioxane	ND	1.9	1	10/19/2021 12:34
Ethanol	ND	95	1	10/19/2021 12:34
Ethyl acetate	ND	1.9	1	10/19/2021 12:34
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	10/19/2021 12:34
Ethylbenzene	12	2.2	1	10/19/2021 12:34
4-Ethyltoluene	6.9	2.5	1	10/19/2021 12:34
Freon 113	ND	3.9	1	10/19/2021 12:34
Heptane	ND	21	1	10/19/2021 12:34
Hexachlorobutadiene	ND	2.2	1	10/19/2021 12:34
Hexachloroethane	ND	4.9	1	10/19/2021 12:34
Hexane	ND	18	1	10/19/2021 12:34
2-Hexanone	ND	2.1	1	10/19/2021 12:34
4-Methyl-2-pentanone (MIBK)	8.3	2.1	1	10/19/2021 12:34
Methyl-t-butyl ether (MTBE)	ND	1.9	1	10/19/2021 12:34
Methylene chloride	ND	8.8	1	10/19/2021 12:34
Methyl methacrylate	ND	2.1	1	10/19/2021 12:34
Naphthalene	ND	2.7	1	10/19/2021 12:34
Styrene	ND	2.2	1	10/19/2021 12:34
1,1,1,2-Tetrachloroethane	ND	3.5	1	10/19/2021 12:34
1,1,2,2-Tetrachloroethane	ND	0.70	1	10/19/2021 12:34
Tetrachloroethene	ND	3.5	1	10/19/2021 12:34
Tetrahydrofuran	4.7	3.0	1	10/19/2021 12:34
Toluene	30	1.9	1	10/19/2021 12:34
1,2,4-Trichlorobenzene	ND	3.8	1	10/19/2021 12:34
1,1,1-Trichloroethane	ND	2.8	1	10/19/2021 12:34
1,1,2-Trichloroethane	ND	2.8	1	10/19/2021 12:34
Trichloroethene	ND	2.8	1	10/19/2021 12:34
1,2,3-Trichloropropane	ND	3.1	1	10/19/2021 12:34
Trichlorofluoromethane	ND	2.9	1	10/19/2021 12:34
1,2,4-Trimethylbenzene	29	2.5	1	10/19/2021 12:34
1,3,5-Trimethylbenzene	14	2.5	1	10/19/2021 12:34
Vinyl Acetate	ND	18	1	10/19/2021 12:34

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Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-19-5.0	2110868-001A	SoilGas	10/15/2021 09:53	GC29 10182129.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.42	28.77	AK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	10/19/2021 12:34
m,p-Xylene	49	4.4	1	10/19/2021 12:34
o-Xylene	14	2.2	1	10/19/2021 12:34
Xylenes, Total	63	2.2	1	10/19/2021 12:34
Surrogates	REC (%)	Limits		
1,2-DCA-d4	93	70-130		10/19/2021 12:34
Toluene-d8	97	70-130		10/19/2021 12:34
4-BFB	96	70-130		10/19/2021 12:34



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-20-5.0	2110868-002A	SoilGas	10/15/2021 11:26	GC29 10182114.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.85	27.63	AK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	10/19/2021 00:38
Acrolein	ND	5.8	1	10/19/2021 00:38
Acrylonitrile	ND	1.1	1	10/19/2021 00:38
tert-Amyl methyl ether (TAME)	ND	2.1	1	10/19/2021 00:38
Benzene	3.7	1.6	1	10/19/2021 00:38
Benzyl chloride	ND	2.7	1	10/19/2021 00:38
Bromodichloromethane	ND	1.4	1	10/19/2021 00:38
Bromoform	ND	5.3	1	10/19/2021 00:38
Bromomethane	ND	1.9	1	10/19/2021 00:38
1,3-Butadiene	ND	1.1	1	10/19/2021 00:38
2-Butanone (MEK)	ND	15	1	10/19/2021 00:38
t-Butyl alcohol (TBA)	ND	16	1	10/19/2021 00:38
Carbon Disulfide	6.6	1.6	1	10/19/2021 00:38
Carbon Tetrachloride	ND	1.3	1	10/19/2021 00:38
Chlorobenzene	ND	2.4	1	10/19/2021 00:38
Chloroethane	ND	1.3	1	10/19/2021 00:38
Chloroform	6.2	2.5	1	10/19/2021 00:38
Chloromethane	ND	1.0	1	10/19/2021 00:38
Cyclohexane	ND	18	1	10/19/2021 00:38
Dibromochloromethane	ND	4.4	1	10/19/2021 00:38
1,2-Dibromo-3-chloropropane	ND	0.12	1	10/19/2021 00:38
1,2-Dibromoethane (EDB)	ND	0.078	1	10/19/2021 00:38
1,2-Dichlorobenzene	ND	3.0	1	10/19/2021 00:38
1,3-Dichlorobenzene	ND	3.0	1	10/19/2021 00:38
1,4-Dichlorobenzene	ND	3.0	1	10/19/2021 00:38
Dichlorodifluoromethane	ND	2.5	1	10/19/2021 00:38
1,1-Dichloroethane	ND	2.0	1	10/19/2021 00:38
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	10/19/2021 00:38
1,1-Dichloroethene	ND	2.0	1	10/19/2021 00:38
cis-1,2-Dichloroethene	ND	2.0	1	10/19/2021 00:38
trans-1,2-Dichloroethene	ND	2.0	1	10/19/2021 00:38
1,2-Dichloropropane	ND	2.4	1	10/19/2021 00:38
cis-1,3-Dichloropropene	ND	2.3	1	10/19/2021 00:38
trans-1,3-Dichloropropene	ND	2.3	1	10/19/2021 00:38

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Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-20-5.0	2110868-002A	SoilGas	10/15/2021 11:26	GC29 10182114.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.85	27.63	AK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	10/19/2021 00:38
Diisopropyl ether (DIPE)	ND	2.1	1	10/19/2021 00:38
1,4-Dioxane	ND	1.9	1	10/19/2021 00:38
Ethanol	ND	95	1	10/19/2021 00:38
Ethyl acetate	ND	1.9	1	10/19/2021 00:38
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	10/19/2021 00:38
Ethylbenzene	22	2.2	1	10/19/2021 00:38
4-Ethyltoluene	13	2.5	1	10/19/2021 00:38
Freon 113	ND	3.9	1	10/19/2021 00:38
Heptane	ND	21	1	10/19/2021 00:38
Hexachlorobutadiene	ND	2.2	1	10/19/2021 00:38
Hexachloroethane	ND	4.9	1	10/19/2021 00:38
Hexane	ND	18	1	10/19/2021 00:38
2-Hexanone	ND	2.1	1	10/19/2021 00:38
4-Methyl-2-pentanone (MIBK)	9.1	2.1	1	10/19/2021 00:38
Methyl-t-butyl ether (MTBE)	ND	1.9	1	10/19/2021 00:38
Methylene chloride	ND	8.8	1	10/19/2021 00:38
Methyl methacrylate	ND	2.1	1	10/19/2021 00:38
Naphthalene	ND	2.7	1	10/19/2021 00:38
Styrene	4.3	2.2	1	10/19/2021 00:38
1,1,1,2-Tetrachloroethane	ND	3.5	1	10/19/2021 00:38
1,1,2,2-Tetrachloroethane	ND	0.70	1	10/19/2021 00:38
Tetrachloroethene	35	3.5	1	10/19/2021 00:38
Tetrahydrofuran	5.1	3.0	1	10/19/2021 00:38
Toluene	31	1.9	1	10/19/2021 00:38
1,2,4-Trichlorobenzene	ND	3.8	1	10/19/2021 00:38
1,1,1-Trichloroethane	ND	2.8	1	10/19/2021 00:38
1,1,2-Trichloroethane	ND	2.8	1	10/19/2021 00:38
Trichloroethene	ND	2.8	1	10/19/2021 00:38
1,2,3-Trichloropropane	ND	3.1	1	10/19/2021 00:38
Trichlorofluoromethane	ND	2.9	1	10/19/2021 00:38
1,2,4-Trimethylbenzene	41	2.5	1	10/19/2021 00:38
1,3,5-Trimethylbenzene	20	2.5	1	10/19/2021 00:38
Vinyl Acetate	ND	18	1	10/19/2021 00:38

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Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-20-5.0	2110868-002A	SoilGas	10/15/2021 11:26	GC29 10182114.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.85	27.63	AK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	10/19/2021 00:38
m,p-Xylene	94	4.4	1	10/19/2021 00:38
o-Xylene	28	2.2	1	10/19/2021 00:38
Xylenes, Total	120	2.2	1	10/19/2021 00:38

Surrogates	REC (%)	Limits	
1,2-DCA-d4	95	70-130	10/19/2021 00:38
Toluene-d8	99	70-130	10/19/2021 00:38
4-BFB	99	70-130	10/19/2021 00:38



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-21-5.0	2110868-003A	SoilGas	10/15/2021 10:37	GC29 10182130.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.62	27.14	AK

Analytes	Result	RL	DF	Date Analyzed
Acetone	100	60	1	10/19/2021 13:17
Acrolein	ND	5.8	1	10/19/2021 13:17
Acrylonitrile	ND	1.1	1	10/19/2021 13:17
tert-Amyl methyl ether (TAME)	ND	2.1	1	10/19/2021 13:17
Benzene	9.1	1.6	1	10/19/2021 13:17
Benzyl chloride	ND	2.7	1	10/19/2021 13:17
Bromodichloromethane	ND	1.4	1	10/19/2021 13:17
Bromoform	ND	5.3	1	10/19/2021 13:17
Bromomethane	ND	1.9	1	10/19/2021 13:17
1,3-Butadiene	ND	1.1	1	10/19/2021 13:17
2-Butanone (MEK)	32	15	1	10/19/2021 13:17
t-Butyl alcohol (TBA)	ND	16	1	10/19/2021 13:17
Carbon Disulfide	80	1.6	1	10/19/2021 13:17
Carbon Tetrachloride	ND	1.3	1	10/19/2021 13:17
Chlorobenzene	ND	2.4	1	10/19/2021 13:17
Chloroethane	ND	1.3	1	10/19/2021 13:17
Chloroform	55	2.5	1	10/19/2021 13:17
Chloromethane	ND	1.0	1	10/19/2021 13:17
Cyclohexane	33	18	1	10/19/2021 13:17
Dibromochloromethane	ND	4.4	1	10/19/2021 13:17
1,2-Dibromo-3-chloropropane	ND	0.12	1	10/19/2021 13:17
1,2-Dibromoethane (EDB)	ND	0.078	1	10/19/2021 13:17
1,2-Dichlorobenzene	ND	3.0	1	10/19/2021 13:17
1,3-Dichlorobenzene	ND	3.0	1	10/19/2021 13:17
1,4-Dichlorobenzene	ND	3.0	1	10/19/2021 13:17
Dichlorodifluoromethane	ND	2.5	1	10/19/2021 13:17
1,1-Dichloroethane	ND	2.0	1	10/19/2021 13:17
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	10/19/2021 13:17
1,1-Dichloroethene	ND	2.0	1	10/19/2021 13:17
cis-1,2-Dichloroethene	ND	2.0	1	10/19/2021 13:17
trans-1,2-Dichloroethene	ND	2.0	1	10/19/2021 13:17
1,2-Dichloropropane	ND	2.4	1	10/19/2021 13:17
cis-1,3-Dichloropropene	ND	2.3	1	10/19/2021 13:17
trans-1,3-Dichloropropene	ND	2.3	1	10/19/2021 13:17

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Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-21-5.0	2110868-003A	SoilGas	10/15/2021 10:37	GC29 10182130.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.62	27.14	AK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	10/19/2021 13:17
Diisopropyl ether (DIPE)	ND	2.1	1	10/19/2021 13:17
1,4-Dioxane	ND	1.9	1	10/19/2021 13:17
Ethanol	ND	95	1	10/19/2021 13:17
Ethyl acetate	ND	1.9	1	10/19/2021 13:17
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	10/19/2021 13:17
Ethylbenzene	28	2.2	1	10/19/2021 13:17
4-Ethyltoluene	16	2.5	1	10/19/2021 13:17
Freon 113	ND	3.9	1	10/19/2021 13:17
Heptane	26	21	1	10/19/2021 13:17
Hexachlorobutadiene	ND	2.2	1	10/19/2021 13:17
Hexachloroethane	ND	4.9	1	10/19/2021 13:17
Hexane	ND	18	1	10/19/2021 13:17
2-Hexanone	3.5	2.1	1	10/19/2021 13:17
4-Methyl-2-pentanone (MIBK)	16	2.1	1	10/19/2021 13:17
Methyl-t-butyl ether (MTBE)	ND	1.9	1	10/19/2021 13:17
Methylene chloride	ND	8.8	1	10/19/2021 13:17
Methyl methacrylate	ND	2.1	1	10/19/2021 13:17
Naphthalene	ND	2.7	1	10/19/2021 13:17
Styrene	ND	2.2	1	10/19/2021 13:17
1,1,1,2-Tetrachloroethane	ND	3.5	1	10/19/2021 13:17
1,1,2,2-Tetrachloroethane	ND	0.70	1	10/19/2021 13:17
Tetrachloroethene	ND	3.5	1	10/19/2021 13:17
Tetrahydrofuran	ND	3.0	1	10/19/2021 13:17
Toluene	66	1.9	1	10/19/2021 13:17
1,2,4-Trichlorobenzene	ND	3.8	1	10/19/2021 13:17
1,1,1-Trichloroethane	ND	2.8	1	10/19/2021 13:17
1,1,2-Trichloroethane	ND	2.8	1	10/19/2021 13:17
Trichloroethene	ND	2.8	1	10/19/2021 13:17
1,2,3-Trichloropropane	ND	3.1	1	10/19/2021 13:17
Trichlorofluoromethane	ND	2.9	1	10/19/2021 13:17
1,2,4-Trimethylbenzene	68	2.5	1	10/19/2021 13:17
1,3,5-Trimethylbenzene	31	2.5	1	10/19/2021 13:17
Vinyl Acetate	ND	18	1	10/19/2021 13:17

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-21-5.0	2110868-003A	SoilGas	10/15/2021 10:37	GC29 10182130.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.62	27.14	AK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	10/19/2021 13:17
m,p-Xylene	120	4.4	1	10/19/2021 13:17
o-Xylene	34	2.2	1	10/19/2021 13:17
Xylenes, Total	150	2.2	1	10/19/2021 13:17
Surrogates	REC (%)	Limits		
1,2-DCA-d4	93	70-130		10/19/2021 13:17
Toluene-d8	96	70-130		10/19/2021 13:17
4-BFB	96	70-130		10/19/2021 13:17



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-22-5.0	2110868-004A	SoilGas	10/15/2021 09:30	GC29 10182116.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.48	26.89	AK

Analytes	Result	RL	DF	Date Analyzed
Acetone	72	60	1	10/19/2021 02:09
Acrolein	ND	5.8	1	10/19/2021 02:09
Acrylonitrile	ND	1.1	1	10/19/2021 02:09
tert-Amyl methyl ether (TAME)	ND	2.1	1	10/19/2021 02:09
Benzene	5.1	1.6	1	10/19/2021 02:09
Benzyl chloride	ND	2.7	1	10/19/2021 02:09
Bromodichloromethane	ND	1.4	1	10/19/2021 02:09
Bromoform	ND	5.3	1	10/19/2021 02:09
Bromomethane	ND	1.9	1	10/19/2021 02:09
1,3-Butadiene	ND	1.1	1	10/19/2021 02:09
2-Butanone (MEK)	25	15	1	10/19/2021 02:09
t-Butyl alcohol (TBA)	ND	16	1	10/19/2021 02:09
Carbon Disulfide	75	1.6	1	10/19/2021 02:09
Carbon Tetrachloride	ND	1.3	1	10/19/2021 02:09
Chlorobenzene	ND	2.4	1	10/19/2021 02:09
Chloroethane	ND	1.3	1	10/19/2021 02:09
Chloroform	ND	2.5	1	10/19/2021 02:09
Chloromethane	ND	1.0	1	10/19/2021 02:09
Cyclohexane	99	18	1	10/19/2021 02:09
Dibromochloromethane	ND	4.4	1	10/19/2021 02:09
1,2-Dibromo-3-chloropropane	ND	0.12	1	10/19/2021 02:09
1,2-Dibromoethane (EDB)	ND	0.078	1	10/19/2021 02:09
1,2-Dichlorobenzene	ND	3.0	1	10/19/2021 02:09
1,3-Dichlorobenzene	ND	3.0	1	10/19/2021 02:09
1,4-Dichlorobenzene	ND	3.0	1	10/19/2021 02:09
Dichlorodifluoromethane	ND	2.5	1	10/19/2021 02:09
1,1-Dichloroethane	ND	2.0	1	10/19/2021 02:09
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	10/19/2021 02:09
1,1-Dichloroethene	ND	2.0	1	10/19/2021 02:09
cis-1,2-Dichloroethene	ND	2.0	1	10/19/2021 02:09
trans-1,2-Dichloroethene	ND	2.0	1	10/19/2021 02:09
1,2-Dichloropropane	ND	2.4	1	10/19/2021 02:09
cis-1,3-Dichloropropene	ND	2.3	1	10/19/2021 02:09
trans-1,3-Dichloropropene	ND	2.3	1	10/19/2021 02:09

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Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-22-5.0	2110868-004A	SoilGas	10/15/2021 09:30	GC29 10182116.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.48	26.89	AK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	10/19/2021 02:09
Diisopropyl ether (DIPE)	ND	2.1	1	10/19/2021 02:09
1,4-Dioxane	ND	1.9	1	10/19/2021 02:09
Ethanol	ND	95	1	10/19/2021 02:09
Ethyl acetate	ND	1.9	1	10/19/2021 02:09
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	10/19/2021 02:09
Ethylbenzene	13	2.2	1	10/19/2021 02:09
4-Ethyltoluene	8.0	2.5	1	10/19/2021 02:09
Freon 113	ND	3.9	1	10/19/2021 02:09
Heptane	31	21	1	10/19/2021 02:09
Hexachlorobutadiene	ND	2.2	1	10/19/2021 02:09
Hexachloroethane	ND	4.9	1	10/19/2021 02:09
Hexane	29	18	1	10/19/2021 02:09
2-Hexanone	ND	2.1	1	10/19/2021 02:09
4-Methyl-2-pentanone (MIBK)	13	2.1	1	10/19/2021 02:09
Methyl-t-butyl ether (MTBE)	ND	1.9	1	10/19/2021 02:09
Methylene chloride	ND	8.8	1	10/19/2021 02:09
Methyl methacrylate	ND	2.1	1	10/19/2021 02:09
Naphthalene	3.5	2.7	1	10/19/2021 02:09
Styrene	ND	2.2	1	10/19/2021 02:09
1,1,1,2-Tetrachloroethane	ND	3.5	1	10/19/2021 02:09
1,1,2,2-Tetrachloroethane	ND	0.70	1	10/19/2021 02:09
Tetrachloroethene	ND	3.5	1	10/19/2021 02:09
Tetrahydrofuran	ND	3.0	1	10/19/2021 02:09
Toluene	30	1.9	1	10/19/2021 02:09
1,2,4-Trichlorobenzene	ND	3.8	1	10/19/2021 02:09
1,1,1-Trichloroethane	ND	2.8	1	10/19/2021 02:09
1,1,2-Trichloroethane	ND	2.8	1	10/19/2021 02:09
Trichloroethene	ND	2.8	1	10/19/2021 02:09
1,2,3-Trichloropropane	ND	3.1	1	10/19/2021 02:09
Trichlorofluoromethane	ND	2.9	1	10/19/2021 02:09
1,2,4-Trimethylbenzene	40	2.5	1	10/19/2021 02:09
1,3,5-Trimethylbenzene	15	2.5	1	10/19/2021 02:09
Vinyl Acetate	ND	18	1	10/19/2021 02:09

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Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-22-5.0	2110868-004A	SoilGas	10/15/2021 09:30	GC29 10182116.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.48	26.89	AK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	10/19/2021 02:09
m,p-Xylene	55	4.4	1	10/19/2021 02:09
o-Xylene	18	2.2	1	10/19/2021 02:09
Xylenes, Total	73	2.2	1	10/19/2021 02:09
Surrogates	REC (%)	Limits		
1,2-DCA-d4	112	70-130		10/19/2021 02:09
Toluene-d8	98	70-130		10/19/2021 02:09
4-BFB	106	70-130		10/19/2021 02:09



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-23-5.0	2110868-005A	SoilGas	10/15/2021 11:07	GC29 10182122.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.67	27.26	AK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	120	2	10/19/2021 06:46
Acrolein	ND	12	2	10/19/2021 06:46
Acrylonitrile	3.5	2.2	2	10/19/2021 06:46
tert-Amyl methyl ether (TAME)	ND	4.2	2	10/19/2021 06:46
Benzene	21	3.2	2	10/19/2021 06:46
Benzyl chloride	ND	5.4	2	10/19/2021 06:46
Bromodichloromethane	ND	2.8	2	10/19/2021 06:46
Bromoform	ND	11	2	10/19/2021 06:46
Bromomethane	ND	3.8	2	10/19/2021 06:46
1,3-Butadiene	ND	2.2	2	10/19/2021 06:46
2-Butanone (MEK)	35	30	2	10/19/2021 06:46
t-Butyl alcohol (TBA)	ND	32	2	10/19/2021 06:46
Carbon Disulfide	72	3.2	2	10/19/2021 06:46
Carbon Tetrachloride	ND	2.6	2	10/19/2021 06:46
Chlorobenzene	ND	4.8	2	10/19/2021 06:46
Chloroethane	ND	2.6	2	10/19/2021 06:46
Chloroform	ND	5.0	2	10/19/2021 06:46
Chloromethane	ND	2.0	2	10/19/2021 06:46
Cyclohexane	ND	36	2	10/19/2021 06:46
Dibromochloromethane	ND	8.8	2	10/19/2021 06:46
1,2-Dibromo-3-chloropropane	ND	0.24	2	10/19/2021 06:46
1,2-Dibromoethane (EDB)	ND	0.16	2	10/19/2021 06:46
1,2-Dichlorobenzene	ND	6.0	2	10/19/2021 06:46
1,3-Dichlorobenzene	ND	6.0	2	10/19/2021 06:46
1,4-Dichlorobenzene	ND	6.0	2	10/19/2021 06:46
Dichlorodifluoromethane	ND	5.0	2	10/19/2021 06:46
1,1-Dichloroethane	ND	4.0	2	10/19/2021 06:46
1,2-Dichloroethane (1,2-DCA)	ND	4.0	2	10/19/2021 06:46
1,1-Dichloroethene	ND	4.0	2	10/19/2021 06:46
cis-1,2-Dichloroethene	ND	4.0	2	10/19/2021 06:46
trans-1,2-Dichloroethene	ND	4.0	2	10/19/2021 06:46
1,2-Dichloropropane	ND	4.8	2	10/19/2021 06:46
cis-1,3-Dichloropropene	ND	4.6	2	10/19/2021 06:46
trans-1,3-Dichloropropene	ND	4.6	2	10/19/2021 06:46

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-23-5.0	2110868-005A	SoilGas	10/15/2021 11:07	GC29 10182122.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.67	27.26	AK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	7.2	2	10/19/2021 06:46
Diisopropyl ether (DIPE)	ND	4.2	2	10/19/2021 06:46
1,4-Dioxane	ND	3.8	2	10/19/2021 06:46
Ethanol	ND	190	2	10/19/2021 06:46
Ethyl acetate	ND	3.8	2	10/19/2021 06:46
Ethyl tert-butyl ether (ETBE)	ND	4.2	2	10/19/2021 06:46
Ethylbenzene	20	4.4	2	10/19/2021 06:46
4-Ethyltoluene	12	5.0	2	10/19/2021 06:46
Freon 113	ND	7.8	2	10/19/2021 06:46
Heptane	ND	42	2	10/19/2021 06:46
Hexachlorobutadiene	ND	4.4	2	10/19/2021 06:46
Hexachloroethane	ND	9.8	2	10/19/2021 06:46
Hexane	ND	36	2	10/19/2021 06:46
2-Hexanone	ND	4.2	2	10/19/2021 06:46
4-Methyl-2-pentanone (MIBK)	14	4.2	2	10/19/2021 06:46
Methyl-t-butyl ether (MTBE)	ND	3.8	2	10/19/2021 06:46
Methylene chloride	ND	18	2	10/19/2021 06:46
Methyl methacrylate	ND	4.2	2	10/19/2021 06:46
Naphthalene	ND	5.4	2	10/19/2021 06:46
Styrene	ND	4.4	2	10/19/2021 06:46
1,1,1,2-Tetrachloroethane	ND	7.0	2	10/19/2021 06:46
1,1,2,2-Tetrachloroethane	ND	1.4	2	10/19/2021 06:46
Tetrachloroethene	ND	7.0	2	10/19/2021 06:46
Tetrahydrofuran	ND	6.0	2	10/19/2021 06:46
Toluene	42	3.8	2	10/19/2021 06:46
1,2,4-Trichlorobenzene	ND	7.6	2	10/19/2021 06:46
1,1,1-Trichloroethane	ND	5.6	2	10/19/2021 06:46
1,1,2-Trichloroethane	ND	5.6	2	10/19/2021 06:46
Trichloroethene	ND	5.6	2	10/19/2021 06:46
1,2,3-Trichloropropane	ND	6.2	2	10/19/2021 06:46
Trichlorofluoromethane	ND	5.8	2	10/19/2021 06:46
1,2,4-Trimethylbenzene	56	5.0	2	10/19/2021 06:46
1,3,5-Trimethylbenzene	23	5.0	2	10/19/2021 06:46
Vinyl Acetate	ND	36	2	10/19/2021 06:46

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-23-5.0	2110868-005A	SoilGas	10/15/2021 11:07	GC29 10182122.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.67	27.26	AK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.52	2	10/19/2021 06:46
m,p-Xylene	80	8.8	2	10/19/2021 06:46
o-Xylene	27	4.4	2	10/19/2021 06:46
Xylenes, Total	110	4.4	2	10/19/2021 06:46

Surrogates	REC (%)	Limits	
1,2-DCA-d4	112	70-130	10/19/2021 06:46
Toluene-d8	100	70-130	10/19/2021 06:46
4-BFB	105	70-130	10/19/2021 06:46



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-24-5.0	2110868-006A	SoilGas	10/15/2021 10:16	GC29 10182124.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.33	24.61	AK

Analytes	Result	RL	DF	Date Analyzed
Acetone	140	60	1	10/19/2021 08:20
Acrolein	24	5.8	1	10/19/2021 08:20
Acrylonitrile	ND	1.1	1	10/19/2021 08:20
tert-Amyl methyl ether (TAME)	ND	2.1	1	10/19/2021 08:20
Benzene	25	1.6	1	10/19/2021 08:20
Benzyl chloride	ND	2.7	1	10/19/2021 08:20
Bromodichloromethane	ND	1.4	1	10/19/2021 08:20
Bromoform	ND	5.3	1	10/19/2021 08:20
Bromomethane	ND	1.9	1	10/19/2021 08:20
1,3-Butadiene	ND	1.1	1	10/19/2021 08:20
2-Butanone (MEK)	58	15	1	10/19/2021 08:20
t-Butyl alcohol (TBA)	ND	16	1	10/19/2021 08:20
Carbon Disulfide	68	1.6	1	10/19/2021 08:20
Carbon Tetrachloride	ND	1.3	1	10/19/2021 08:20
Chlorobenzene	ND	2.4	1	10/19/2021 08:20
Chloroethane	ND	1.3	1	10/19/2021 08:20
Chloroform	ND	2.5	1	10/19/2021 08:20
Chloromethane	ND	1.0	1	10/19/2021 08:20
Cyclohexane	110	18	1	10/19/2021 08:20
Dibromochloromethane	ND	4.4	1	10/19/2021 08:20
1,2-Dibromo-3-chloropropane	ND	0.12	1	10/19/2021 08:20
1,2-Dibromoethane (EDB)	ND	0.078	1	10/19/2021 08:20
1,2-Dichlorobenzene	ND	3.0	1	10/19/2021 08:20
1,3-Dichlorobenzene	ND	3.0	1	10/19/2021 08:20
1,4-Dichlorobenzene	ND	3.0	1	10/19/2021 08:20
Dichlorodifluoromethane	ND	2.5	1	10/19/2021 08:20
1,1-Dichloroethane	ND	2.0	1	10/19/2021 08:20
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	10/19/2021 08:20
1,1-Dichloroethene	ND	2.0	1	10/19/2021 08:20
cis-1,2-Dichloroethene	9.2	2.0	1	10/19/2021 08:20
trans-1,2-Dichloroethene	ND	2.0	1	10/19/2021 08:20
1,2-Dichloropropane	ND	2.4	1	10/19/2021 08:20
cis-1,3-Dichloropropene	ND	2.3	1	10/19/2021 08:20
trans-1,3-Dichloropropene	ND	2.3	1	10/19/2021 08:20

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Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-24-5.0	2110868-006A	SoilGas	10/15/2021 10:16	GC29 10182124.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.33	24.61	AK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	10/19/2021 08:20
Diisopropyl ether (DIPE)	ND	2.1	1	10/19/2021 08:20
1,4-Dioxane	ND	1.9	1	10/19/2021 08:20
Ethanol	ND	95	1	10/19/2021 08:20
Ethyl acetate	ND	1.9	1	10/19/2021 08:20
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	10/19/2021 08:20
Ethylbenzene	13	2.2	1	10/19/2021 08:20
4-Ethyltoluene	11	2.5	1	10/19/2021 08:20
Freon 113	ND	3.9	1	10/19/2021 08:20
Heptane	ND	21	1	10/19/2021 08:20
Hexachlorobutadiene	ND	2.2	1	10/19/2021 08:20
Hexachloroethane	ND	4.9	1	10/19/2021 08:20
Hexane	30	18	1	10/19/2021 08:20
2-Hexanone	ND	2.1	1	10/19/2021 08:20
4-Methyl-2-pentanone (MIBK)	23	2.1	1	10/19/2021 08:20
Methyl-t-butyl ether (MTBE)	ND	1.9	1	10/19/2021 08:20
Methylene chloride	ND	8.8	1	10/19/2021 08:20
Methyl methacrylate	ND	2.1	1	10/19/2021 08:20
Naphthalene	5.7	2.7	1	10/19/2021 08:20
Styrene	ND	2.2	1	10/19/2021 08:20
1,1,1,2-Tetrachloroethane	ND	3.5	1	10/19/2021 08:20
1,1,2,2-Tetrachloroethane	ND	0.70	1	10/19/2021 08:20
Tetrachloroethene	ND	3.5	1	10/19/2021 08:20
Tetrahydrofuran	ND	3.0	1	10/19/2021 08:20
Toluene	32	1.9	1	10/19/2021 08:20
1,2,4-Trichlorobenzene	ND	3.8	1	10/19/2021 08:20
1,1,1-Trichloroethane	ND	2.8	1	10/19/2021 08:20
1,1,2-Trichloroethane	ND	2.8	1	10/19/2021 08:20
Trichloroethene	ND	2.8	1	10/19/2021 08:20
1,2,3-Trichloropropane	ND	3.1	1	10/19/2021 08:20
Trichlorofluoromethane	ND	2.9	1	10/19/2021 08:20
1,2,4-Trimethylbenzene	52	2.5	1	10/19/2021 08:20
1,3,5-Trimethylbenzene	19	2.5	1	10/19/2021 08:20
Vinyl Acetate	ND	18	1	10/19/2021 08:20

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-24-5.0	2110868-006A	SoilGas	10/15/2021 10:16	GC29 10182124.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.33	24.61	AK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	0.49	0.26	1	10/19/2021 08:20
m,p-Xylene	55	4.4	1	10/19/2021 08:20
o-Xylene	17	2.2	1	10/19/2021 08:20
Xylenes, Total	72	2.2	1	10/19/2021 08:20
Surrogates	REC (%)	Limits		
1,2-DCA-d4	114	70-130		10/19/2021 08:20
Toluene-d8	100	70-130		10/19/2021 08:20
4-BFB	105	70-130		10/19/2021 08:20



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-25-5.0	2110868-007A	SoilGas	10/15/2021 09:03	GC29 10182128.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.90	25.74	AK

Analytes	Result	RL	DF	Date Analyzed
Acetone	150	60	1	10/19/2021 11:51
Acrolein	ND	5.8	1	10/19/2021 11:51
Acrylonitrile	1.6	1.1	1	10/19/2021 11:51
tert-Amyl methyl ether (TAME)	ND	2.1	1	10/19/2021 11:51
Benzene	32	1.6	1	10/19/2021 11:51
Benzyl chloride	ND	2.7	1	10/19/2021 11:51
Bromodichloromethane	ND	1.4	1	10/19/2021 11:51
Bromoform	ND	5.3	1	10/19/2021 11:51
Bromomethane	ND	1.9	1	10/19/2021 11:51
1,3-Butadiene	ND	1.1	1	10/19/2021 11:51
2-Butanone (MEK)	62	15	1	10/19/2021 11:51
t-Butyl alcohol (TBA)	ND	16	1	10/19/2021 11:51
Carbon Disulfide	350	1.6	1	10/19/2021 11:51
Carbon Tetrachloride	ND	1.3	1	10/19/2021 11:51
Chlorobenzene	ND	2.4	1	10/19/2021 11:51
Chloroethane	ND	1.3	1	10/19/2021 11:51
Chloroform	69	2.5	1	10/19/2021 11:51
Chloromethane	ND	1.0	1	10/19/2021 11:51
Cyclohexane	ND	18	1	10/19/2021 11:51
Dibromochloromethane	ND	4.4	1	10/19/2021 11:51
1,2-Dibromo-3-chloropropane	ND	0.12	1	10/19/2021 11:51
1,2-Dibromoethane (EDB)	ND	0.078	1	10/19/2021 11:51
1,2-Dichlorobenzene	ND	3.0	1	10/19/2021 11:51
1,3-Dichlorobenzene	ND	3.0	1	10/19/2021 11:51
1,4-Dichlorobenzene	ND	3.0	1	10/19/2021 11:51
Dichlorodifluoromethane	ND	2.5	1	10/19/2021 11:51
1,1-Dichloroethane	ND	2.0	1	10/19/2021 11:51
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	10/19/2021 11:51
1,1-Dichloroethene	ND	2.0	1	10/19/2021 11:51
cis-1,2-Dichloroethene	ND	2.0	1	10/19/2021 11:51
trans-1,2-Dichloroethene	ND	2.0	1	10/19/2021 11:51
1,2-Dichloropropane	ND	2.4	1	10/19/2021 11:51
cis-1,3-Dichloropropene	ND	2.3	1	10/19/2021 11:51
trans-1,3-Dichloropropene	ND	2.3	1	10/19/2021 11:51

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Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-25-5.0	2110868-007A	SoilGas	10/15/2021 09:03	GC29 10182128.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.90	25.74	AK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	10/19/2021 11:51
Diisopropyl ether (DIPE)	ND	2.1	1	10/19/2021 11:51
1,4-Dioxane	ND	1.9	1	10/19/2021 11:51
Ethanol	ND	95	1	10/19/2021 11:51
Ethyl acetate	ND	1.9	1	10/19/2021 11:51
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	10/19/2021 11:51
Ethylbenzene	120	2.2	1	10/19/2021 11:51
4-Ethyltoluene	85	2.5	1	10/19/2021 11:51
Freon 113	ND	3.9	1	10/19/2021 11:51
Heptane	35	21	1	10/19/2021 11:51
Hexachlorobutadiene	ND	2.2	1	10/19/2021 11:51
Hexachloroethane	ND	4.9	1	10/19/2021 11:51
Hexane	ND	18	1	10/19/2021 11:51
2-Hexanone	ND	2.1	1	10/19/2021 11:51
4-Methyl-2-pentanone (MIBK)	55	2.1	1	10/19/2021 11:51
Methyl-t-butyl ether (MTBE)	14	1.9	1	10/19/2021 11:51
Methylene chloride	ND	8.8	1	10/19/2021 11:51
Methyl methacrylate	ND	2.1	1	10/19/2021 11:51
Naphthalene	6.5	2.7	1	10/19/2021 11:51
Styrene	ND	2.2	1	10/19/2021 11:51
1,1,1,2-Tetrachloroethane	ND	3.5	1	10/19/2021 11:51
1,1,2,2-Tetrachloroethane	ND	0.70	1	10/19/2021 11:51
Tetrachloroethene	ND	3.5	1	10/19/2021 11:51
Tetrahydrofuran	27	3.0	1	10/19/2021 11:51
Toluene	240	1.9	1	10/19/2021 11:51
1,2,4-Trichlorobenzene	ND	3.8	1	10/19/2021 11:51
1,1,1-Trichloroethane	ND	2.8	1	10/19/2021 11:51
1,1,2-Trichloroethane	ND	2.8	1	10/19/2021 11:51
Trichloroethene	ND	2.8	1	10/19/2021 11:51
1,2,3-Trichloropropane	ND	3.1	1	10/19/2021 11:51
Trichlorofluoromethane	ND	2.9	1	10/19/2021 11:51
1,2,4-Trimethylbenzene	300	2.5	1	10/19/2021 11:51
1,3,5-Trimethylbenzene	160	2.5	1	10/19/2021 11:51
Vinyl Acetate	ND	18	1	10/19/2021 11:51

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Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-25-5.0	2110868-007A	SoilGas	10/15/2021 09:03	GC29 10182128.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.90	25.74	AK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	10/19/2021 11:51
m,p-Xylene	470	4.4	1	10/19/2021 11:51
o-Xylene	130	2.2	1	10/19/2021 11:51
Xylenes, Total	600	2.2	1	10/19/2021 11:51

Surrogates	REC (%)	Limits	
1,2-DCA-d4	94	70-130	10/19/2021 11:51
Toluene-d8	97	70-130	10/19/2021 11:51
4-BFB	96	70-130	10/19/2021 11:51



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-26-5.0	2110868-008A	SoilGas	10/15/2021 12:01	GC29 10182126.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.24	26.42	AK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	10/19/2021 09:54
Acrolein	ND	5.8	1	10/19/2021 09:54
Acrylonitrile	ND	1.1	1	10/19/2021 09:54
tert-Amyl methyl ether (TAME)	ND	2.1	1	10/19/2021 09:54
Benzene	2.3	1.6	1	10/19/2021 09:54
Benzyl chloride	ND	2.7	1	10/19/2021 09:54
Bromodichloromethane	ND	1.4	1	10/19/2021 09:54
Bromoform	ND	5.3	1	10/19/2021 09:54
Bromomethane	ND	1.9	1	10/19/2021 09:54
1,3-Butadiene	ND	1.1	1	10/19/2021 09:54
2-Butanone (MEK)	ND	15	1	10/19/2021 09:54
t-Butyl alcohol (TBA)	ND	16	1	10/19/2021 09:54
Carbon Disulfide	2.7	1.6	1	10/19/2021 09:54
Carbon Tetrachloride	ND	1.3	1	10/19/2021 09:54
Chlorobenzene	ND	2.4	1	10/19/2021 09:54
Chloroethane	ND	1.3	1	10/19/2021 09:54
Chloroform	8.3	2.5	1	10/19/2021 09:54
Chloromethane	ND	1.0	1	10/19/2021 09:54
Cyclohexane	ND	18	1	10/19/2021 09:54
Dibromochloromethane	ND	4.4	1	10/19/2021 09:54
1,2-Dibromo-3-chloropropane	ND	0.12	1	10/19/2021 09:54
1,2-Dibromoethane (EDB)	ND	0.078	1	10/19/2021 09:54
1,2-Dichlorobenzene	ND	3.0	1	10/19/2021 09:54
1,3-Dichlorobenzene	ND	3.0	1	10/19/2021 09:54
1,4-Dichlorobenzene	ND	3.0	1	10/19/2021 09:54
Dichlorodifluoromethane	ND	2.5	1	10/19/2021 09:54
1,1-Dichloroethane	ND	2.0	1	10/19/2021 09:54
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	10/19/2021 09:54
1,1-Dichloroethene	ND	2.0	1	10/19/2021 09:54
cis-1,2-Dichloroethene	ND	2.0	1	10/19/2021 09:54
trans-1,2-Dichloroethene	ND	2.0	1	10/19/2021 09:54
1,2-Dichloropropane	ND	2.4	1	10/19/2021 09:54
cis-1,3-Dichloropropene	ND	2.3	1	10/19/2021 09:54
trans-1,3-Dichloropropene	ND	2.3	1	10/19/2021 09:54

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-26-5.0	2110868-008A	SoilGas	10/15/2021 12:01	GC29 10182126.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.24	26.42	AK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	10/19/2021 09:54
Diisopropyl ether (DIPE)	ND	2.1	1	10/19/2021 09:54
1,4-Dioxane	ND	1.9	1	10/19/2021 09:54
Ethanol	ND	95	1	10/19/2021 09:54
Ethyl acetate	ND	1.9	1	10/19/2021 09:54
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	10/19/2021 09:54
Ethylbenzene	13	2.2	1	10/19/2021 09:54
4-Ethyltoluene	9.4	2.5	1	10/19/2021 09:54
Freon 113	ND	3.9	1	10/19/2021 09:54
Heptane	ND	21	1	10/19/2021 09:54
Hexachlorobutadiene	ND	2.2	1	10/19/2021 09:54
Hexachloroethane	ND	4.9	1	10/19/2021 09:54
Hexane	ND	18	1	10/19/2021 09:54
2-Hexanone	ND	2.1	1	10/19/2021 09:54
4-Methyl-2-pentanone (MIBK)	4.0	2.1	1	10/19/2021 09:54
Methyl-t-butyl ether (MTBE)	ND	1.9	1	10/19/2021 09:54
Methylene chloride	ND	8.8	1	10/19/2021 09:54
Methyl methacrylate	ND	2.1	1	10/19/2021 09:54
Naphthalene	ND	2.7	1	10/19/2021 09:54
Styrene	ND	2.2	1	10/19/2021 09:54
1,1,1,2-Tetrachloroethane	ND	3.5	1	10/19/2021 09:54
1,1,2,2-Tetrachloroethane	ND	0.70	1	10/19/2021 09:54
Tetrachloroethene	5.4	3.5	1	10/19/2021 09:54
Tetrahydrofuran	ND	3.0	1	10/19/2021 09:54
Toluene	19	1.9	1	10/19/2021 09:54
1,2,4-Trichlorobenzene	ND	3.8	1	10/19/2021 09:54
1,1,1-Trichloroethane	ND	2.8	1	10/19/2021 09:54
1,1,2-Trichloroethane	ND	2.8	1	10/19/2021 09:54
Trichloroethene	ND	2.8	1	10/19/2021 09:54
1,2,3-Trichloropropane	ND	3.1	1	10/19/2021 09:54
Trichlorofluoromethane	ND	2.9	1	10/19/2021 09:54
1,2,4-Trimethylbenzene	44	2.5	1	10/19/2021 09:54
1,3,5-Trimethylbenzene	20	2.5	1	10/19/2021 09:54
Vinyl Acetate	ND	18	1	10/19/2021 09:54

(Cont.)



Analytical Report

Client: Farallon Consulting
Date Received: 10/15/2021 17:30
Date Prepared: 10/19/2021
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FSG-26-5.0	2110868-008A	SoilGas	10/15/2021 12:01	GC29 10182126.D	231867

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.24	26.42	AK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	10/19/2021 09:54
m,p-Xylene	56	4.4	1	10/19/2021 09:54
o-Xylene	18	2.2	1	10/19/2021 09:54
Xylenes, Total	74	2.2	1	10/19/2021 09:54

Surrogates	REC (%)	Qualifiers	Limits	
1,2-DCA-d4	57	S	70-130	10/19/2021 09:54
Toluene-d8	99		70-130	10/19/2021 09:54
4-BFB	103		70-130	10/19/2021 09:54

Analytical Comments: c2



Quality Control Report

Client: Farallon Consulting
Date Prepared: 10/18/2021
Date Analyzed: 10/18/2021
Instrument: GC29
Matrix: SoilGas
Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868
BatchID: 231867
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-231867

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	4.30	60.0	-	-	-
Acrolein	ND	1.10	5.80	-	-	-
Acrylonitrile	ND	0.660	1.10	-	-	-
tert-Amyl methyl ether (TAME)	ND	1.30	2.10	-	-	-
Benzene	ND	0.790	1.60	-	-	-
Benzyl chloride	ND	1.70	2.70	-	-	-
Bromodichloromethane	ND	0.130	1.40	-	-	-
Bromoform	ND	1.10	5.30	-	-	-
Bromomethane	ND	0.410	1.90	-	-	-
1,3-Butadiene	ND	0.980	1.10	-	-	-
2-Butanone (MEK)	ND	2.00	15.0	-	-	-
t-Butyl alcohol (TBA)	ND	1.90	16.0	-	-	-
Carbon Disulfide	ND	1.10	1.60	-	-	-
Carbon Tetrachloride	ND	0.190	1.30	-	-	-
Chlorobenzene	ND	0.590	2.40	-	-	-
Chloroethane	ND	0.350	1.30	-	-	-
Chloroform	ND	0.580	2.50	-	-	-
Chloromethane	ND	0.520	1.00	-	-	-
Cyclohexane	ND	1.60	18.0	-	-	-
Dibromochloromethane	ND	1.10	4.40	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0740	0.120	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0250	0.0780	-	-	-
1,2-Dichlorobenzene	ND	0.950	3.00	-	-	-
1,3-Dichlorobenzene	ND	0.940	3.00	-	-	-
1,4-Dichlorobenzene	ND	0.970	3.00	-	-	-
Dichlorodifluoromethane	ND	0.560	2.50	-	-	-
1,1-Dichloroethane	ND	0.500	2.00	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.580	2.00	-	-	-
1,1-Dichloroethene	ND	0.400	2.00	-	-	-
cis-1,2-Dichloroethene	ND	0.430	2.00	-	-	-
trans-1,2-Dichloroethene	ND	0.450	2.00	-	-	-
1,2-Dichloropropane	ND	0.590	2.40	-	-	-
cis-1,3-Dichloropropene	ND	0.710	2.30	-	-	-
trans-1,3-Dichloropropene	ND	0.860	2.30	-	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.80	3.60	-	-	-
Diisopropyl ether (DIPE)	ND	0.550	2.10	-	-	-
1,4-Dioxane	ND	0.710	1.90	-	-	-
Ethanol	ND	3.80	95.0	-	-	-

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Quality Control Report

Client: Farallon Consulting

Date Prepared: 10/18/2021

Date Analyzed: 10/18/2021

Instrument: GC29

Matrix: SoilGas

Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868

BatchID: 231867

Extraction Method: TO15

Analytical Method: TO15

Unit: µg/m³

Sample ID: MB/LCS/LCSD-231867

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Ethyl acetate	ND	0.630	1.90	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.680	2.10	-	-	-
Ethylbenzene	ND	0.510	2.20	-	-	-
4-Ethyltoluene	ND	0.610	2.50	-	-	-
Freon 113	ND	1.00	3.90	-	-	-
Heptane	ND	2.40	21.0	-	-	-
Hexachlorobutadiene	ND	0.380	2.20	-	-	-
Hexachloroethane	ND	2.70	4.90	-	-	-
Hexane	ND	2.20	18.0	-	-	-
2-Hexanone	ND	1.60	2.10	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.940	2.10	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.430	1.90	-	-	-
Methylene chloride	ND	0.820	8.80	-	-	-
Methyl methacrylate	ND	0.650	2.10	-	-	-
Naphthalene	ND	1.90	2.70	-	-	-
Styrene	ND	0.620	2.20	-	-	-
1,1,1,2-Tetrachloroethane	ND	1.20	3.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.100	0.700	-	-	-
Tetrachloroethene	ND	1.10	3.50	-	-	-
Tetrahydrofuran	ND	0.820	3.00	-	-	-
Toluene	ND	0.890	1.90	-	-	-
1,2,4-Trichlorobenzene	ND	2.70	3.80	-	-	-
1,1,1-Trichloroethane	ND	0.710	2.80	-	-	-
1,1,2-Trichloroethane	ND	0.850	2.80	-	-	-
Trichloroethene	ND	0.690	2.80	-	-	-
1,2,3-Trichloropropane	ND	0.890	3.10	-	-	-
Trichlorofluoromethane	ND	0.780	2.90	-	-	-
1,2,4-Trimethylbenzene	ND	1.20	2.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.730	2.50	-	-	-
Vinyl Acetate	ND	1.10	18.0	-	-	-
Vinyl Chloride	ND	0.140	0.260	-	-	-
m,p-Xylene	ND	1.10	4.40	-	-	-
o-Xylene	ND	0.390	2.20	-	-	-

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2110868
Date Prepared:	10/18/2021	BatchID:	231867
Date Analyzed:	10/18/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571,1581,1593 Industrial	Sample ID:	MB/LCS/LCSD-231867

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
1,2-DCA-d4	1110			1000	111	70-130
Toluene-d8	1000			1000	100	70-130
4-BFB	1000			1000	100	70-130



Quality Control Report

Client: Farallon Consulting

Date Prepared: 10/18/2021

Date Analyzed: 10/18/2021

Instrument: GC29

Matrix: SoilGas

Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868

BatchID: 231867

Extraction Method: TO15

Analytical Method: TO15

Unit: µg/m³

Sample ID: MB/LCS/LCSD-231867

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	12.0	11.9	12	100	99	60-140	0.785	25
Acrolein	10.8	10.9	11.6	93	94	60-140	1.14	25
Acrylonitrile	11.4	11.4	11	103	103	60-140	0.133	25
tert-Amyl methyl ether (TAME)	22.5	22.3	21	107	106	60-140	0.615	25
Benzene	14.9	14.8	16	93	93	60-140	0.621	25
Benzyl chloride	30.5	30.8	26.6	115	116	60-140	0.900	25
Bromodichloromethane	41.3	41.0	35	118	117	60-140	0.756	25
Bromoform	59.8	59.3	52.6	114	113	60-140	0.924	25
Bromomethane	21.7	21.5	19.6	111	110	60-140	0.734	25
1,3-Butadiene	11.6	12.6	11	105	114	60-140	8.60	25
2-Butanone (MEK)	15.5	15.5	15	103	103	60-140	0.0400	25
t-Butyl alcohol (TBA)	15.0	14.8	15.6	96	95	60-140	1.38	25
Carbon Disulfide	15.9	15.6	16	100	98	60-140	1.92	25
Carbon Tetrachloride	35.6	35.3	32	111	110	60-140	0.842	25
Chlorobenzene	24.5	24.3	23.6	104	103	60-140	0.953	25
Chloroethane	14.2	14.0	13.6	105	103	60-140	1.80	25
Chloroform	26.5	26.3	24.6	108	107	60-140	0.791	25
Chloromethane	10.4	10.6	10.6	98	100	60-140	2.23	25
Cyclohexane	17.2	17.0	17.6	98	96	60-140	1.50	25
Dibromochloromethane	52.0	51.5	43.6	119	118	60-140	0.819	25
1,2-Dibromo-3-chloropropane	57.7	57.2	49	118	117	60-140	0.987	25
1,2-Dibromoethane (EDB)	43.8	43.8	39	112	112	60-140	0.214	25
1,2-Dichlorobenzene	30.6	30.4	30.6	100	99	60-140	0.677	25
1,3-Dichlorobenzene	31.8	31.7	30.6	104	104	60-140	0.410	25
1,4-Dichlorobenzene	29.4	29.3	30.6	96	96	60-140	0.271	25
Dichlorodifluoromethane	28.8	28.3	25	115	113	60-140	1.98	25
1,1-Dichloroethane	21.4	21.0	20.6	104	102	60-140	1.68	25
1,2-Dichloroethane (1,2-DCA)	22.7	22.6	20.6	110	110	60-140	0.583	25
1,1-Dichloroethene	20.0	19.7	20	100	98	60-140	1.32	25
cis-1,2-Dichloroethene	20.5	20.3	20	103	102	60-140	0.916	25
trans-1,2-Dichloroethene	20.5	20.4	20	102	102	60-140	0.129	25
1,2-Dichloropropane	23.0	22.8	23.6	97	97	60-140	0.707	25
cis-1,3-Dichloropropene	24.2	24.2	23	105	105	60-140	0.287	25
trans-1,3-Dichloropropene	25.4	25.2	23	110	110	60-140	0.394	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	37.4	36.5	35.6	105	102	60-140	2.67	25
Diisopropyl ether (DIPE)	21.4	21.2	21	102	101	60-140	0.808	25
1,4-Dioxane	19.4	19.3	18.6	104	104	60-140	0.427	25
Ethanol	11.1	11.2	9.6	115	116	60-140	0.689	25

(Cont.)



Quality Control Report

Client: Farallon Consulting

Date Prepared: 10/18/2021

Date Analyzed: 10/18/2021

Instrument: GC29

Matrix: SoilGas

Project: 1353-062; 1571,1581,1593 Industrial

WorkOrder: 2110868

BatchID: 231867

Extraction Method: TO15

Analytical Method: TO15

Unit: µg/m³

Sample ID: MB/LCS/LCSD-231867

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ethyl acetate	19.0	19.0	18.6	102	102	60-140	0.0754	25
Ethyl tert-butyl ether (ETBE)	21.5	21.2	21	102	101	60-140	1.38	25
Ethylbenzene	24.1	24.1	22	109	109	60-140	0.0484	25
4-Ethyltoluene	26.8	26.6	25	107	106	60-140	0.999	25
Freon 113	39.4	38.8	39	101	100	60-140	1.35	25
Heptane	18.2	18.2	21	87	87	60-140	0.0671	25
Hexachlorobutadiene	57.5	56.9	54	107	105	60-140	1.04	25
Hexachloroethane	54.4	54.2	49.2	111	110	60-140	0.460	25
Hexane	17.6	17.3	18	98	96	60-140	1.84	25
2-Hexanone	22.5	22.0	21	107	105	60-140	2.27	25
4-Methyl-2-pentanone (MIBK)	19.6	19.7	21	93	94	60-140	0.356	25
Methyl-t-butyl ether (MTBE)	21.2	20.7	18.6	114	111	60-140	2.16	25
Methylene chloride	18.3	18.2	17.6	104	103	60-140	0.611	25
Methyl methacrylate	21.0	20.6	20.8	101	99	60-140	2.14	25
Naphthalene	29.0	28.6	26.5	109	108	60-140	1.13	25
Styrene	21.8	21.7	21.6	101	101	60-140	0.343	25
1,1,1,2-Tetrachloroethane	38.5	38.2	35	110	109	60-140	0.686	25
1,1,2,2-Tetrachloroethane	39.0	38.8	35	111	111	60-140	0.566	25
Tetrachloroethene	29.4	29.2	34.4	85	85	60-140	0.618	25
Tetrahydrofuran	14.6	14.4	15	97	96	60-140	1.40	25
Toluene	17.4	17.4	19	92	92	60-140	0.0476	25
1,2,4-Trichlorobenzene	33.8	33.2	37.6	90	88	60-140	1.63	25
1,1,1-Trichloroethane	30.3	30.1	27.6	110	109	60-140	0.654	25
1,1,2-Trichloroethane	32.2	32.1	27.6	117	116	60-140	0.363	25
Trichloroethene	25.3	25.0	27.6	92	91	60-140	1.12	25
1,2,3-Trichloropropane	31.4	31.1	30.64	103	101	60-140	1.12	25
Trichlorofluoromethane	30.3	29.7	28.6	106	104	60-140	2.06	25
1,2,4-Trimethylbenzene	26.6	26.4	25	107	106	60-140	0.782	25
1,3,5-Trimethylbenzene	24.2	23.9	25	97	96	60-140	1.16	25
Vinyl Acetate	18.7	18.4	18	104	102	60-140	1.56	25
Vinyl Chloride	15.8	16.8	13	122	129	60-140	5.94	25
m,p-Xylene	46.3	45.9	44	105	104	60-140	1.01	25
o-Xylene	22.8	22.7	22	104	103	60-140	0.236	25

(Cont.)



Quality Control Report

Client:	Farallon Consulting	WorkOrder:	2110868
Date Prepared:	10/18/2021	BatchID:	231867
Date Analyzed:	10/18/2021	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	1353-062; 1571,1581,1593 Industrial	Sample ID:	MB/LCS/LCSD-231867

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
1,2-DCA-d4	1120	1130	1000	112	113	70-130	0.106	25
Toluene-d8	1030	1030	1000	103	103	70-130	0.117	25
4-BFB	1050	1050	1000	105	105	70-130	0.174	25



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax

☐ CLIP

☐ EDF

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2110868

ClientCode: FCOKC

☐ EQuIS

☐ Dry-Weight

☐ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

☐ Detection Summary

☒ Excel [FormatA]

Report to:

Peter Sims
Farallon Consulting
330 Franklin Street, Ste. 200
Oakland, CA 94607
(510) 999-2142 FAX:

Email: psims@farallonconsulting.com
cc/3rd Party: sallin@farallonconsulting.com;
PO:
Project: 1353-062; 1571,1581,1593 Industrial

Bill to:

Accounts Payable
Farallon Consulting
975 5th Avenue Northwest
Issaquah, WA 98027
ap@farallonconsulting.com

Requested TAT: 5 days;

Date Received: 10/15/2021

Date Logged: 10/18/2021

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2110868-001	FSG-19-5.0	SoilGas	10/15/2021 09:53	☐	A	A										
2110868-002	FSG-20-5.0	SoilGas	10/15/2021 11:26	☐	A	A										
2110868-003	FSG-21-5.0	SoilGas	10/15/2021 10:37	☐	A	A										
2110868-004	FSG-22-5.0	SoilGas	10/15/2021 09:30	☐	A	A										
2110868-005	FSG-23-5.0	SoilGas	10/15/2021 11:07	☐	A	A										
2110868-006	FSG-24-5.0	SoilGas	10/15/2021 10:16	☐	A	A										
2110868-007	FSG-25-5.0	SoilGas	10/15/2021 09:03	☐	A	A										
2110868-008	FSG-26-5.0	SoilGas	10/15/2021 12:01	☐	A	A										

Test Legend:

1	TO15_Scan-SIM_SOIL(UG/M3)
5	
9	

2	TO15-LC_SOIL(UG/M3)
6	
10	

3	
7	
11	

4	
8	
12	

Project Manager: Jennifer Lagerbom

Prepared by: Tina Perez

The following SampleIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A contain testgroup TO15_SG(UG/M3).

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: FARALLON CONSULTING

Project: 1353-062; 1571,1581,1593 Industrial

Work Order: 2110868

Client Contact: Peter Sims

QC Level: LEVEL 2

Contact's Email: psims@farallonconsulting.com

Comments

Date Logged: 10/18/2021

☐ WaterTrax ☐ WriteOn ☐ EDF ☒ Excel ☐ EQUiS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
001A	FSG-19-5.0	SoilGas	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	☐	☐	10/15/2021 9:53	2 days	10/19/2021		☐	
002A	FSG-20-5.0	SoilGas	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	☐	☐	10/15/2021 11:26	2 days	10/19/2021		☐	
003A	FSG-21-5.0	SoilGas	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	☐	☐	10/15/2021 10:37	2 days	10/19/2021		☐	
004A	FSG-22-5.0	SoilGas	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	☐	☐	10/15/2021 9:30	2 days	10/19/2021		☐	
005A	FSG-23-5.0	SoilGas	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	☐	☐	10/15/2021 11:07	2 days	10/19/2021		☐	
006A	FSG-24-5.0	SoilGas	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	☐	☐	10/15/2021 10:16	2 days	10/19/2021		☐	
007A	FSG-25-5.0	SoilGas	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	☐	☐	10/15/2021 9:03	2 days	10/19/2021		☐	
008A	FSG-26-5.0	SoilGas	TO15 for Soil Vapor (Scan-SIM)	1	1L Summa	☐	☐	10/15/2021 12:01	2 days	10/19/2021		☐	

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701

Telephone: (877) 252-9262 / Fax: (925) 252-9269

www.mccampbell.com

main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush	☒ 2 Day Rush	☐ 3 Day Rush	☒ Quote #
J-Flag / MDL	ESL	Cleanup Approved	Dry Weight
Delivery Format: PDF	GeoTracker EDF	EDD	Write On (DW)
			Detect Summary

Report To: Peter Sims / Scott Allin Bill To:

Company: Farallon

Address:

Email: PSims@Farallonconsulting.com / SAllin@Farallon Tele:

Project Name: 1571, 1581, 1593 Industrial Project #: 1353-062

Project Location: PO #

Sampler Signature: [Signature]

Analysis Requested

SAMPLE ID			Sampling		#Containers	Pressure	Pressure	Multi Range as C Oil (8021/8015)	BTX & TPH as	TPH as Diesel (8(8 Silica Gel	TPH as Diesel (8(8 Silica Gel	Total Oil & Grease Silica Gel	Total Petroleum h Grease (1664 / 90 Silica Gel	Total Petroleum h With Silica Gel	EPA 505/ 608 / 808 PC	EPA 608 / 8082 PC	EPA 524.2 / 624 / 1 PC	EPA 525.2 / 625 / 1 PC	EPA 8270 SIM / 8 / 8 PC	CAM 17 Metals (2 PC	Metals (200.8 / 602 PC	Baylands Requiremen PC	Lab to filter sample analysis	TO-15	DFA	
ID	Location / Field Point	Crusher	Date	Time		Initial	Final																			
PSG-19-S.0	1210-2543	316-817	10/15/21	0953	SG	-29	-5																			
PSG-20-S.0	0873-2501	316-766		1126	SG	-29	-5																	X	X	
PSG-21-S.0	1955-2586	316-1398		1037	SG	-30	-5																	X	X	
PSG-22-S.0	1949-2580	316-673		0930	SG	-30	-5																	X	X	
PSG-23-S.0	1952-2583	316-1491		1107	SG	-30	-5																	X	X	
PSG-24-S.0	0880-2508	316-682		1016	SG	-27	-5																	X	X	
PSG-25-S.0	1956-2587	316-1333		0903	SG	-30	-5																	X	X	
PSG-26-S.0	0897-2525	316-762		1201	SG	-29	-5																	X	X	
																								X	X	

MAI clients MUST disclose any dangerous chemicals known to be present in their materials.

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
<u>[Signature]</u>	10/15/21	1330	<u>Peter Sims</u>	10/15/21	1330
<u>[Signature]</u>	10/15/21	3:30	<u>[Signature]</u>	10/15/21	15:30
<u>[Signature]</u>	10/15/21	1730	<u>[Signature]</u>	10/15/21	1730

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=ZnOAc/NaOH 7=None

Temp _____ °C Initials _____

Comments / Instructions

Soil Gas Samples
* 2 Day Rush per email.



Sample Receipt Checklist

Client Name: **Farallon Consulting**
Project: **1353-062; 1571,1581,1593 Industrial**
WorkOrder No: **2110868** Matrix: SoilGas
Carrier: Antonio Mason (MAI Courier)

Date and Time Received: **10/15/2021 17:30**
Date Logged: **10/18/2021**
Received by: **Tina Perez**
Logged by: **Tina Perez**

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☐	No ☒	

Sample/Temp Blank temperature	Temp:		NA ☒
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐	No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO ₃ : <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☒

Comments