Appendix E-2

Phase II Soil and Soil Vapor Investigation

Phase II Soil and Soil Vapor Investigation

Mission Tiki Drive-In Theatre and Related Sites
10798 Ramona Avenue (27.4 Acres)
Montclair, California 91763
Assessor's Parcel Numbers (APNs): 1012-151-20, -27, -28, -29 & 1012-161-01 through -05

Carlyle Realty VIII, LLC
The Carlyle Group
1001 Pennsylvania Avenue, N.W.
Washington, D.C. 20004

SCS ENGINEERS

Project No. 01219143.00 | July 2, 2019

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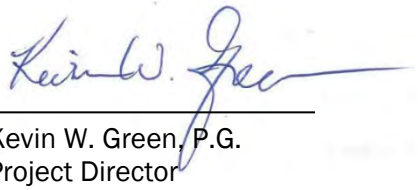
This Phase II Soil and Soil Vapor Investigation Report dated July 2, 2019 for the property located at 10798 Ramona Avenue, Montclair, California was prepared and reviewed by the following:

Justin Rauzon, R.E.P.A.
Project Manager
SCS ENGINEERS



Kevin W. Green, P.G.
Project Director
SCS ENGINEERS

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DISCLAIMER

This report has been prepared specifically for Carlyle Realty VIII, LLC with application to a soil and soil vapor investigation at 10798 Ramona Avenue, Montclair, California. The report has been prepared in accordance with the care and skill generally exercised by reputable professionals, under similar circumstances, in this or similar localities. No other warranty, express or implied, is made as to the professional opinions presented herein. No other party, known or unknown to SCS, is intended as a beneficiary of this work product, its content or information embedded therein. Third parties use this report at their own risk.

Changes in site conditions may occur due to variation in rainfall, temperature, water usage, or other factors. Additional information that was not available to the consultant at the time of this investigation or changes that may occur on the site or in the surrounding area may result in modification to the site that would impact the summary and recommendations presented herein. This report is not a legal opinion.

1 INTRODUCTION

SCS Engineers (SCS) was retained by Carlyle Realty VIII, LLC (Carlyle) to conduct a soil and soil vapor investigation at 10798 Ramona Avenue, Montclair, California (the "Property"). The Property is also associated with the addresses 4407 State Street, 4410 Mission Boulevard, and 4356 Mission Boulevard. Investigation activities were conducted in accordance with SCS' proposals dated January 14, 2019 and March 26, 2019 (Proposal Nos. 010030219 and 010284219). A location map for the Property is presented as **Figure 1**.

2 GENERAL BACKGROUND

SCS prepared a Phase I Environmental Site Assessment (Phase I ESA) of the Property, which is located on the western side of Ramona Avenue and is bounded to the north by State Street and to the south by Mission Boulevard. The Property encompasses approximately 27.4 acres and is currently developed primarily with a drive-in theatre with four movie screens and a large asphalt-paved parking lot. The large paved area is also used as a swap meet. A driveway extends north-south along the eastern side of the Property and wraps into the center of the paved parking lot. A two-story office building, a small restaurant/refreshment building, and a single-story storage building are located at the north-central portion of the Property. A concrete-paved area with the foundations of former buildings is located at the northwestern corner of the Property. Montclair Tire Company historically occupied a metal building located on a triangular-shaped area at the northeastern corner of the Property.

During the course of the Phase I ESA, SCS identified the following areas of environmental concern:

- The northwestern portion of the Property was historically associated with the address 4359 State Street. It is currently a mostly-paved area with former building floor slabs and some loading dock ramps used for the collection of solid waste generated during the drive-in and swap meet activities. There were historically six commercial buildings in this area that housed operations which included metal machining (including machine pits), chrome plating, painting, and a service station. Several rounds of environmental investigation were conducted between 1987 and 1990, with oversight provided by the San Bernardino County Department of Environmental Health Services (now functionally part of the San Bernardino County Fire Department [SBCFD]). A gasoline underground storage tank (UST) was removed in May 1988 and soil remediation was conducted at two machine pits and at a drum storage area in April 1990. While a 1994 Phase I ESA report provided to SCS noted that the investigations and remedial actions met regulatory agency requirements at that time, copies of the reports with the relevant analytical data were not provided to SCS for review. SCS requested to review San Bernardino County Fire Department (SBCFD) files for the known addresses associated with the Property, but the agency did not have copies of these old reports. Without access to the historical reports and associated data, SCS was unable to evaluate conditions compared to current regulatory standards, as required under Standards for Conducting All Appropriate Inquiry (including ASTM E1527-13). The available information suggested that past investigations focused only on the presence of petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs) in soil. There were no indications of testing for metals, including chromium that would have been used in chrome plating. Furthermore, it is unlikely that any sampling for VOCs in soil vapor would have been conducted in that era.

- A commercial building has been located at the northeastern corner of the Property (unknown address) since at least 1964. At the time of the site visit, it had a sign on the

exterior that read Montclair Tire Company. More than a dozen trucks are stored outside, but it did not appear to be occupied by an operating business recently. Two manhole covers on the southern side of the building appeared to be associated with a septic system or were otherwise sewer related. SCS was unable to inspect the interior of this building during the Phase I ESA, but the seller's broker took photos of the inside and provided them by email. The building has former service bays but does not reportedly have in-ground hydraulic lifts and was used as a support warehouse to Montclair Tire Company's other facilities. An individual who stores equipment and products sold at the swap meet currently rents it. The limited information about historical operations at the building was considered a significant data gap.

- An unknown commercial building was located at the southwestern corner of the Property between at least 1959 and 1966. Aerial photos showed that it was gone by 1975, when the drive-in theater was expanded to four theaters. SCS could find no information about the address or type of operation that existed at this portion of the Property. The address would have been approximately 4300-4400 Mission Boulevard. The seller's broker told SCS by phone that the area was possibly a mobile trailer sales office. The absence of information about this area of the Property constituted a significant data gap.

SCS understands that Carlyle intends to redevelop the Property with industrial warehouse buildings. Based on the results of the Phase I ESA, SCS recommended additional investigation of soil and soil vapor.

3 GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

PHYSIOGEOGRAPHIC SETTING

According to the U.S. Geological Survey (USGS), Ontario, California, 7.5-minute topographic maps, the Property is located in the upper Santa Ana Valley at an average elevation of approximately 915 feet above mean sea level (amsl). The Property slopes from the northeastern corner (with an estimated elevation of 921 amsl) towards the southeastern corner (with an estimated elevation of approximately 902 feet amsl. Regional topography is gently sloping, also with a slope toward the southwest. The San Gabriel Mountains are approximately 5.5 miles north of the Property and the San Antonio Creek Channel is located approximately 0.5 miles west of the Property.

GEOLOGY AND SOILS

According to the Dibblee Geologic Map of the San Dimas and Ontario Quadrangles (2002), the Property is underlain by Quaternary alluvial gravel and sand of valley areas. These surficial sediments consist of alluvial fan deposits composed of boulder gravel near the mountains, with finer gravel and sand grading outward. Underlying the Quaternary alluvium is unconsolidated Tertiary to Quaternary sediments and consolidated Tertiary sediments of continental origin. Silts and sand with some gravel were primarily encountered in borings to depths of 20 feet below ground surface (bgs) during this Phase II investigation.

HYDROGEOLOGY

The Property lies in the Upper Santa Ana Valley – Chino Subbasin. According to the information provided by the Chino Basin Water Master, the first regional aquifer in the area of the Property is approximately 200 to 300 feet bgs. Based on topography, groundwater is anticipated to flow towards the south-southwest. However, localized variations in groundwater flow direction may occur. Groundwater was not encountered in borings to 20 feet bgs during this Phase II investigation.

4 SITE INVESTIGATION AND ANALYTICAL RESULTS

The objectives of the Phase II investigation were to conduct soil vapor sampling to evaluate potential VOC releases that might represent a vapor intrusion concern to current or future buildings and to collect and analyze soil samples at areas of concern identified during the Phase I ESA. The first round of investigation activities was conducted March 5, 6, and 14, 2019. Additional soil vapor sampling was conducted June 11, 2019.

SUBSURFACE UTILITIES CLEARANCE

As required by law, SCS pre-marked the proposed sampling points and notified Underground Service Alert (DigAlert Ticket Nos. A190571325 and A191560534). Goldak Inc. of Glendale, California conducted a geophysical survey to clear boring locations of subsurface utilities and other potential obstructions prior to the investigation.

SOIL SAMPLE COLLECTION

Under the direction of SCS, H&P Mobile Geochemistry (H&P) of Carlsbad, California, conducted soil sampling using a truck-mounted direct-push drill rig. A total of 20 soil borings were drilled for the collection of soil samples.

A Google Earth aerial image showing the locations of the 19 soil borings at the northwestern portion of the Property is presented as **Figure 2**. An aerial image showing the location of one soil boring near the manhole covers on the southern side of the former Montclair Tire Building (northeastern portion of the Property) is presented as **Figure 3**. At each soil boring, H&P collected soil samples at depths of 1, 5, 10, 15, and/or 20 feet bgs. The sampling depths were informed by the reason for sampling at a given location (i.e., former UST, remedial excavation area, former in-ground lift, etc.). The direct-push rig was equipped with a hydraulic hammer and a 2-foot long, 1.75-inch diameter solid core sampler. A pointed steel tip was fixed to the head of the solid core samplers and driven to the desired depth on a steel rod. Soil matrix samples were collected by retracting the drive tip through the center of the sampler with an inner rod, and hydraulically hammering the sampler an additional 1.5 to 2 feet. Discrete soil samples were recovered in 2-foot long, 1-inch diameter, pre-cleaned, acetate sleeves that had been placed inside the sampler.

An approximately 6-inch section was cut from the sample sleeve and retained for submittal to the laboratory. The sample sleeve ends were covered with Teflon squares and sealed with plastic end caps. New nitrile gloves were used and frequently replaced in the handling of all soil samples to prevent cross-contamination. Boring logs summarizing the observations at each boring are provided in **Appendix A**. No signs of contamination (unusual discoloration, odor, etc.) were noted in the collected soil samples.

A portion of each soil sample intended for analysis of volatile organic compound (VOC) and gasoline-range total petroleum hydrocarbons (TPH) was preserved in the field using EPA Method 5035. This process includes the collection of three aliquots of soil from each soil sample using a plunger/sub-sampler provided by the laboratory. The three aliquots of soil were immediately placed in 40 milliliter VOA (volatile organic analysis) vials as follows – two aliquots in VOAs with a sodium bisulfate preservative and one VOA with a methanol preservative.

Sample sleeves and 5035 kits were labeled with the sample number, date of collection, and time of collection. Immediately following labeling, samples were placed in a chilled cooler to be submitted to American Environmental Testing Laboratory Inc. (AETL) of Burbank, California. Samples were tracked from the point of collection through the laboratory using proper chain-of-custody protocol. Samples were collected using generally accepted regulatory procedures.

AETL is certified under the State Water Resources Control Board (SWRCB) Environmental Laboratory Accreditation Program (ELAP) to conduct the specified analyses. Samples were tracked from the point of collection through the laboratory using proper chain-of-custody protocol.

SOIL ANALYTICAL RESULTS

The soil samples from each boring were selectively analyzed by AETL for TPH with carbon chain breakdown using EPA Method 8015M, VOCs using EPA Method 8260B, and/or metals using EPA Methods 6010B and 7471. The AETL laboratory reports, chain-of-custody documentation, and quality assurance/quality control (QA/QC) data are included as **Appendix B**. **Table 1** presents a summary of soil sample data for TPH and VOCs. **Table 2** presents a summary of soil sample data for metals.

As shown in **Table 1**, gasoline-range TPH was not detected in any of 49 soil samples selected for TPH analysis. Diesel-range TPH was detected in 4 of 49 soil samples at concentrations ranging from 1.57 to 44.9 milligrams per kilograms (mg/kg), equivalent to parts per million (ppm) and oil-range TPH was detected in 6 of 49 soil samples at concentrations ranging from 24.3 to 2,660 mg/kg. Two fuel-related VOCs, benzene and toluene, were each detected in 3 of 29 soil samples selected for this analysis, at estimated concentrations above the laboratory method detection limit (MDL), but below the laboratory practical quantification limit (PQL). These results are flagged on **Table 1** with a "J." The benzene concentrations ranged from 1.35 to 7.46 micrograms per liter (µg/kg), equivalent to parts per billion (ppb). The toluene concentrations ranged from 1.31 to 4.14 µg/kg.

As shown on **Table 2**, barium, chromium, cobalt, copper, lead, molybdenum, nickel, vanadium, and zinc were detected in one or more soil sample selected for metals analysis. With one exception, all metals concentrations detected were within the typical ranges found in California soils. Lead was detected in one soil sample (the one-foot sample at boring B7) at a concentration of 161 mg/kg, above the typical range for California soils.

SOIL VAPOR SAMPLING

On March 5 and 14, 2019, H&P also installed soil vapor probes at a depth of 5 feet bgs at 28 locations (SV1 through SV28). Soil vapor boring locations are shown on **Figures 4** through **6**.

Based on the results of this sampling, discussed below, additional soil vapor sampling was conducted on June 11, 2019. Kehoe Testing & Engineering, Inc. (Kehoe) of Huntington Beach, California installed 15-foot soil vapor probes at three previous sampling locations (SV23, SV24, and SV28), 5-foot soil vapor probes at three new locations (SV29, SV32, and SV34), and both 5- and 15-foot soil vapor probes at three new locations (SV30, SV33, and SV35).

Soil vapor probes were installed using a direct-push drill rig. At each location, a stainless steel rod was mechanically driven into subsurface soils to the target depth. The steel rod was then retracted and new (clean) 1/8 or 1/4-inch diameter Nylaflow tubing, with a polypropylene filter placed on the bottom end, was inserted to the desired depths (5 and/or 15 feet bgs). Clean #2/12 Monterey sand was placed in a 6-inch vertical interval around each filter. A bentonite seal was placed above the sand pack for each probe. The remaining annular space was then backfilled with bentonite and hydrated.

Soil vapor sampling was conducted in general accordance with the *Advisory – Active Soil Gas Investigations*, published by the Regional Water Quality Control Board and Department of Toxic Substance Control in July 2015 (the "Guidance"). Following a minimum of 30 minutes after being set, the probes were purged to remove ambient air from the sampling system and ensure that the collected soil vapor sample was representative of soil conditions. A purge of three volumes of the

system was used for all locations. In addition, prior to collecting samples into glass syringes, a leak-check compound (1,1-difluoroethane) was exposed at the surface.

A total of 45 soil vapor samples (including three replicate samples) were collected and analyzed for VOCs using Method H&P 8260SV, a modified version of EPA Method 8260B, in an on-site mobile laboratory provided by H&P. H&P is certified by the United States Department of Defense Environmental Laboratory Accreditation Program (DOD-ELAP) to conduct the specified analysis. Chain-of-custody documentation was completed to track the samples from the point of collection through analysis.

After all samples had been collected, the probes were removed and the top of the boreholes were patched to match surrounding surface material. No soil cuttings or water were generated during soil vapor assessment activities that required disposal.

SOIL VAPOR ANALYTICAL RESULTS

The H&P laboratory reports, chain-of-custody documentation and quality assurance/control (QA/QC) data are included as **Appendix C**. The analytical results are also presented in **Table 3**.

Leak-check compound was not detected in any of the soil vapor samples analyzed. As summarized in **Table 3**, VOCs were not detected in the probes analyzed on March 5, 2019. The samples analyzed on this day included four from the southwestern portion of the Property and five from the northeastern portion of the Property.

On March 14, 2019, trichloroethene (TCE) was detected in four samples at concentrations ranging from 0.09 to 1.0 micrograms per liter (µg/l) and m,p-xylene was detected at a concentration of 0.90 µg/l in one sample. TCE was detected in three probes (SV23, SV24, and both the primary and replicate samples at SV28) located at the central-eastern portion of the former commercial/industrial area located at the northwestern portion of the Property. The three samples in which TCE was detected were approximately 80-100 feet apart from one another. Based on the March 14, 2019 results and the spacing between the sample locations in which TCE was detected, the additional sampling was conducted on June 11, 2019.

TCE was not detected in any of the soil vapor probes on June 11, 2019, including in 15-foot soil vapor probes installed at the three locations at which TCE was previously detected at the 5-foot depth. Ethylbenzene (0.80 µg/l), o-xylene (0.89 µg/l), and m,p-xylene (3.0 µg/l) were detected in the 5-foot soil vapor sample from SV30, but not in the 15-foot sample from the same boring location. M,p-xylene was also detected in two other 5-foot soil vapor probes (SV33 and SV34) at concentrations of 0.52 and 0.75 µg/l, respectively.

5 REGULATORY LIMITS

TPH AND VOCS IN SOIL

There are no universal cleanup guidelines for TPH- and/or VOC-contaminated soils in California. Cleanup levels can vary based on a number of factors including the nature of the contamination, depth to groundwater, the beneficial uses of groundwater, soil type, human health risks (i.e., land use, residential vs. commercial/industrial scenarios), and regulatory oversight agency requirements. Actual cleanup goals are site-specific and based on applicable regulatory guidelines. Regulatory guidelines that apply to the cleanup of specific chemical constituents in soil are typically related to potential impacts to groundwater or human health risks.

Based on available information regarding the Property, the following guidelines may be applicable to evaluating TPH and VOCs in soil.

Potential Impacts to Groundwater

The Los Angeles Regional Water Quality Control Board (LARWQCB) established cleanup guidelines, also known as soil screening levels (SSLs) for hydrocarbon-impacted soils based on the potential for groundwater contamination (RWQCB, 1996). The Santa Ana Regional Water Quality Control Board (SARWQCB), which has jurisdiction at the Property area, has indicated it concurs with the LARWQCB SSLs for evaluating site conditions. Where impacted soils are anticipated to be greater than 150 feet above groundwater (assuming conservatively that groundwater is at approximately 200 feet bgs at the Property), the SSLs for petroleum hydrocarbons are:

- TPH-g or gasoline-range hydrocarbons (C_4-C_{12}) – 1,000 mg/kg
- TPH-d or diesel-range hydrocarbons (C_{13}-C_{22}) – 10,000 mg/kg
- TPH-o or oil/heavy-range hydrocarbons (C_{23}-C_{40}) – 50,000 mg/kg.

SSLs for TPH and the fuel-related VOCs benzene and toluene are shown on **Table 1**. As shown on the table, the TPH-d and TPH-o concentrations detected in a few soil samples are far below their corresponding SSLs. The benzene and toluene concentrations were also far below their respective SSLs. The soil analytical results are not indicative of a significant risk to groundwater from TPH or the fuel-related VOCs detected.

Human Health Risks

The California Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office (HERO) issued an updated Human Health Risk Assessment (HHRA) Note No. 3 in April 2019. In this Note, DTSC makes recommendations regarding the methodology and use of the U.S. EPA Regional Screening Levels (RSLs) and DTSC-modified Screening Levels (DTSC-SLs; jointly referred to herein as "DTSC-Recommended SLs") for human health risks at hazardous waste sites and permitted facilities. For the majority of the listed chemicals, HERO Note No. 3 recommends the use of the U.S. Environmental Protection Agency (EPA) Regional Screening Levels (RSLs; most recently updated in November 2018). However, for certain chemicals and compounds, DTSC recommends using California EPA toxicity criteria and risk assessment procedures, which typically yield more stringent screening levels. In HERO Note No. 3, DTSC recommends the use of RSLs, California-modified RSLs, and DTSC-modified RSLs, depending on the chemical being evaluated. Collectively, the screening levels defined in HERO Note No. 3 comprise the DTSC-Recommended SLs. Human health risks associated with contact of affected soil (dermal, ingestion, etc.) in California can be assessed by comparing concentrations detected to the DTSC-Recommended SLs. DTSC-Recommended SLs have been developed to evaluate sites under residential and commercial/industrial land use scenarios.

DTSC-Recommended SLs have not been defined for TPH-affected soils. The VOC results for soil samples from this investigation are compared to the DTSC-Recommended SLs on **Table 1**. As shown in the table, the benzene and toluene concentrations detected in soil were below their corresponding residential and commercial/industrial DTSC-Recommended SLs. Based on these results, the VOCs in soil do not represent a significant risk to human health.

Waste Disposal Restrictions

There are a number of state and federal regulations that relate to the disposal of contaminated soils. For the purposes of disposal, waste streams can either be:

- Defined as hazardous in the regulations (e.g., soils containing spent solvents or above the specified limits for specific chemicals).

- Classified as hazardous on the basis of testing results for physical or chemical characteristics (i.e., toxicity, reactivity, ignitability, and/or corrosivity).

Soils containing petroleum hydrocarbons are not defined as "hazardous" under state and federal regulations. However, petroleum hydrocarbon contaminated soils may exhibit the "hazardous characteristics" of toxicity and/or ignitability. In reality, upon excavation and testing, unless the concentrations are unusually high, most soils containing petroleum hydrocarbons do not meet the thresholds for toxicity or ignitability, and would therefore be classified as "nonhazardous."

Nevertheless, the state of California has established regulations (Title 14 CCR, Division 7, Chapter 3, Article 5.6) that set minimum standards for the handling, treatment and/or disposal of nonhazardous petroleum hydrocarbon contaminated soil. Under these regulations, contaminated soil that is excavated, and then either removed from or placed back on the Property, may be subject to the requirements of the SARWQCB or a Local Enforcement Agency (such as the SBCFD). Given the analytical results demonstrating that some soils on the Property have been affected by TPH and VOCs, regulatory requirements in the handling of future excavated soils at the Property should be considered.

METALS IN SOIL

Regulatory guidance for metals in soil is based on an evaluation of both background and risk-based concentrations. The Kearney Foundation of Soil Science published a special report of background concentrations of trace and major elements in California soils (Bradford et al, 1996). The DTSC HERO Note No. 3 also established DTSC-Recommended SLs for metals (shown on Table 2). As noted above, with the exception of lead in one soil sample, all metals concentrations were within the typical ranges found in California soils. Lead was detected in one sample at an elevated concentration of 161 mg/kg in the 1-foot sample at Boring B7, located near the former underground storage tank at the northwestern portion of the Property. This lead concentration exceeds the DTSC-Recommended SL for unrestricted (residential) land use of 80 mg/kg, but is below the commercial/industrial DTSC-Recommended SL of 320 mg/kg.

Since plans call for the Property to be redeveloped with a continued commercial/industrial use, the single elevated lead concentration in one sample does not warrant additional investigation or remediation at this time. However, if soil from this area of the Property is to be excavated and removed from the Property, regulatory requirements governing the identification of an appropriate off-site disposal location should be considered.

VOCS IN SOIL VAPOR

HERO Note No. 3 also makes recommendations establishing DTSC-Recommended SLs for soil vapor screening under residential and commercial/industrial land use scenarios. DTSC-Recommended SLs for evaluating soil vapor intrusion are calculated using indoor air screening levels and recommended attenuation factors. These calculated soil vapor screening levels are typically applied to samples collected no more than 5 feet bgs, and have been developed for both existing buildings and future buildings (DTSC and CalEPA, October 2011). In the latest update to HERO Note No. 3, in addition to calculating screening levels using attenuation factors of 0.001 (residential) and 0.0005 (commercial/industrial), DTSC has recommended that screening assessments evaluate sites using the default attenuation factor of 0.03 for sub-slab soil gas and "near-source" exterior soil gas, released by U.S. EPA (June 2015). The DTSC-Recommended SLs calculated using these attenuation

factors are conservative. Chemical concentrations in excess of the calculated DTSC-Recommended SLs are not conclusive evidence of adverse risks to human health. Depending on VOC levels and their distribution, additional investigation – such as sub-slab sampling, indoor air assessments, site-specific health risk assessments, etc. – may be warranted to further assess site-specific health risks.

VOCs were not detected in soil vapor at the northeastern or southwestern portions of the Property. Since the northwestern portion of the Property at which VOCs were detected in soil vapor is not currently developed with a structure, **Table 3** includes the DTSC-Recommended SLs for TCE, ethylbenzene, and xylenes under a future building land use scenario using attenuation factors of 0.001 (residential use) and 0.0005 (commercial/industrial use). **Table 3** also compares the VOC results to DTSC-Recommended SLs calculated using an attenuation factor of 0.03, for both the residential and commercial land use scenarios, per the recommendations of the April 2019 update to HERO Note 3.

As shown in the table, the March 14, 2019, detection of m,p-xylene was below the DTSC-Recommended SLs calculated using all recommended attenuation factors even for residential land use. The TCE concentrations detected were below their corresponding DTSC-Recommended SL calculated for commercial/industrial sites using an attenuation factor of 0.0005. In one sample (SV24 – 1.0 µg/l), the TCE concentration exceeded the DTSC-Recommended SL of 0.48 µg/l, calculated for residential sites using an attenuation factor of 0.001. The TCE concentrations were detected above their corresponding residential (0.016 µg/l) and commercial/industrial (0.10 µg/l) DTSC-Recommended SLs when calculated using an attenuation factor of 0.03. Based on these preliminary results, and in consideration of the wide spacing between the probes in which TCE was detected, additional soil vapor sampling was recommended and conducted.

TCE was not detected in any soil vapor samples during the follow-up soil vapor investigation conducted on June 11, 2019. This investigation included sampling at depths of 15 feet bgs at the three locations at which TCE had been detected, as well as at step-out locations between and around those three locations. Ethylbenzene was detected in one 5-foot soil vapor sample (SV30) at a concentration (0.80 µg/l) below both its residential and commercial/industrial DTSC-Recommended SLs calculated using attenuation factors of 0.001 and 0.0005, respectively. The ethylbenzene concentration exceeded the DTSC-Recommended SLs calculated using attenuation factors of 0.03. It was not detected in the 15-foot soil vapor sample from the same boring location. The June 11, 2019 xylene analytical results were also below the DTSC-Recommended SLs calculated using all recommended attenuation factors.

It is not uncommon to find low concentrations of fuel-related VOCs in soil vapor in urban settings. The soil vapor results indicate that there may have been relatively minor releases of fuel-related VOCs at the northwestern portion of the Property. The TCE detections in soil vapor are limited in area and depth. The additional investigation demonstrated that the lateral and vertical extents of TCE in soil vapor are not indicative of a significant release. Under a future industrial/commercial land use scenario, with the expected grading that would take place, the VOC results are not indicative of a significant future vapor intrusion concern.

6 CONCLUSIONS AND RECOMMENDATIONS

SCS conducted a soil and soil vapor investigation at the Property. Based on the results of the investigation, SCS concludes the following:

- TPH, VOCs, and metals detected in soil do not represent a risk to groundwater or human health under the anticipated future commercial/industrial land use.

- VOCs were not detected in soil vapor at the northeastern or southwestern portions of the Property, indicating no significant past releases of chemicals containing VOCs at these areas. The soil vapor results indicate that there may have been relatively minor releases of fuel-related VOCs and TCE at the former commercial/industrial area at the northwestern portion of the Property. The VOCs in soil vapor at this area are limited in area and depth and are not indicative of a significant release. Under a future industrial/commercial land use scenario, with the expected grading that would take place, the VOC results are not indicative of a significant vapor intrusion concern.

Based on the results of the investigation, additional investigation is not recommended. If redevelopment plans call for the excavation and removal of soil from areas where TPH, VOCs, and/or elevated lead concentrations were detected, SCS recommends consideration of regulatory requirements in determining an appropriate off-site receiving facility.

7 REFERENCES

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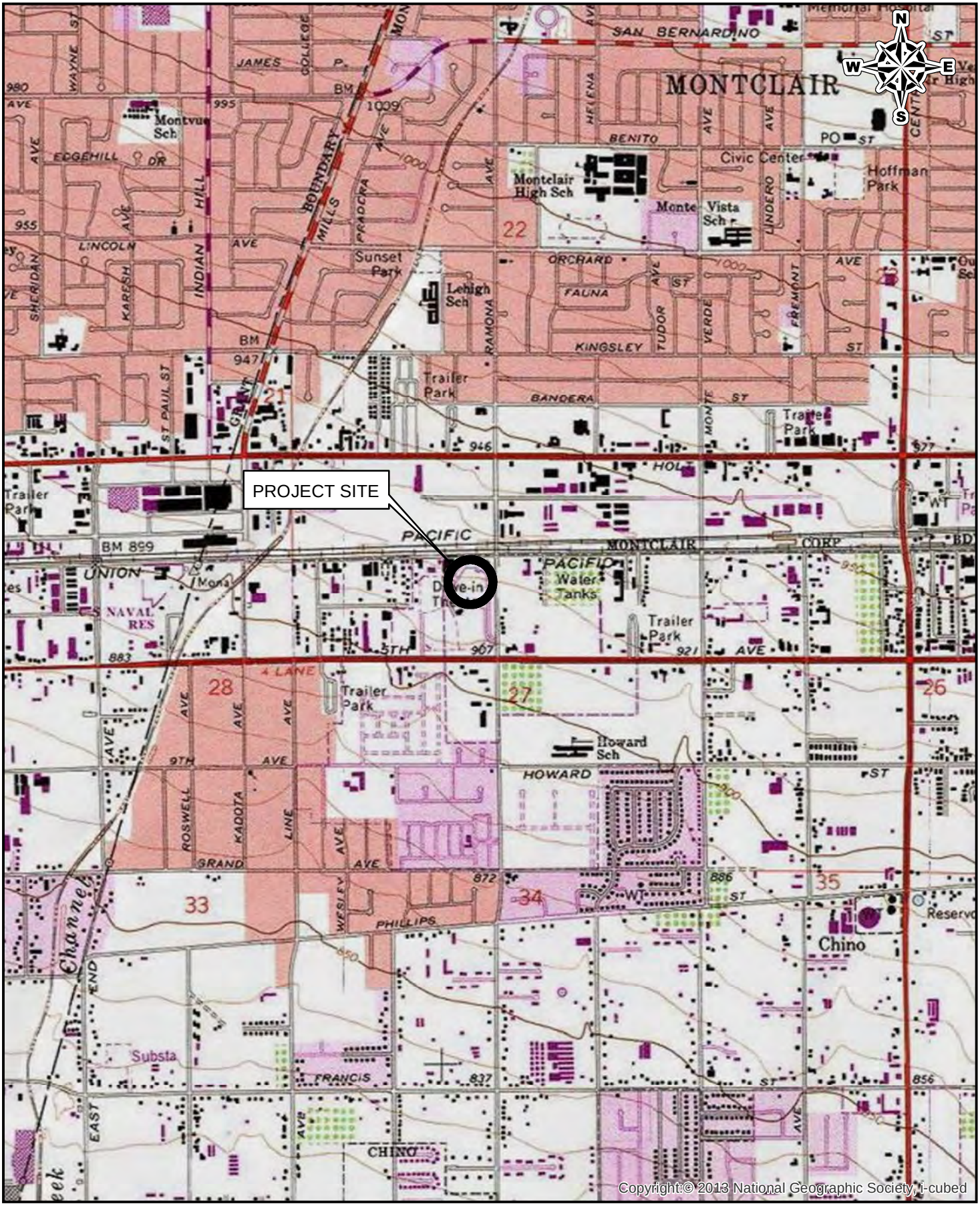
Figures 1 through 6



SCS ENGINEERS 3900 KILROY AIRPORT WAY, STE 100 LONG BEACH, CALIFORNIA 90806-6816	SITE: 10798 Ramona Avenue Montclair, California 91763	Job No.: 01218268.00 Title: SITE LOCATION MAP	FIGURE 1

DATE: March 2019

SCALE: See Figure

FIGURE NO.: 2

SHEET TITLE: Google Earth Aerial Image Showing Soil Sampling Locations at Northwestern Portion of the Property

PROJECT TITLE: 4359 State Street Montclair, California 91763

CLIENT: The Carlyle Group 1001 Pennsylvania Avenue, N.W. Washington, D.C. 2004

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DWN. BY:	J. Rauzon
APP. BY:	K. Green

CLIENT:
The Carlyle Group
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Washington, D.C. 2004

SHEET TITLE:
Google Earth Aerial Image Showing Soil Sampling Location on Northeastern Portion of Property

PROJECT TITLE:
10798 Ramona Avenue
Montclair, California 91763

DATE:	March 2019
SCALE:	See Figure
FIGURE NO.:	3

LEGEND

Property Boundary

Soil Vapor Sampling Location

State St

SV1 SV2 SV3 SV4 SV5 SV6 SV15 SV16 SV17 SV18 SV19 SV20 SV21 SV22 SV23 SV24 SV25 SV26 SV27 SV28 SV29 SV30 SV31 SV32 SV33 SV34 SV35

Google Earth

© 2018 Google

100 ft

N

DATE: March 2019

SCALE: See Figure

FIGURE NO.: 4

SHEET TITLE: Google Earth Aerial Image Showing Soil Vapor Sampling Locations at Northwestern Portion of the Property

PROJECT TITLE: 4359 State Street Montclair, California 91763

CLIENT: The Carlyle Group 1001 Pennsylvania Avenue, N.W. Washington, D.C. 2004

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3900 KILROY AIRPORT WAY, SUITE 100
LONG BEACH, CA 90806
PH. (562) 426-9544 FAX. (562) 427-0805

PROJ. NO.: 01219143.00

DWN. BY: J. Rauzon

APP. BY: K. Green

DATE: March 2019

SCALE: See Figure

FIGURE NO.: 5

SHEET TITLE: Google Earth Aerial Image Showing Soil Vapor Sampling Locations on Northeastern Portion of Property

PROJECT TITLE: 10798 Ramona Avenue
Montclair, California 91763

CLIENT: The Carlyle Group
1001 Pennsylvania Avenue, N.W.
Washington, D.C. 2004

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3900 KILROY AIRPORT WAY, SUITE 100
LONG BEACH, CA 90806
PH. (562) 426-9544 FAX. (562) 427-0805

PROJ. NO.: 01219143.00

DWN. BY: J. Rauzon

APP. BY: K. Green

SHEET TITLE: Google Earth Aerial Image Showing Soil Vapor Sampling Locations on Southwestern Portion of Property

PROJECT TITLE: 10798 Ramona Avenue Montclair, California 91763

CLIENT: The Carlyle Group 1001 Pennsylvania Avenue, N.W. Washington, D.C. 2004

DATE: March 2019

SCALE: See Figure

FIGURE NO.: 6

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3900 KILROY AIRPORT WAY, SUITE 100
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PROJ. NO.: 01219143.00

DWN. BY: J. Rauzon

APP. BY: K. Green

Tables 1 through 3

TABLE 1
SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES - TPH & VOCS
10798 RAMONA AVENUE, MONTCLAIR, CALIFORNIA

Sample Location	Sample Depth (feet bgs)	Date of Collection	TPH (EPA Method 8015G/8015D)			Volatile Organic Compounds (EPA Method 8260B)	
			TPH as Gasoline-range Hydrocarbons (C4 - C12)	TPH as Diesel-range Hydrocarbons (C13 - C22)	TPH as Motor Oil-range Hydrocarbons (C23 - C40)	Benzene	Toluene
			milligrams per kilogram (mg/kg), equivalent to parts per million (ppm)			micrograms per kilogram (µg/kg), equivalent to parts per billion (ppb)	
B1-5	5	March 5, 2019	< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B1-20	20		< 0.100	< 1.0	< 1.0	**7.46 J**	**4.14 J**
B2-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B2-20	20		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B3-10	10		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B3-15	15		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B4-1	1		< 0.100	< 1.0	< 1.0	--	--
B4-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B4-10	10		< 0.100	< 1.0	< 1.0	--	--
B4-15	15		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B5-1	1		< 0.100	< 1.0	< 1.0	--	--
B5-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B5-10	10		< 0.100	< 1.0	< 1.0	--	--
B5-15	15		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B6-1	1		< 0.100	< 1.0	**184**	--	--
B6-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B6-10	10		< 0.100	< 1.0	< 1.0	--	--
B6-15	15		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B7-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B7-10	10		< 0.100	< 1.0	< 1.0	--	--
B7-15	15		--	--	--	< 1.0	< 1.0
B8-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B8-10	10		< 0.100	**13.4**	**24.3**	< 1.0	< 1.0
B8-20	20		< 0.100	< 1.0	< 1.0	--	--
B9-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B9-10	10		< 0.100	**1.57 J**	< 1.0	< 1.0	< 1.0
B9-20	20		< 0.100	< 1.0	< 1.0	**1.35 J**	< 1.0
B10-5	5		< 0.100	< 1.0	**41.7**	< 1.0	**3.23 J**
B11-1	1		< 0.100	**44.9**	**2,660**	--	--
B11-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B12-5	5	March 6, 2019	< 0.100	< 1.0	< 1.0	--	--
B12-10	10		< 0.100	< 1.0	< 1.0	--	--
B13-5	5		< 0.100	< 1.0	< 1.0	--	--
B13-10	10		< 0.100	< 1.0	< 1.0	--	--
B14-1	1		< 0.100	< 1.0	< 1.0	--	--
B14-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B14-10	10		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B15-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B15-10	10		< 0.100	< 1.0	< 1.0	--	--
B16-1	1		< 0.100	**8.84**	**79.2**	--	--
B16-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B16-10	10		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B17-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B17-10	10		< 0.100	< 1.0	< 1.0	--	--
B17-20	20		< 0.100	< 1.0	< 1.0	**2.12 J**	**1.31 J**
B18-1	1		< 0.100	< 1.0	< 1.0	--	--
B18-5	5		< 0.100	< 1.0	< 1.0	< 1.0	< 1.0
B19-1	1		< 0.100	< 1.0	**29.5**	--	--
B19-5	5		< 0.100	< 1.0	< 1.0	--	--
B20-1	1		< 0.100	< 1.0	< 1.0	--	--
B20-5	5		< 0.100	< 1.0	< 1.0	--	--
LARWQCB SSLs			1,000	10,000	50,000	770	4,000
DTSC-Recommended SL (Residential)			--	--	--	330	1,100,000
DTSC-Recommended SL (Commercial/Industrial)			--	--	--	1,400	5,300,000

Notes:

TPH = Total petroleum hydrocarbons

VOCs = Volatile organic compounds

bgs = Below ground surface

LARWQCB SSLs = Los Angeles Regional Water Quality Control Board Soil Screening Levels in sandy soils greater than 150 feet above groundwater (Interim Site Assessment and Cleanup Guidebook. May 1996).

DTSC-Recommended SL = Screening Level as recommended in California Department of Toxic Substances Control (DTSC), Office of Human and Ecological Risk (HERO), Human Health Risk Assessment (HHRA) Note No. 3 - Residential and industrial/commercial land use scenarios (April 2019, Referencing U.S. Environmental Protection Agency Regional Screening Level Summary Table - November 2018).

-- = Not calculated or not defined

< = Less than the method detection limit

J = Analyte was detected, however, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL)

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES - METALS AND PH

10798 RAMONA AVENUE, MONTCLAIR, CALIFORNIA

Sample Location	Sample Depth (feet bgs)	Sampling Date	Title 22 Metals (EPA Method 6010B/7000CAM, except Mercury by EPA Method 7471)															
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury (elemental)	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
			Milligrams per kilogram (mg/kg), equivalent to parts per million (ppm)																
B1-1	1	March 5, 2019	< 1.0	< 1.0	**56.5**	< 1.0	< 1.0	**16.5**	**8.63**	**16.6**	**7.91**	< 0.1	< 2.0	**11.6**	< 1.0	< 2.0	< 0.7	**33.8**	**80.5**
B1-10	10		< 1.0	< 1.0	**45.2**	< 1.0	< 1.0	**27.3**	**9.61**	**15.9**	< 2.5	< 0.1	< 2.0	**16.1**	< 1.0	< 2.0	< 0.7	**35.8**	**45.6**
B2-1	1		< 1.0	< 1.0	**41.3**	< 1.0	< 1.0	**15.4**	**8.96**	**16.3**	< 2.5	< 0.1	**2.48J**	**9.50**	< 1.0	< 2.0	< 0.7	**26.2**	**46.4**
B3-1	1		< 1.0	< 1.0	**57.7**	< 1.0	< 1.0	**19.5**	**9.27**	**16.1**	< 2.5	< 0.1	< 2.0	**12.9**	< 1.0	< 2.0	< 0.7	**34.1**	**52.1**
B3-10	10		< 1.0	< 1.0	**41.1**	< 1.0	< 1.0	**20.3**	**9.81**	**16.0**	**2.59J**	< 0.1	< 2.0	**13.6**	< 1.0	< 2.0	< 0.7	**35.8**	**49.7**
B4-1	1		< 1.0	< 1.0	**52.3**	< 1.0	< 1.0	**16.1**	**8.55**	**14.0**	< 2.5	< 0.1	< 2.0	**10.9**	< 1.0	< 2.0	< 0.7	**32.6**	**51.3**
B4-10	10		< 1.0	< 1.0	**46.4**	< 1.0	< 1.0	**21.3**	**10.6**	**16.8**	< 2.5	< 0.1	< 2.0	**14.0**	< 1.0	< 2.0	< 0.7	**39.1**	**50.9**
B5-1	1		< 1.0	< 1.0	**54.9**	< 1.0	< 1.0	**16.9**	**8.87**	**17.0**	**5.45**	< 0.1	< 2.0	**11.3**	< 1.0	< 2.0	< 0.7	**34.4**	**70.7**
B5-10	10		< 1.0	< 1.0	**42.5**	< 1.0	< 1.0	**20.7**	**10.1**	**16.2**	**2.60J**	< 0.1	< 2.0	**13.6**	< 1.0	< 2.0	< 0.7	**37.2**	**48.2**
B6-1	1		< 1.0	< 1.0	**53.7**	< 1.0	< 1.0	**16.6**	**8.55**	**17.2**	**7.85**	< 0.1	< 2.0	**11.4**	< 1.0	< 2.0	< 0.7	**34.1**	**67.1**
B6-10	10		< 1.0	< 1.0	**40.4**	< 1.0	< 1.0	**18.3**	**9.20**	**15.0**	< 2.5	< 0.1	< 2.0	**12.3**	< 1.0	< 2.0	< 0.7	**34.2**	**45.1**
B7-1	1		< 1.0	< 1.0	**50.3**	< 1.0	< 1.0	**16.3**	**8.46**	**28.8**	**161**	< 0.1	< 2.0	**11.0**	< 1.0	< 2.0	< 0.7	**34.1**	**210**
B10-5	5		< 1.0	< 1.0	**62.7**	< 1.0	< 1.0	**21.5**	**10.5**	**17.9**	< 2.5	< 0.1	< 2.0	**14.1**	< 1.0	< 2.0	< 0.7	**40.3**	**50.8**
B11-1	1		< 1.0	< 1.0	**34.3**	< 1.0	< 1.0	**9.96**	**6.19**	**12.7**	< 2.5	< 0.1	< 2.0	**13.5**	< 1.0	< 2.0	< 0.7	**26.7**	**34.6**
B14-1	1		< 1.0	< 1.0	**32.3**	< 1.0	< 1.0	**10.8**	**6.87**	**16.4**	**3.75J**	< 0.1	< 2.0	**7.60**	< 1.0	< 2.0	< 0.7	**26.0**	**39.4**
B14-5	5		< 1.0	< 1.0	**61.2**	< 1.0	< 1.0	**22.1**	**10.7**	**18.3**	**2.53J**	< 0.1	< 2.0	**14.2**	< 1.0	< 2.0	< 0.7	**39.8**	**54.8**
B15-1	1		< 1.0	< 1.0	**68.4**	< 1.0	< 1.0	**15.9**	**5.76**	**32.1**	**14.7**	< 0.1	< 2.0	**8.5**	< 1.0	< 2.0	< 0.7	**26.6**	**61.6**
B16-1	1	March 6, 2019	< 1.0	< 1.0	**61.2**	< 1.0	< 1.0	**23.4**	**10.8**	**18.6**	**4.11J**	< 0.1	< 2.0	**14.5**	< 1.0	< 2.0	< 0.7	**40.7**	**57.2**
B17-5	5		< 1.0	< 1.0	**54.7**	< 1.0	< 1.0	**19.4**	**9.76**	**16.4**	< 2.5	< 0.1	< 2.0	**12.3**	< 1.0	< 2.0	< 0.7	**36.6**	**49.6**
B18-1	1		< 1.0	< 1.0	**53.3**	< 1.0	< 1.0	**18.5**	**8.97**	**15.4**	< 2.5	< 0.1	< 2.0	**11.6**	< 1.0	< 2.0	< 0.7	**35.0**	**49.7**
B18-5	5		< 1.0	< 1.0	**65.1**	< 1.0	< 1.0	**23.8**	**11.2**	**19.1**	**2.52J**	< 0.1	< 2.0	**15.1**	< 1.0	< 2.0	< 0.7	**41.3**	**53.8**
B19-1	1		< 1.0	< 1.0	**70.8**	< 1.0	< 1.0	**16.3**	**8.92**	**23.2**	**7.78**	< 0.1	< 2.0	**11.2**	< 1.0	< 2.0	< 0.7	**33.8**	**128**
B20-1	1		< 1.0	< 1.0	**57.7**	< 1.0	< 1.0	**17.7**	**9.47**	**15.3**	< 2.5	< 0.1	< 2.0	**11.5**	< 1.0	< 2.0	< 0.7	**35.4**	**54.8**
B21-1	1		< 1.0	< 1.0	**55.7**	< 1.0	< 1.0	**17.1**	**8.88**	**15.2**	< 2.5	< 0.1	< 2.0	**11.7**	< 1.0	< 2.0	< 0.7	**34.2**	**50.7**
B22-1	1		< 1.0	< 1.0	**58.6**	< 1.0	< 1.0	**17.2**	**9.13**	**19.4**	**5.52**	< 0.1	< 2.0	**12.7**	< 1.0	< 2.0	< 0.7	**35.1**	**73.9**
Typical Range for CA Soils*			0.15-1.95	0.6-11	133-1,400	0.25-2.7	0.05-1.7	23-1,579	2.7-46.9	9.1-96.4	12.4-97.1	0.1-0.9	0.1-9.6	9-509	0.015-0.430	0.1-8.3	0.17-1.1	39-288	88-236
Source			RSL	HERO	RSL	HERO	HERO	HERO/RSL	RSL	RSL	HERO	HERO	RSL	HERO	RSL	HERO	RSL	HERO	RSL
DTSC-Recommended SL (Residential)			31	0.11	15,000	16	71	36,000/0.3±	23	3,100	80	1.0	390	490	390	390	0.78	390	23,000
DTSC-Recommended SL (Commercial/Industrial)			470	0.36	220,000	230	780	170,000/6.3±	350	47,000	320	4.4	5,800	3,100	5,800	1,500	12	1,000	350,000
TTLC			500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC**			15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250
TCLP**			--	5	100	--	1	5	--	--	5	0.2	--	--	1	5	--	--	--

Notes:

bgs = below ground surface

* = Bradford, G.R., Chang, A.C., Page, A.L., Bakhtar, D., Fampton, J.A., and Wright, H., 1996, *Background Concentrations of Trace and Major Elements in California Soils,* Kearney Foundation of Soil Science Special Report, Division of Agriculture and Natural Resources, University of California.

** = Values in milligrams per liter (mg/kg)

± = Value for Chromium (III) / Value for Chromium (VI)

DTSC-Recommended SL = Screening Level as recommended in California Department of Toxic Substances Control (DTSC), Office of Human and Ecological Risk (HERO), Human Health Risk Assessment (HHRA) Note No. 3 - Residential and industrial/commercial land use scenarios (April 2019 Referencing U.S. Environmental Protection Agency Regional Screening Level Summary Table - November 2018).

TTLC = Total Threshold Limit Concentration as identified in Title 22 of the California Code of Regulations. Wastes with concentrations above this value are considered hazardous for the purposes of disposal under California regulations.

STLC = Soluble Threshold Limit Concentration, in mg/L, as identified in Title 22 of the California Code of Regulations. A concentration of ten times the STLC is sometimes used as a trigger to conduct further analysis (i.e., the soluble analysis) of a sample to determine disposal requirements. Wastes with soluble concentrations above this value are considered hazardous for the purposes of disposal under California regulations.

TCLP = Toxicity Characteristic Leaching Procedure concentration, in mg/L, as identified in the Code of Federal Regulations. Wastes with soluble concentrations above this value are considered hazardous for the purposes of disposal under federal regulations.

TABLE 1
SUMMARY OF ANALYTICAL RESULTS FOR SOIL VAPOR SAMPLES
10798 RAMONA AVENUE
MONTCLAIR, CALIFORNIA

Sample Number (or Boring ID)	Sample Depth (feet bgs)	Sampling Date	Volatile Organic Compound (EPA Method 8260SV)			
			Trichloroethene	Ethylbenzene	o-Xylene	m,p-Xylene
			Micrograms per liter (µg/l)			
SV1	5	March 5, 2019	<0.08	<0.40	<0.40	<0.40
SV2	5		<0.08	<0.40	<0.40	<0.40
SV3	5		<0.08	<0.40	<0.40	<0.40
SV3-Replicate	5		<0.08	<0.40	<0.40	<0.40
SV4	5		<0.08	<0.40	<0.40	<0.40
SV5	5		<0.08	<0.40	<0.40	<0.40
SV6	5		<0.08	<0.40	<0.40	<0.40
SV7	5		<0.08	<0.40	<0.40	<0.40
SV8	5		<0.08	<0.40	<0.40	<0.40
SV9	5		<0.08	<0.40	<0.40	<0.40
SV10	5		<0.08	<0.40	<0.40	<0.40
SV11	5		<0.08	<0.40	<0.40	<0.40
SV12	5		<0.08	<0.40	<0.40	<0.40
SV13	5		<0.08	<0.40	<0.40	<0.40
SV14	5		<0.08	<0.40	<0.40	<0.40
SV15	5		<0.08	<0.40	<0.40	<0.40
SV16	5		<0.08	<0.40	<0.40	<0.40
SV17	5	March 14, 2019	<0.08	<0.40	<0.40	<0.40
SV18	5		<0.08	<0.40	<0.40	<0.40
SV19	5		<0.08	<0.40	<0.40	<0.40
SV20	5		<0.08	<0.40	<0.40	<0.40
SV21	5		<0.08	<0.40	<0.40	**0.90**
SV22	5		<0.08	<0.40	<0.40	<0.40
SV23	5		**0.21**	<0.40	<0.40	<0.40
SV24	5		**1.0**	<0.40	<0.40	<0.40
SV25	5		<0.08	<0.40	<0.40	<0.40
SV26	5		<0.08	<0.40	<0.40	<0.40
SV27	5		<0.08	<0.40	<0.40	<0.40
SV28	5		**0.18**	<0.40	<0.40	<0.40
SV28-Replicate	5		**0.09**	<0.40	<0.40	<0.40
SV-23	15	June 11, 2019	<0.08	<0.40	<0.40	<0.40
SV-24	15		<0.08	<0.40	<0.40	<0.40
SV-24-Replicate	15		<0.08	<0.40	<0.40	<0.40
SV-28	15		<0.08	<0.40	<0.40	<0.40
SV-29	5		<0.08	<0.40	<0.40	<0.40
SV-30	5		<0.08	**0.80**	**0.89**	**3.0**
	15		<0.08	<0.40	<0.40	<0.40
SV-31	5		<0.08	<0.40	<0.40	<0.40
	15		<0.08	<0.40	<0.40	<0.40
SV-32	5		<0.08	<0.40	<0.40	<0.40
SV-33	5		<0.08	<0.40	<0.40	**0.52**
	15		<0.08	<0.40	<0.40	<0.40
SV-34	5		<0.08	<0.40	<0.40	**0.75**
SV-35	5		<0.08	<0.40	<0.40	<0.40
	15		<0.08	<0.40	<0.40	<0.40
Residential DTSC-Recommended SL - AF 0.001			0.48	1.1	100	100
Commercial/Industrial DTSC-Recommended SL - AF 0.0005			6.0	9.8	880	880
Residential DTSC-Recommended SL - AF 0.03			0.016	0.037	3.3	3.3
Commercial/Industrial DTSC-Recommended SL - AF 0.03			0.10	0.163	14.7	14.7

Notes:

bgs = Below ground surface

N/A = Not applicable.

AF = Attenuation factor.

DTSC-Recommended SL (Future Building) = Screening Level as recommended in California Department of Toxic Substances Control (DTSC), Office of Human and Ecological Risk (HERO), Human Health Risk Assessment (HHRA) Note No. 3 - Residential and commercial/industrial land use scenarios at future buildings (April 2019, Referencing U.S. Environmental Protection Agency Regional Screening Level Reference Summary Table - November 2018).

Three purge volumes were used for all sampling points.

Appendix A

Soil Boring Logs

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

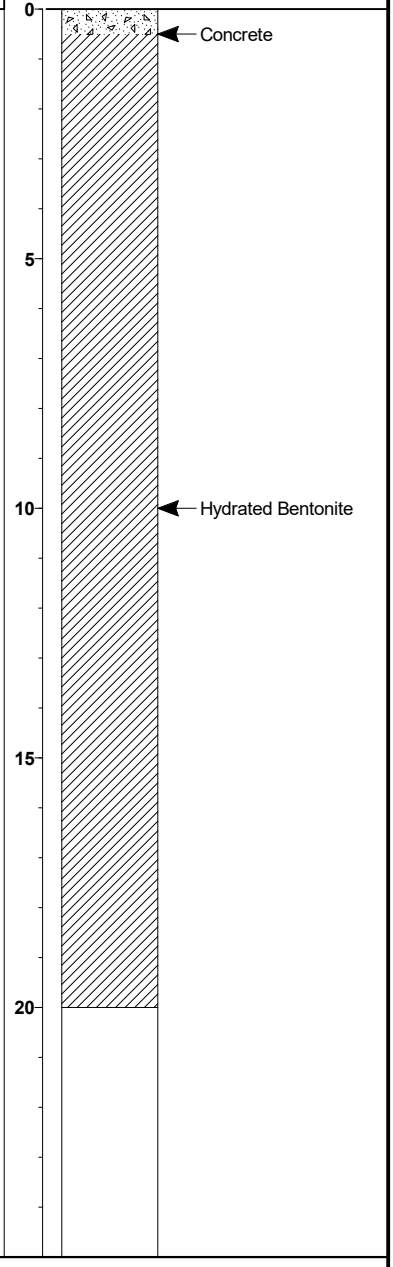
BORING NUMBER: B1

27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0		B1-1			SP		Concrete Grey, Silty Very Fine Sand With Some Gravel
1								
	5		B1-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
2								
3	10		B1-10			SM		Brown, Silty Very Fine Sand, Slightly Moist
4								
	15		B1-15			SM		Greenish Grey, Silty Very Fine to Fine Sand, Well Sorted
5								
6	20		B1-20			SM		Olive Grey, Silty Fine Sand, Slightly Moist
7								
	25							



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B2

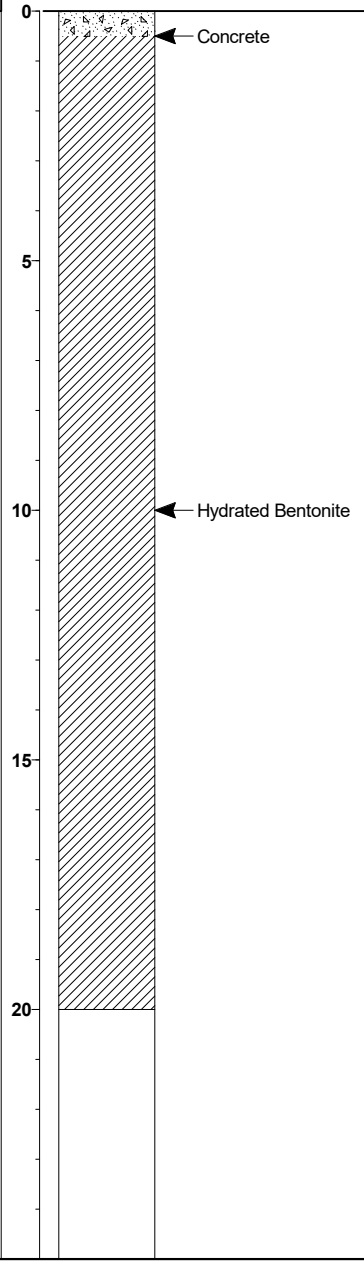
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
			B2-1			SP		Light Grey, Silty Very Fine Sand With Some Gravel
1								
	5		B2-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
2								
3	10							
4								
	15		B2-15			GW		Brown to Grey, Gravel with some Sand, Poorly Sorted
5								
6	20		B2-20			SM		Olive Grey, Silty Fine Sand, Slightly Moist
7								
	25							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B3

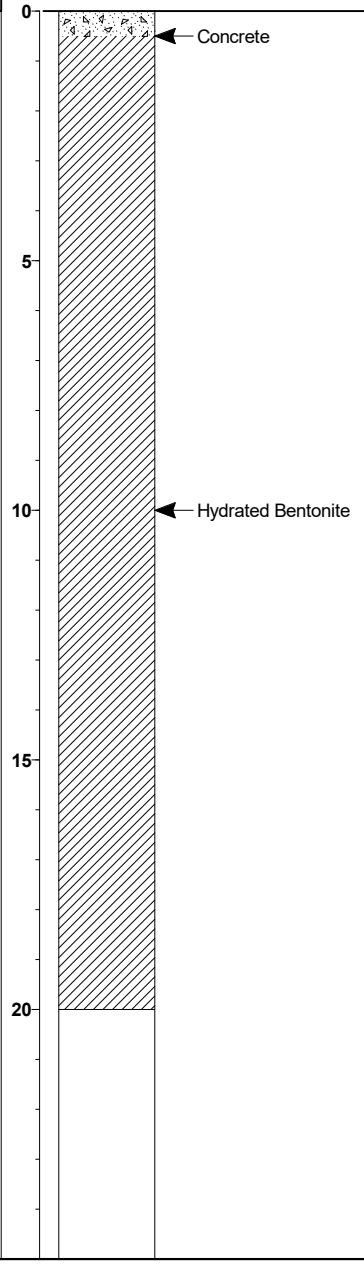
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0		B3-1			SM		Concrete Brown, Silty Very Fine Sand, Slightly Moist
1								
	5		B3-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
2								
3	10		B3-10			SM		Brown, Silty Very Fine Sand, Slightly Moist
4								
	15		B3-15			SM		Greenish Grey, Silty Fine Sand, Slightly Moist
5								
6	20		B3-20			SM		Greenish Grey, Silty Very Fine Sand, Slightly Moist
7								
	25							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

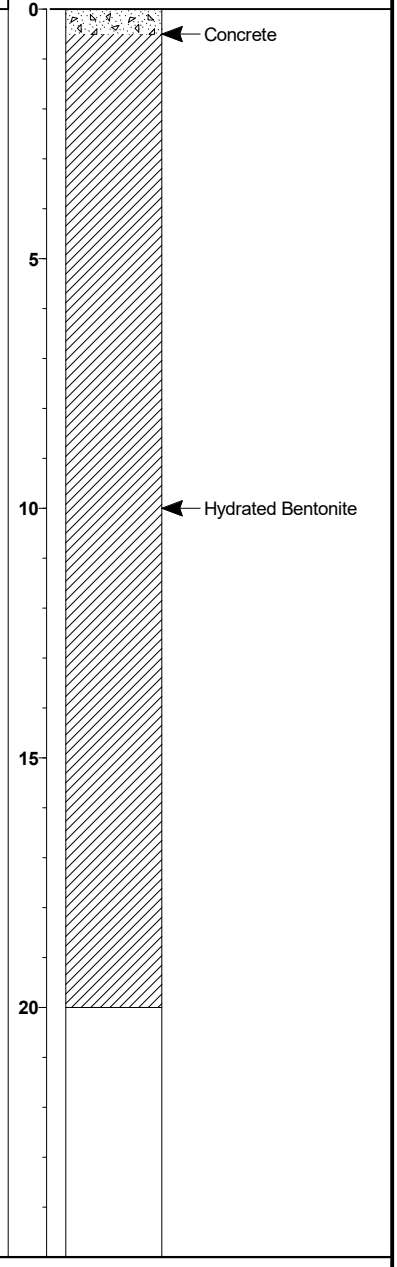
BORING NUMBER: B4

27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
			B4-1			SM		Brown, Silty Very Fine Sand, Slightly Moist
1								
	5		B4-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
2								
3	10		B4-10			SM		Light Brown, Silty Very Fine Sand, Slightly Moist
4								
	15		B4-15			SM		Light Brown, Silty Very Fine Sand, Slightly Moist
5								
6	20		B4-20			SM		Olive Grey, Silty Fine Sand, Slightly Moist
7								
	25							



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

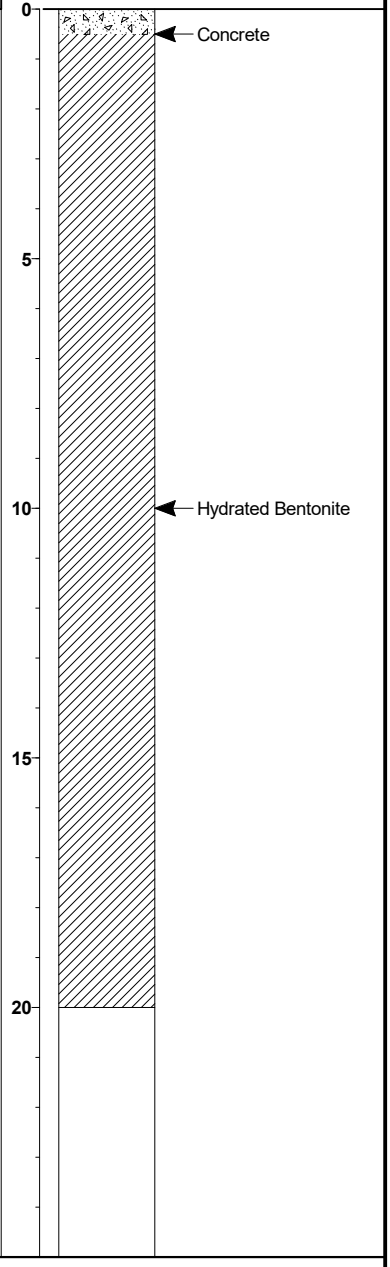
BORING NUMBER: B5

27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0		B5-1			SM		Concrete Brown, Silty Very Fine Sand, Slightly Moist
1								
	5		B5-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
2								
3	10		B5-10			SM		Greenish Grey, Silty Fine Sand, Slightly Moist
4								
	15		B5-15			SW		Light Grey, Medium Sand, Poorly Sorted
5								
6	20		B5-20			SM		Olive Grey, Silty Fine Sand, Slightly Moist
7								
	25							



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B6

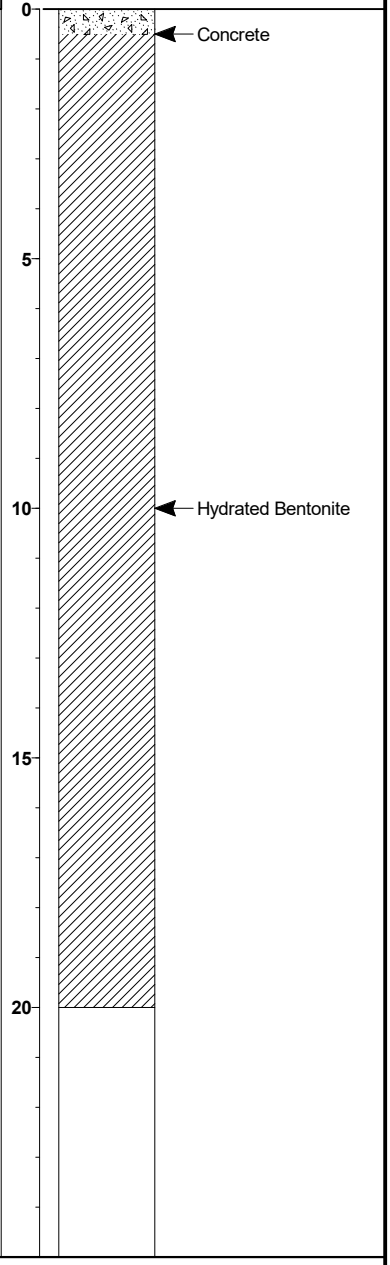
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0		B6-1			GM		Concrete Brown to Grey, Silty Gravel, Sub Angular to Angular
1								
	5		B6-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
2								
3	10		B6-10			SM		Olive Grey, Silty Very Fine Sand, Slightly Moist
4								
	15		B6-15			SM		Greenish Grey,Silty Fine Sand, Slightly Moist
5								
6	20		B6-20			SM		Olive Grey, Silty Fine Sand, Slightly Moist
7								
	25							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

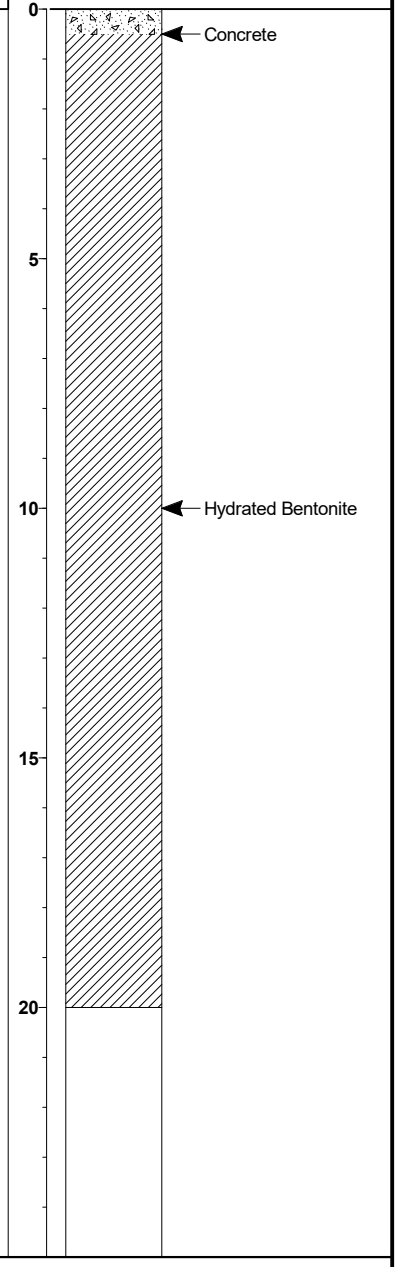
BORING NUMBER: B7

27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
			B7-1			SM		Brown, Silty Very Fine Sand, Slightly Moist
1								
	5		B7-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
2								
3	10		B7-10			SM		Brown, Silty Very Fine Sand With Some Gravel, Slightly Moist
4								
	15		B7-15			SM		Greenish Grey,Silty Fine Sand, Slightly Moist
5								
6	20		B7-20			SW		Light Grey, Gravelly Silty Fine Sand, Slightly Moist
7								
	25							



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B8

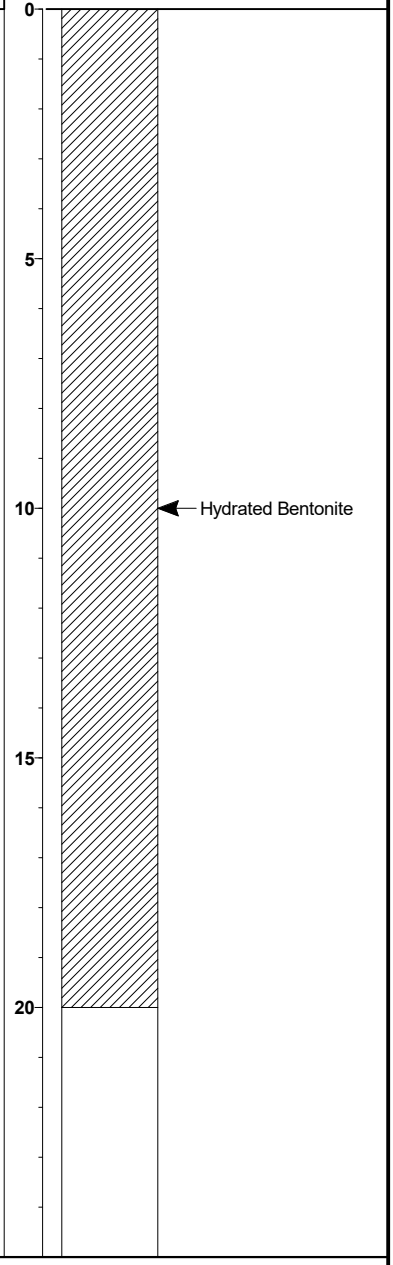
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							
1	5		B8-5			SM		Brown, Silty Very Fine Sand With Some Gravel
2								
3	10		B8-10			SM		Brown, Silty Very Fine To Fine Sand With Some Gravel, Slightly Moist
4			B8-12			GW		Brown to Grey, Gravel with Sand-Silt Mixture , Sub Angular
5	15							
6	20		B8-20			SP		Greenish Grey, Fine Sand, Slightly Moist
7								
	25							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B9

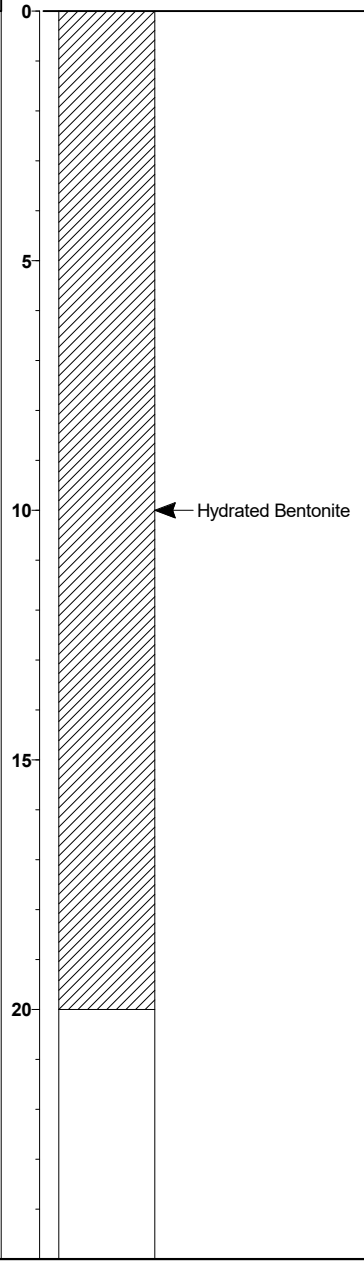
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							
1	5		B9-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
2								
3	10		B9-10			SM		Olive Grey, Silty Very Fine Sand, Slightly Moist
4								
5	15		B9-15			SW		Greenish Grey, Medium Sand With Some Gravel , Poorly Sorted
6	20		B9-20			SM		Greenish Grey, Silty Very Fine To Fine Sand, Slightly Moist
7	25							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B10

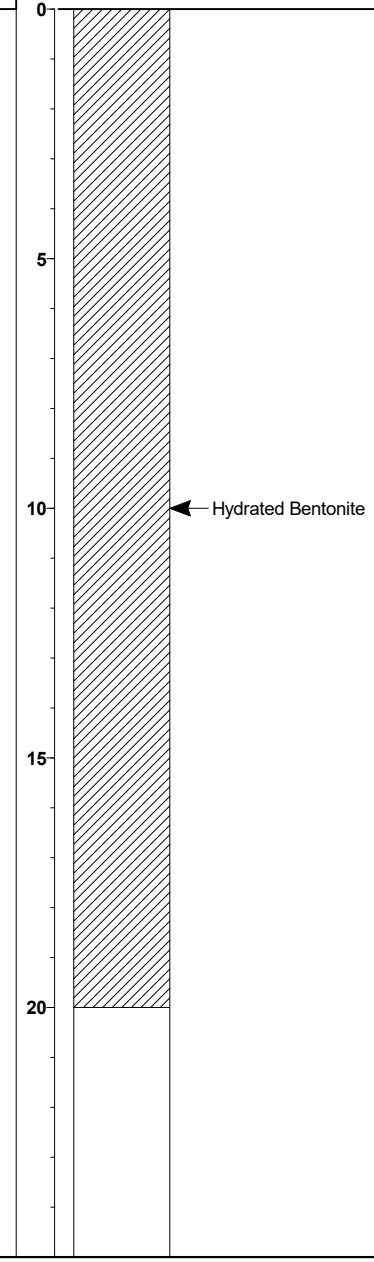
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							
1	5		B10-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
2								
3	10		B10-10			SW		Light Grey, Fine To Medium Sand With Some Gravel, Sub Angular
4								
5	15		B10-15			SW		Light Grey, Medium Sand, Poorly Sorted
6	20		B10-20			SW		Greenish Grey, Silty Very Fine To Fine Sand, Slightly Moist, Poorly Sorted
7	25							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B11

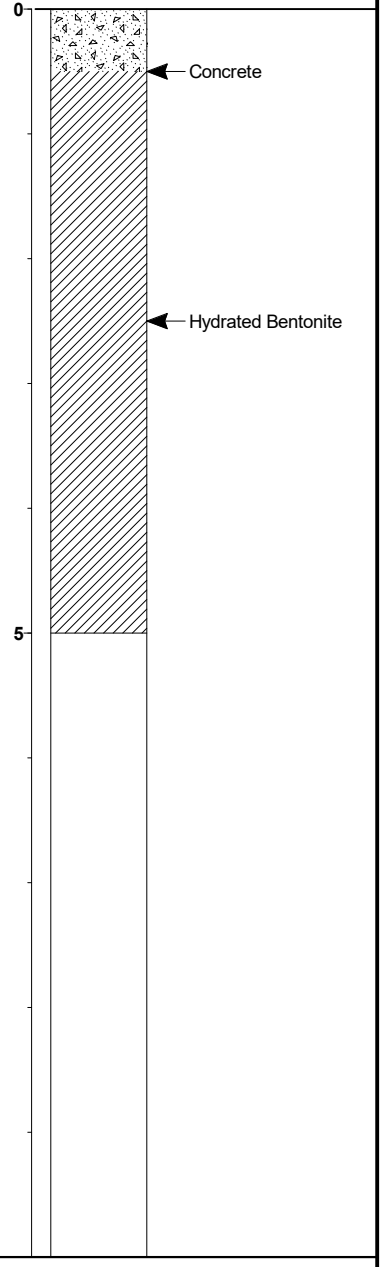
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
	1		B11-1			SM		Brown, Silty Very Fine Sand, Slightly Moist
	2							
	3							
1	4							
	5		B11-5			SM		Brown, Silty Very Fine Sand With Some Gravel, Slightly Moist
	6							
2	7							
	8							
	9							
3	10							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **5.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B12

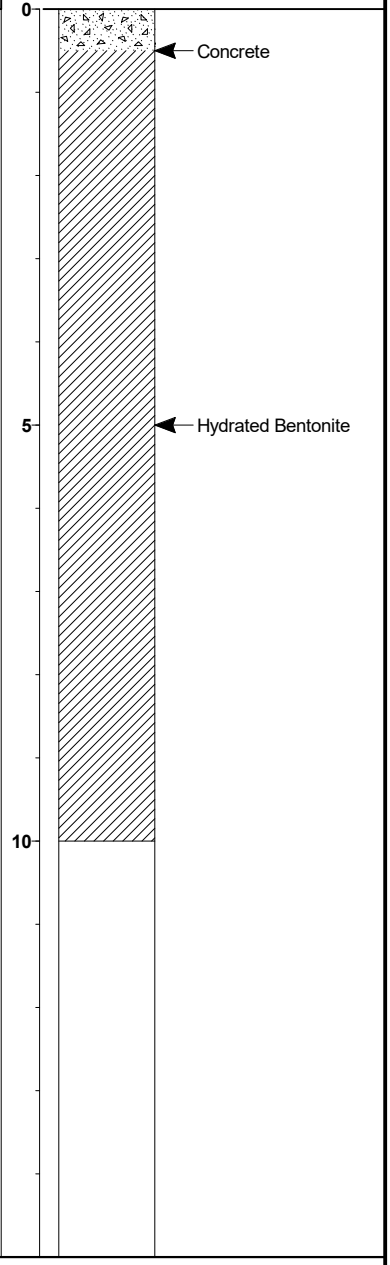
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
	1							
	2							
	3							
1	4							
	5		B12-5			SM		Brown, Silty Very Fine Sand With Some Gravel, Slightly Moist, Poorly Sorted
	6							
2	7							
	8							
	9							
3	10		B12-10			SM		Light Brown To Grey, Silty Fine To Medium Sand With Some Gravel, Poorly Sorted, Sub Angular
	11							
	12							
4	13							
	14							
	15							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **10.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B13

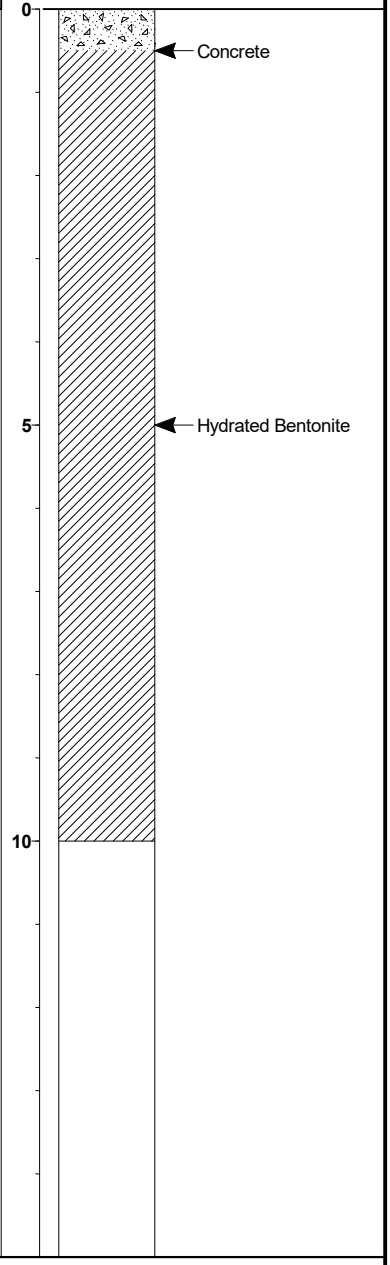
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
	1							
	2							
	3							
1	4							
	5		B13-5			SM		Brown, Silty Very Fine Sand With Some Gravel, Slightly Moist, Poorly Sorted
	6							
2	7							
	8							
	9							
3	10		B13-10			SW		Greenish Grey, Very Fine To Medium Sand With Some Gravel, Poorly Sorted, Sub Angular
	11							
	12							
4	13							
	14							
	15							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **10.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B14

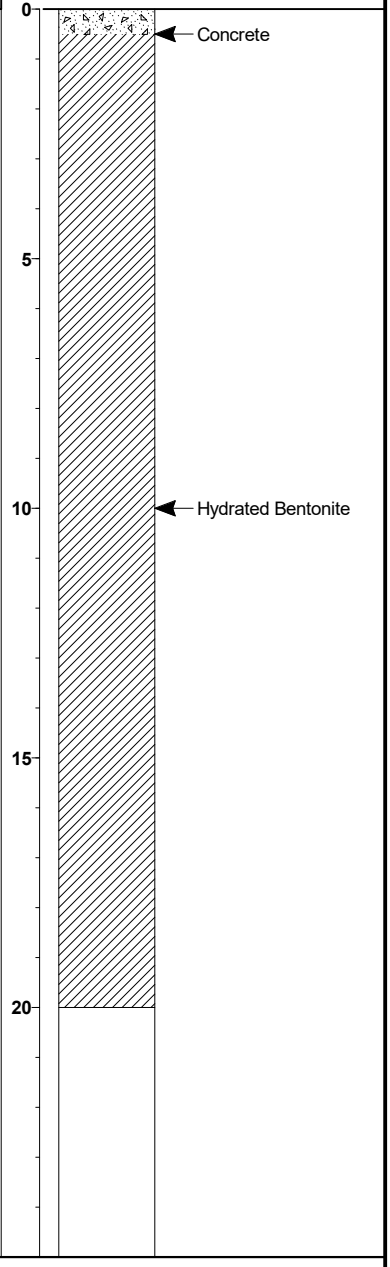
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0		B14-1			SM		Concrete Brown, Silty Fine To Medium Sand With Some Gravel, Slightly Moist
1	5		B14-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
2								
3	10		B14-10			SM		Brown, Silty Very Fine Sand, Slightly Moist
4								
	15		B14-15			SM		Greenish Grey, Silty Fine Sand, Slightly Moist
5								
6	20		B14-20			SM		Greenish Grey, Silty Fine Sand, Slightly Moist
7								
	25							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

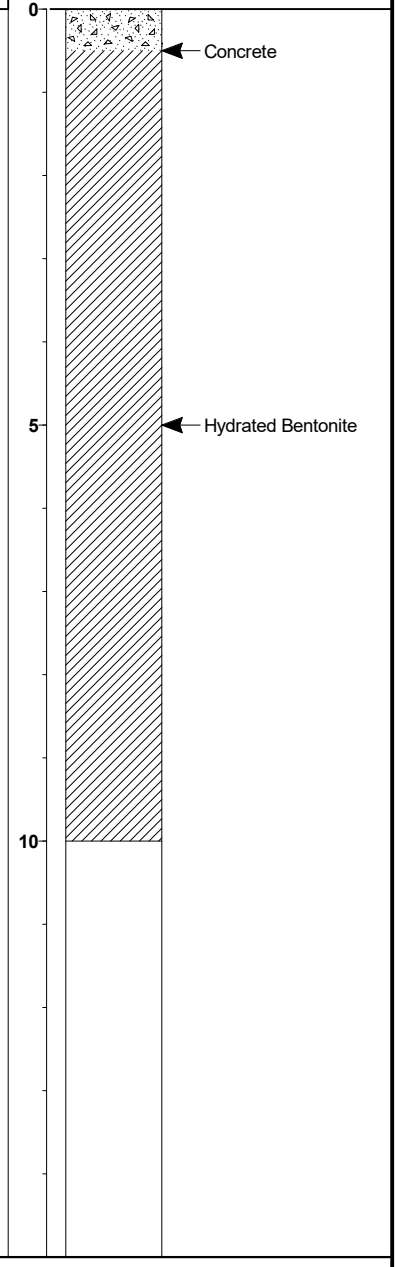
BORING NUMBER: B15

27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
	1		B15-1			SW		Brown, Fine To Medium Sand With Some Gravel, Sub Angular, Poorly Sorted
	2							
	3							
1	4							
	5		B15-5			SW		Brown, Fine To Medium Sand With Some Gravel, Sub Angular, Poorly Sorted
	6							
2	7							
	8							
	9							
3	10		B15-10			SM		Brown, Silty Very Fine Sand, Slightly Moist
	11							
	12							
4	13							
	14							
	15							



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **10.0 ft.**
Boring Diameter: **1.75-inch**

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B16

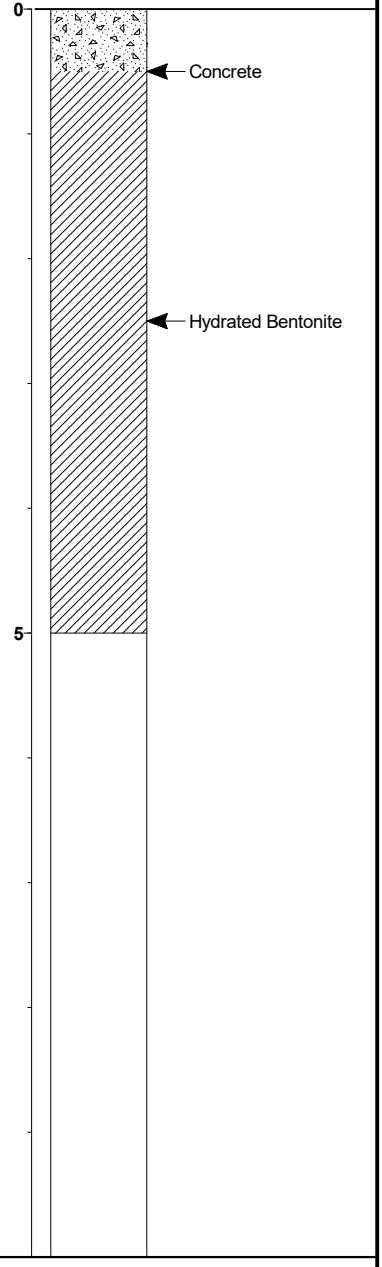
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
			B16-1			SM		Brown, Silty Very Fine Sand, Slightly Moist
	1							
	2							
	3							
1	4							
			B16-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
	5							
	6							
2	7							
	8							
	9							
3	10							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **5.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B17

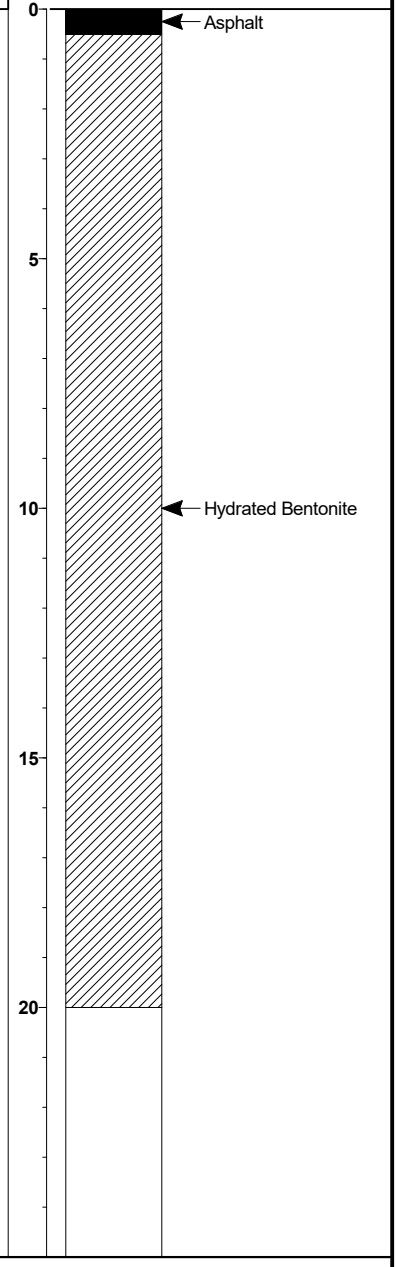
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							
1	5		B17-5			SM		Brown, Silty Very Fine Sand, Slightly Moist
2								
3	10		B17-10			SM		Olive Grey, Silty Very Fine Sand, Slightly Moist
4								
5	15		B17-15			SW		Greenish Grey, Medium Sand With Some Gravel , Poorly Sorted
6	20		B17-20			SW		Greenish Grey, Silty Very Fine To Fine Sand, Slightly Moist
7	25							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **20.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B18

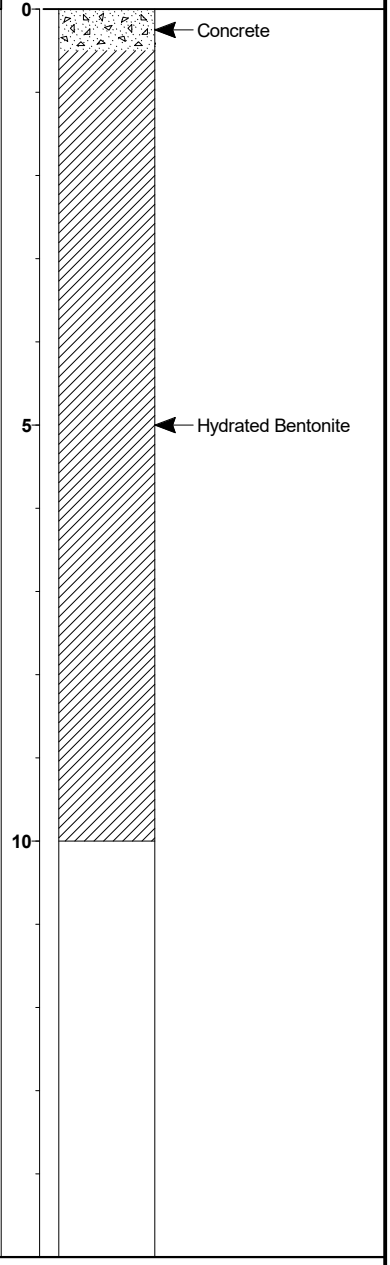
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
	1		B18-1			SM		Brown, Silty Very Fine Sand, Slightly Moist
	2							
	3							
1	4							
	5		B18-5			SM		Brown, Silty Very Fine Sand With Some Gravel, Sublightly Moist
	6							
2	7							
	8							
	9							
3	10		B18-10			SM		Brown, Silty Very Fine Sand, Slightly Moist
	11							
	12							
4	13							
	14							
	15							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **10.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B19

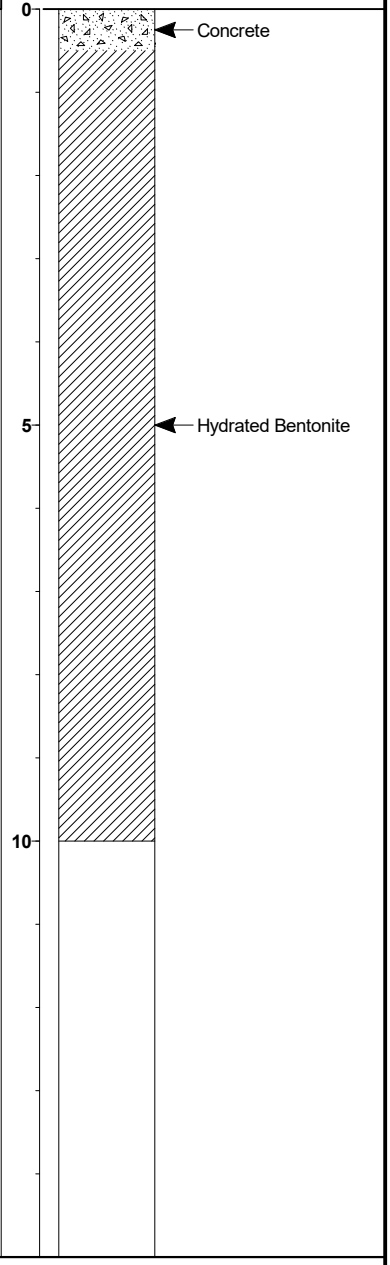
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
	1		B19-1			SM		Brown, Silty Very Fine Sand, Slightly Moist
	2							
	3							
1	4							
	5		B19-5			SM		Brown, Silty Very Fine To Medium Sand With Some Gravel, Sub Angular, Poorly Sorted
	6							
2	7							
	8							
	9							
3	10		B19-10			SM		Brown, Silty Very Fine Sand, Slightly Moist
	11							
	12							
4	13							
	14							
	15							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **10.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B20

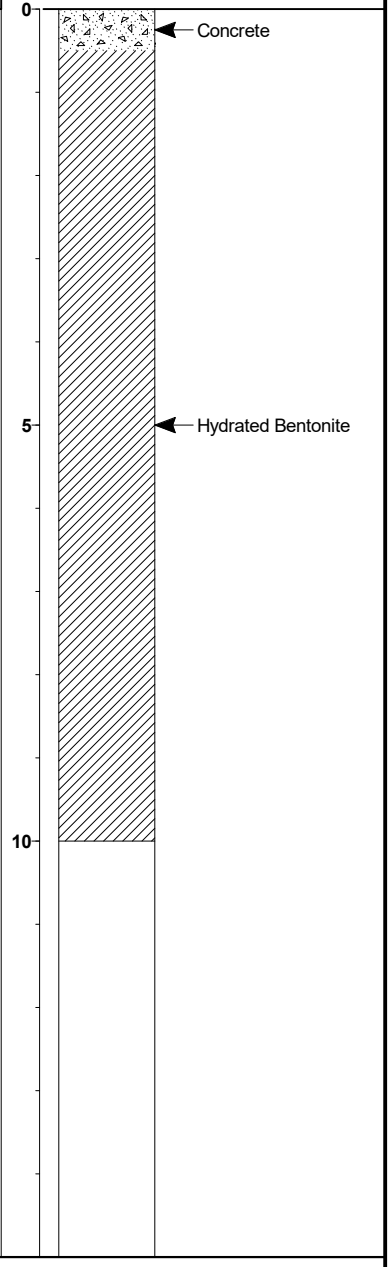
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
	1		B20-1			GW		Brown To Grey, Gravel with Silt-Sand Mixture, Sub Angular, Poorly Sorted
	2							
	3							
1	4							
	5		B20-5			SM		Brown, Silty Very Fine Sand With Some Gravel, Sublightly Moist
	6							
2	7							
	8							
	9							
3	10		B20-10			SM		Brown, Silty Very Fine Sand, Slightly Moist
	11							
	12							
4	13							
	14							
	15							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **10.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

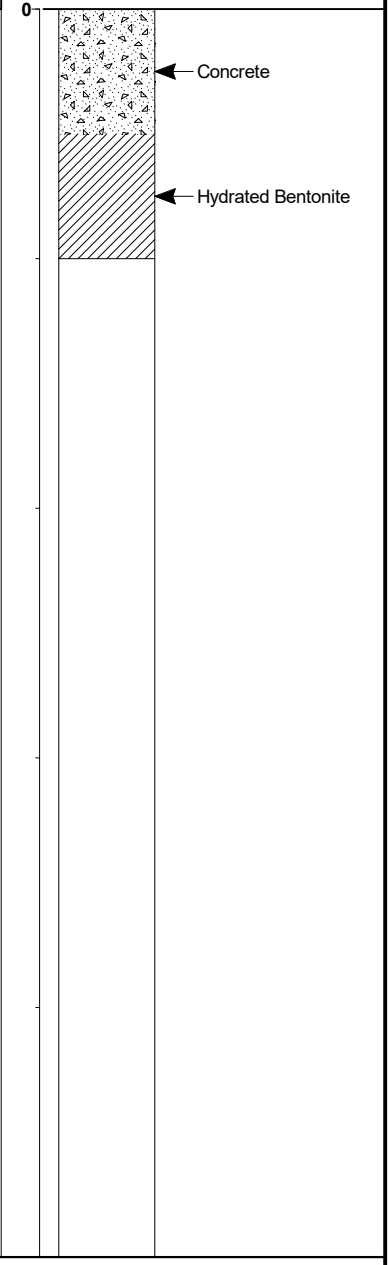
BORING NUMBER: B21

27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
			B21-1			SM		Grey, Silt-Sand Mixture With Small Gravel, Slightly Moist
	1							
	2							
	3							
1								
	4							
	5							



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **1.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

SCS ENGINEERS

BORING LOG

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816

BORING NUMBER: B22

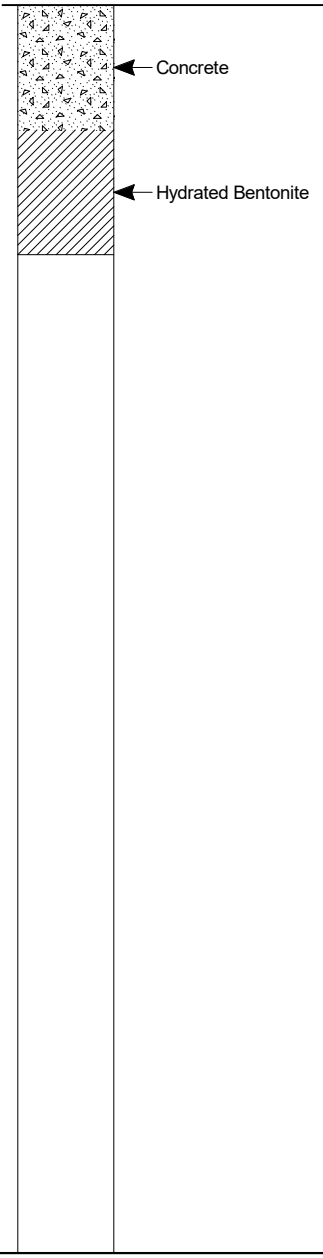
27.4-Acre Site
10798 Ramona Avenue
Montclair, California

JOB NUMBER: 01218268.00

REMARKS:

Depth (meters)	Depth (feet)	Sample Location	Sample Number	Blow Counts	OVM (ppm)	USCS Soil Class.	Graphic Log	Description
0	0							Concrete
			B22-1			SM		Brown, Silty Very Fine Sand, Slightly Moist
	1							
	2							
	3							
1								
	4							
	5							

Completion Detail



Drilling Company: **H&P Mobile Geochemistry**
Drilling Method: **Direct Push**
Logged By: **J. Vargas**
Sampling Method: **Solid Spoon**

Date Started: **3/5/19**
Date Ended: **3/6/19**
Total Depth: **1.0 ft.**
Boring Diameter: **1.75-inch**

STANDARD_LOG 01218268.00.GPJ STD_LOG.GDT 4/3/19

Appendix B

AETL Laboratory Reports

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

SCS Engineers
3900 Kilroy Airport Way Suite 100
Long Beach, CA 90806-6816

Telephone: (562)426-9544
Attention: Justin Rauzon

Number of Pages	**34**
Date Received	**03/07/2019**
Date Reported	**03/15/2019**

Job Number	Order Date	Client
96573	03/07/2019	SCS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue
Site: 10798 Ramona Ave.
Montclair, CA 91763

Enclosed please find results of analyses of 27 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

AMERICAN ENVIRONMENTAL TESTING LABORATORY
2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

CHAIN OF CUSTODY RECORD

111498

AETL JOB No. 96573

Page 4 of 6

COMPANY	SCS Engineers
PROJECT MANAGER	J. Rauzon
COMPANY ADDRESS	3900 Kilroy Airport Way, Ste 100, Long Beach, CA 90806
PHONE	562-426-9544
FAX	
PROJECT NAME	Phase II - 10798 Ramona Avenue
PROJECT #	01218268.00 TZ
SITE NAME AND ADDRESS	10798 Ramona Avenue, Montclair, CA 91763
PO#	

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TPH-GC 8015M	VOCs 8260B	Title 22 metals	TEST INSTRUCTIONS & COMMENTS
1	B10-20'	96573.01	3/5/19	15:18	SO	Acetate Slv + 5035					
2	B11-1'	96573.02	"	15:32	"	"	"	X		X	
3	B11-5'	96573.03	"	15:35	"	"	"	X	X		
4	B11-10'	96573.04	"	15:39	"	"	"				
5	B12-5'	96573.05	3/6/19	08:09	SO	Acetate Slv + 5035		X			
6	B12-10'	96573.06	"	08:15	"	"	"	X			
7	B13-5'	96573.07	"	08:29	"	"	"	X			
8	B13-10'	96573.08	"	08:33	"	"	"	X			
9	B14-1'	96573.09	"	08:43	"	"	"	X		X	
10	B14-5'	96573.10	"	08:50	"	"	"	X	X	X	
11	B14-10'	96573.11	"	08:58	"	"	"	X	X		
12	B14-15'	96573.12	"	09:06	"	"	"				
13	B14-20'	96573.13	"	09:13	"	"	"				
14	B15-1'	96573.14	"	09:29	"	"	"			X	
15	B15-5'	96573.15	"	09:33	"	"	"	X	X		

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	75	PROPERLY COOLED Y / N / NA	
CUSTODY SEALS Y / N / NA	0	SAMPLES INTACT Y / N / NA	0
RECEIVED IN GOOD COND. Y / N		SAMPLES ACCEPTED Y / N	

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☐ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

	1.	2.	3.
RELINQUISHED BY SAMPLER:	Signature:	Signature:	Signature:
	Printed Name: C. Hiles	Printed Name:	Printed Name:
	Date: 3/7/19 Time: 1115	Date: Time:	Date: 3/7/19 Time: 1222
RECEIVED BY: / RECEIVED BY LABORATORY:	Signature:	Signature:	Signature:
	Printed Name:	Printed Name:	Printed Name:
	Date: 3/7/19 Time: 1115	Date: Time:	Date: 3/7/19 Time: 1222

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

AMERICAN ENVIRONMENTAL TESTING LABORATORY

2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

CHAIN OF CUSTODY RECORD

111497

AETL JOB No. 96573

COMPANY: SCS Engineers
PROJECT MANAGER: J. Rauzon
COMPANY ADDRESS: 3900 Kilroy Airport Way, Ste 100, Long Beach, CA 90806
PHONE: 562-533-4337
FAX:
PROJECT NAME: Phase II - 10798 Ramona Avenue
PROJECT #: 01218268.00 T2
SITE NAME AND ADDRESS: 10798 Ramona Avenue, Montclair, CA 91763
PO #:

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TPH-ue 8015M	VOCs 8260B	Title 22 metals	TEST INSTRUCTIONS & COMMENTS
1	B15-10'	96573.16		09:39				X			
2	B16-1	96573.17		09:58				X		X	
3	B16-5'	96573.18		10:03				X	X		
4	B16-10'	96573.19		10:08				X	X		
5	~~B16-15'~~			~~10:~~							
6	~~B16-20'~~										
7	~~B17-1'~~										
8	B17-5'	96573.20		10:33				X	X	X	
9	B17-10'	96573.21		10:38				X			
10	B17-15'	96573.22		10:43							
11	B17-20'	96573.23		10:48				X	X		
12	B18-1'	96573.24		11:03				X		X	
13	B18-5'	96573.25		11:08				X	X	X	
14	B18-10'	96573.26		11:11							
15	B19-1'	96573.27		11:28				X		X	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	60	PROPERLY COOLED (Y) N / NA	
CUSTODY SEALS Y / (N) / NA		SAMPLES INTACT (Y) / N / NA	
RECEIVED IN GOOD COND. (Y) / N		SAMPLES ACCEPTED (Y) / N	

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY
☐ PDF
☐ GEOTRACKER (GLOBAL ID) _____
☐ OTHER (PLEASE SPECIFY) _____

	1.	2.	3.
RELINQUISHED BY: SAMPLER:	Signature: [signature]	Signature:	Signature: [signature]
	Printed Name:	Printed Name:	Printed Name: [illegible]
	Date: 3/7/19 Time: 1115	Date: Time:	Date: 3/7/19 Time: 1222
RECEIVED BY:	Signature: [signature]	Signature:	Signature:
	Printed Name: [illegible]	Printed Name:	Printed Name:
	Date: 3/7/19 Time: 1115	Date: Time:	Date: 3/7/19 Time: 1222

RECEIVED BY LABORATORY: AETL

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

AMERICAN ENVIRONMENTAL TESTING LABORATORY
2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

CHAIN OF CUSTODY RECORD

111496

AETL JOB No. 96573

COMPANY: SCS Engineers
PROJECT MANAGER: J. Rauzon
COMPANY ADDRESS: 3900 Kilroy Airport Way, Ste 100, Long Beach, CA
PHONE: 562-426-9544
FAX:
PROJECT NAME: Phase II - 10798 Ramona Avenue
PROJECT #: 01218268.00 T2
SITE NAME AND ADDRESS: 10798 Ramona Avenue, Montclair, CA 91763
PO #:

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TPH-cl 8015M	VOCs 8260B	Title 22 Metals	TEST INSTRUCTIONS & COMMENTS
1	B19-5'	96573.28	3/6/19	11:30	So	Acetate Slv	+5035	X			
2	B19-10'	96573.29	"	11:33	"	"	"				
3	B20-1'	96573.30	"	11:40	"	"	"	X		X	
4	B20-5'	96573.31	"	11:43	"	"	"	X			
5	B20-10'	96573.32	"	11:45	"	"	"				
6	B21-1'	96573.33	"	12:02	"	Acetate	None			X	
7	B22-1'	96573.34	"	12:10	"	Sleeve	"			X	
8	B3-1'	96573.35	3/5/19	10:11	So	Acetate Slv	+5035			X	
9											
10											
11											
12											
13											
14											
15											

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	32	PROPERLY COOLED Y / N / NA	
CUSTODY SEALS Y / N / NA		SAMPLES INTACT Y / N / NA	
RECEIVED IN GOOD COND. Y / N		SAMPLES ACCEPTED Y / N	

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY
☐ PDF
☐ GEOTRACKER (GLOBAL ID) _____
☐ OTHER (PLEASE SPECIFY) _____

	1.	2.	3.
RELINQUISHED BY SAMPLER:	Signature:	Signature:	Signature:
	Printed Name: [illegible]	Printed Name:	Printed Name:
	Date: 3/7/19 Time: 1115	Date: Time:	Date: 3/7/19 Time: 1227
RECEIVED BY:	Signature:	Signature:	Signature:
	Printed Name:	Printed Name:	Printed Name:
	Date: 3/7/19 Time: 1115	Date: Time:	Date: 3/7/19 Time: 1227

RECEIVED BY LABORATORY: AETL

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

COOLER RECEIPT FORM

Client Name: SCS

Project Name:

AETL Job Number: 96572, 96573

Date Received: 03/07/19 Received by: Ant

Carrier: ☒ AETL Courier ☐ Client ☐ GSO ☐ FedEx ☐ UPS

☐ Others:

Samples were received in: ☒ Cooler (5) ☐ Other (Specify):

Inside temperature of shipping container No 1: 3.3 °C, No 2: 3.2 °C, No 3: 3.2 °C 4: 3.4 °C 5: 3.2 °C

Type of sample containers: ☒ VOA, ☐ Glass bottles, ☐ ☐Wide mouth jars, ☐ ☐HDPE bottles, ☐ Metal sleeves, ☐ Others (Specify): sleeves

How are samples preserved: ☐ None, ☒ Ice , ☐ Blue Ice, ☐ Dry Ice

☐ None, ☐ HNO_3, ☐ NaOH, ☐ ZnOAc, ☐ HCl, ☐ $Na_2S_2O_3$, ☒ MeOH 78x5035kits

☐ Other (Specify): $NaHSO_4H_2O$

	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	✓		
2. Are the Sample labels legible?	✓		
3. Do samples match the COC?	✓		
4. Are the required analyses clear?	✓		
5. Is there enough samples for required analysis?	✓		
6. Are samples sealed with evidence tape?		✓	
7. Are sample containers in good condition?	✓		
8. Are samples preserved?	✓		
9. Are samples preserved properly for the intended analysis?	✓		
10. Are the VOAs free of headspace?	N/A		
11. Are the jars free of headspace?	✓		

Explain all "No" answers for above questions:

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
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Ordered By

SCS Engineers
3900 Kilroy Airport Way Suite 100
Long Beach, CA 90806-6816

Telephone: (562)426-9544
Attention: Justin Rauzon

Project ID: 01218268.00 T2
Date Received 03/07/2019
Date Reported 03/15/2019

Job Number	Order Date	Client
96573	03/07/2019	SCS

CERTIFICATE OF ANALYSIS
CASE NARRATIVE

AETL received 35 samples with the following specification on 03/07/2019.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
96573.01	B10-20'	03/05/2019	Soil	1
96573.04	B11-10'	03/05/2019	Soil	1
96573.12	B14-15'	03/06/2019	Soil	1
96573.13	B14-20'	03/06/2019	Soil	1
96573.22	B17-15'	03/06/2019	Soil	1
96573.26	B18-10'	03/06/2019	Soil	1
96573.29	B19-10'	03/06/2019	Soil	1
96573.32	B20-10'	03/06/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
ARCHIVE	03/14/2019	2	Normal	--

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
96573.02	B11-1'	03/05/2019	Soil	1
96573.09	B14-1'	03/06/2019	Soil	1
96573.17	B16-1'	03/06/2019	Soil	1
96573.24	B18-1'	03/06/2019	Soil	1
96573.27	B19-1'	03/06/2019	Soil	1
96573.30	B20-1'	03/06/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B/7000CAM)	03/14/2019	2	Normal	mg/Kg
(M8015D) ^ C13-C40	03/14/2019	2	Normal	mg/Kg
(M8015G)	03/14/2019	2	Normal	mg/Kg

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
96573.03	B11-5'	03/05/2019	Soil	1
96573.11	B14-10'	03/06/2019	Soil	1
96573.15	B15-5'	03/06/2019	Soil	1
96573.18	B16-5'	03/06/2019	Soil	1
96573.19	B16-10'	03/06/2019	Soil	1

Continued

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Ordered By

SCS Engineers
3900 Kilroy Airport Way Suite 100
Long Beach, CA 90806-6816

Telephone: (562)426-9544
Attention: Justin Rauzon

Project ID: 01218268.00 T2
Date Received 03/07/2019
Date Reported 03/15/2019

Job Number	Order Date	Client
96573	03/07/2019	SCS

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

96573.23	B17-20'	03/06/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(8260B)	03/14/2019	2	Normal	ug/Kg
(M8015D) ^ C13-C40	03/14/2019	2	Normal	mg/Kg
(M8015G)	03/14/2019	2	Normal	mg/Kg

96573.05	B12-5'	03/06/2019	Soil	1
96573.06	B12-10'	03/06/2019	Soil	1
96573.07	B13-5'	03/06/2019	Soil	1
96573.08	B13-10'	03/06/2019	Soil	1
96573.16	B15-10'	03/06/2019	Soil	1
96573.21	B17-10'	03/06/2019	Soil	1
96573.28	B19-5'	03/06/2019	Soil	1
96573.31	B20-5'	03/06/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(M8015D) ^ C13-C40	03/14/2019	2	Normal	mg/Kg
(M8015G)	03/14/2019	2	Normal	mg/Kg

96573.10	B14-5'	03/06/2019	Soil	1
96573.20	B17-5'	03/06/2019	Soil	1
96573.25	B18-5'	03/06/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B/7000CAM)	03/14/2019	2	Normal	mg/Kg
(8260B)	03/14/2019	2	Normal	ug/Kg
(M8015D) ^ C13-C40	03/14/2019	2	Normal	mg/Kg
(M8015G)	03/14/2019	2	Normal	mg/Kg

96573.14	B15-1'	03/06/2019	Soil	1
96573.33	B21-1'	03/06/2019	Soil	1
96573.34	B22-1'	03/06/2019	Soil	1
96573.35	B3-1'	03/05/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B/7000CAM)	03/14/2019	2	Normal	mg/Kg

Continued

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Ordered By

SCS Engineers **3900 Kilroy Airport Way Suite 100** **Long Beach, CA 90806-6816**	**Project ID: 01218268.00 T2** **Date Received 03/07/2019** **Date Reported 03/15/2019**
Telephone: (562)426-9544 **Attention: Justin Rauzon**	

Job Number	Order Date	Client
96573	03/07/2019	SCS

CERTIFICATE OF ANALYSIS
CASE NARRATIVE

The samples were analyzed as specified on the enclosed chain of custody. Analytical non-conformances have been noted on the report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

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ANALYTICAL RESULTS

Ordered By

SCS Engineers
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Telephone: (562)426-9544
Attn: Justin Rauzon

Site

10798 Ramona Ave.
Montclair, CA 91763

Page: **2**

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308192A1

Our Lab I.D.			Method Blank	96573.03	96573.10	96573.11	96573.15
Client Sample I.D.				B11-5'	B14-5'	B14-10'	B15-5'
Date Sampled				03/05/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/08/2019	03/05/2019	03/06/2019	03/06/2019	03/06/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	1.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	5.0	10.0	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308192A1

Our Lab I.D.			Method Blank	96573.03	96573.10	96573.11	96573.15
Client Sample I.D.				B11-5'	B14-5'	B14-10'	B15-5'
Date Sampled				03/05/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/08/2019	03/05/2019	03/06/2019	03/06/2019	03/06/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Iodomethane	5.0	10.0	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	1.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	1.5	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308192A1

Our Lab I.D.			Method Blank	96573.03	96573.10	96573.11	96573.15
Client Sample I.D.				B11-5'	B14-5'	B14-10'	B15-5'
Date Sampled				03/05/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/08/2019	03/05/2019	03/06/2019	03/06/2019	03/06/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
1,2,3-Trichloropropane	1.0	5.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND	ND	ND	ND
o-Xylene	1.0	10.0	ND	ND	ND	ND	ND
m,p-Xylenes	1.0	20.0	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	96573.03	96573.10	96573.11	96573.15
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		101	102	101	99.5	101
Dibromofluoromethane	75-125		110	110	106	96.4	108
Toluene-d8	75-125		116	114	113	112	115

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ANALYTICAL RESULTS

Ordered By

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Site

10798 Ramona Ave.
Montclair, CA 91763

Page: **5**

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308192A1

Our Lab I.D.			96573.18	96573.19	96573.20	96573.23	96573.25
Client Sample I.D.			B16-5'	B16-10'	B17-5'	B17-20'	B18-5'
Date Sampled			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	1.0	10.0	ND	ND	ND	2.12J	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	5.0	10.0	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308192A1

Our Lab I.D.			96573.18	96573.19	96573.20	96573.23	96573.25
Client Sample I.D.			B16-5'	B16-10'	B17-5'	B17-20'	B18-5'
Date Sampled			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Iodomethane	5.0	10.0	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	1.0	10.0	ND	ND	ND	1.31J	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	1.5	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308192A1

Our Lab I.D.			96573.18	96573.19	96573.20	96573.23	96573.25
Client Sample I.D.			B16-5'	B16-10'	B17-5'	B17-20'	B18-5'
Date Sampled			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
1,2,3-Trichloropropane	1.0	5.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND	ND	ND	ND
o-Xylene	1.0	10.0	ND	ND	ND	ND	ND
m,p-Xylenes	1.0	20.0	ND	ND	ND	ND	ND
Our Lab I.D.			96573.18	96573.19	96573.20	96573.23	96573.25
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		104	101	101	101	101
Dibromofluoromethane	75-125		112	108	109	111	110
Toluene-d8	75-125		116	115	115	115	116

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030819NB1

Our Lab I.D.			Method Blank	96573.02	96573.03	96573.05	96573.06
Client Sample I.D.				B11-1'	B11-5'	B12-5'	B12-10'
Date Sampled				03/05/2019	03/05/2019	03/06/2019	03/06/2019
Date Prepared			03/08/2019	03/05/2019	03/05/2019	03/06/2019	03/06/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	96573.02	96573.03	96573.05	96573.06
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		109	95.8	100	111	112

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030819NB1

Our Lab I.D.			96573.07	96573.08	96573.09	96573.10	96573.11
Client Sample I.D.			B13-5'	B13-10'	B14-1'	B14-5'	B14-10'
Date Sampled			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			96573.07	96573.08	96573.09	96573.10	96573.11
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		113	103	99.8	108	111

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030819NB1

Our Lab I.D.			96573.15	96573.16	96573.17	96573.18	96573.19
Client Sample I.D.			B15-5'	B15-10'	B16-1'	B16-5'	B16-10'
Date Sampled			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			96573.15	96573.16	96573.17	96573.18	96573.19
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		99.0	106	104	107	99.2

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030819NB1

Our Lab I.D.			**96573.20**				
Client Sample I.D.			B17-5'				
Date Sampled			**03/06/2019**				
Date Prepared			**03/06/2019**				
Preparation Method			**5035A**				
Date Analyzed			**03/08/2019**				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
TPH as Gasoline and Light HC. (C4-C12)	**0.100**	**1.000**	**ND**				
Our Lab I.D.			**96573.20**				
Surrogates	**%Rec.Limit**		**% Rec.**				
Bromofluorobenzene	**75-125**		**103**				

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030919OB1

Our Lab I.D.			Method Blank	96573.21	96573.23	96573.24	96573.25
Client Sample I.D.				B17-10'	B17-20'	B18-1'	B18-5'
Date Sampled				03/06/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/09/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/09/2019	03/09/2019	03/09/2019	03/09/2019	03/09/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	96573.21	96573.23	96573.24	96573.25
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		102	109	112	109	108

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030919OB1

Our Lab I.D.			96573.27	96573.28	96573.30	96573.31	
Client Sample I.D.			B19-1'	B19-5'	B20-1'	B20-5'	
Date Sampled			03/06/2019	03/06/2019	03/06/2019	03/06/2019	
Date Prepared			03/06/2019	03/06/2019	03/06/2019	03/06/2019	
Preparation Method			5035A	5035A	5035A	5035A	
Date Analyzed			03/09/2019	03/09/2019	03/09/2019	03/09/2019	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND	ND	
Our Lab I.D.			96573.27	96573.28	96573.30	96573.31	
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	
Bromofluorobenzene	75-125		107	110	107	111	

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB2

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			**03/08/2019**				
Preparation Method			**3550B**				
Date Analyzed			**03/11/2019**				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
TPH as Diesel (C13-C22)	**1.0**	**5.0**	**ND**				
TPH as Heavy Hydrocarbons (C23-C40)	**1.0**	**5.0**	**ND**				
TPH Total as Diesel and Heavy HC.C13-C40	**1.0**	**5.0**	**ND**				
Our Lab I.D.			Method Blank				
Surrogates	**%Rec.Limit**		**% Rec.**				
Chlorobenzene	**75-125**		**106**				

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB2

Our Lab I.D.			**96573.02**				
Client Sample I.D.			B11-1'				
Date Sampled			**03/05/2019**				
Date Prepared			**03/08/2019**				
Preparation Method			**3550B**				
Date Analyzed			**03/11/2019**				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			4				
Analytes	**MDL**	**PQL**	**Results**				
TPH as Diesel (C13-C22)	**4.0**	**20**	**44.9**				
TPH as Heavy Hydrocarbons (C23-C40)	**4.0**	**20**	**2,660**				
TPH Total as Diesel and Heavy HC.C13-C40	**4.0**	**20**	**2,705**				
Our Lab I.D.			**96573.02**				
Surrogates	**%Rec.Limit**		**% Rec.**				
Chlorobenzene	**75-125**		**104**				

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB2

Our Lab I.D.			**96573.03**	**96573.05**			
Client Sample I.D.			B11-5'	B12-5'			
Date Sampled			**03/05/2019**	**03/06/2019**			
Date Prepared			**03/08/2019**	**03/08/2019**			
Preparation Method			**3550B**	**3550B**			
Date Analyzed			**03/11/2019**	**03/11/2019**			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
TPH as Diesel (C13-C22)	**1.0**	**5.0**	**ND**	**ND**			
TPH as Heavy Hydrocarbons (C23-C40)	**1.0**	**5.0**	**ND**	**ND**			
TPH Total as Diesel and Heavy HC.C13-C40	**1.0**	**5.0**	**ND**	**ND**			
Our Lab I.D.			**96573.03**	**96573.05**			
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**			
Chlorobenzene	**75-125**		**105**	**105**			

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 031119DB2

Our Lab I.D.			Method Blank	**96573.06**	**96573.07**	**96573.08**	**96573.09**
Client Sample I.D.				B12-10'	B13-5'	B13-10'	B14-1'
Date Sampled				**03/06/2019**	**03/06/2019**	**03/06/2019**	**03/06/2019**
Date Prepared			**03/11/2019**	**03/11/2019**	**03/11/2019**	**03/11/2019**	**03/11/2019**
Preparation Method			**3550B**	**3550B**	**3550B**	**3550B**	**3550B**
Date Analyzed			**03/13/2019**	**03/13/2019**	**03/13/2019**	**03/13/2019**	**03/13/2019**
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C13-C22)	**1.0**	**5.0**	**ND**	**ND**	**ND**	**ND**	**ND**
TPH as Heavy Hydrocarbons (C23-C40)	**1.0**	**5.0**	**ND**	**ND**	**ND**	**ND**	**ND**
TPH Total as Diesel and Heavy HC.C13-C40	**1.0**	**5.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Our Lab I.D.			Method Blank	**96573.06**	**96573.07**	**96573.08**	**96573.09**
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	**75-125**		**108**	**108**	**112**	**105**	**112**

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 031119DB2

Our Lab I.D.			96573.10	96573.11	96573.15	96573.16	96573.17
Client Sample I.D.			B14-5'	B14-10'	B15-5'	B15-10'	B16-1'
Date Sampled			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/11/2019	03/11/2019	03/11/2019	03/11/2019	03/11/2019
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			03/13/2019	03/13/2019	03/13/2019	03/13/2019	03/13/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C13-C22)	1.0	5.0	ND	ND	ND	ND	8.84
TPH as Heavy Hydrocarbons (C23-C40)	1.0	5.0	ND	ND	ND	ND	79.2
TPH Total as Diesel and Heavy HC.C13-C40	1.0	5.0	ND	ND	ND	ND	88.0
Our Lab I.D.			96573.10	96573.11	96573.15	96573.16	96573.17
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	75-125		109	106	107	113	104

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 031119DB2

Our Lab I.D.			96573.18	96573.19	96573.20	96573.21	96573.23
Client Sample I.D.			B16-5'	B16-10'	B17-5'	B17-10'	B17-20'
Date Sampled			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/11/2019	03/11/2019	03/11/2019	03/11/2019	03/11/2019
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			03/13/2019	03/13/2019	03/13/2019	03/13/2019	03/13/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C13-C22)	1.0	5.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	1.0	5.0	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	1.0	5.0	ND	ND	ND	ND	ND
Our Lab I.D.			96573.18	96573.19	96573.20	96573.21	96573.23
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	75-125		104	102	101	106	103

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10798 Ramona Ave.
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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 031119DB2

Our Lab I.D.			96573.24	96573.25	96573.27	96573.28	96573.30
Client Sample I.D.			B18-1'	B18-5'	B19-1'	B19-5'	B20-1'
Date Sampled			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/11/2019	03/11/2019	03/11/2019	03/11/2019	03/11/2019
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			03/13/2019	03/13/2019	03/13/2019	03/13/2019	03/13/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C13-C22)	1.0	5.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	1.0	5.0	ND	ND	29.5	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	1.0	5.0	ND	ND	29.5	ND	ND
Our Lab I.D.			96573.24	96573.25	96573.27	96573.28	96573.30
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	75-125		103	105	114	103	107

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 031119DB2

Our Lab I.D.			**96573.31**				
Client Sample I.D.			B20-5'				
Date Sampled			**03/06/2019**				
Date Prepared			**03/11/2019**				
Preparation Method			**3550B**				
Date Analyzed			**03/14/2019**				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
TPH as Diesel (C13-C22)	**1.0**	**5.0**	**ND**				
TPH as Heavy Hydrocarbons (C23-C40)	**1.0**	**5.0**	**ND**				
TPH Total as Diesel and Heavy HC.C13-C40	**1.0**	**5.0**	**ND**				
Our Lab I.D.			**96573.31**				
Surrogates	**%Rec.Limit**		**% Rec.**				
Chlorobenzene	**75-125**		**100**				

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C2

Our Lab I.D.			Method Blank	96573.02	96573.09	96573.10	96573.14
Client Sample I.D.				B11-1'	B14-1'	B14-5'	B15-1'
Date Sampled				03/05/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/12/2019	03/12/2019	03/12/2019	03/12/2019	03/12/2019
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/13/2019	03/13/2019	03/13/2019	03/13/2019	03/13/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Antimony	1.0	5.0	ND	ND	ND	ND	ND
Arsenic	1.0	5.0	ND	ND	ND	ND	ND
Barium	2.5	5.0	ND	34.3	32.3	61.2	68.4
Beryllium	1.0	2.5	ND	ND	ND	ND	ND
Cadmium	1.0	2.5	ND	ND	ND	ND	ND
Chromium	2.5	5.0	ND	9.96	10.8	22.1	15.9
Cobalt	2.5	5.0	ND	6.19	6.87	10.7	5.76
Copper	2.5	5.0	ND	12.7	16.4	18.3	32.1
Lead	2.5	5.0	ND	ND	3.75J	2.53J	14.7
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND	ND	ND
Molybdenum	2.0	5.0	ND	ND	ND	ND	ND
Nickel	2.5	5.0	ND	13.5	7.60	14.2	8.47
Selenium	1.0	5.0	ND	ND	ND	ND	ND
Silver	2.0	5.0	ND	ND	ND	ND	ND
Thallium	0.7	5.0	ND	ND	ND	ND	ND
Vanadium	2.5	5.0	ND	26.7	26.0	39.8	26.6
Zinc	2.5	5.0	ND	34.6	39.4	54.8	61.6

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C2

Our Lab I.D.			96573.17	96573.20	96573.24	96573.25	96573.27
Client Sample I.D.			B16-1'	B17-5'	B18-1'	B18-5'	B19-1'
Date Sampled			03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
Date Prepared			03/12/2019	03/12/2019	03/12/2019	03/12/2019	03/12/2019
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/13/2019	03/13/2019	03/13/2019	03/13/2019	03/13/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Antimony	1.0	5.0	ND	ND	ND	ND	ND
Arsenic	1.0	5.0	ND	ND	ND	ND	ND
Barium	2.5	5.0	61.2	54.7	53.3	65.1	70.8
Beryllium	1.0	2.5	ND	ND	ND	ND	ND
Cadmium	1.0	2.5	ND	ND	ND	ND	ND
Chromium	2.5	5.0	23.4	19.4	18.5	23.8	16.3
Cobalt	2.5	5.0	10.8	9.76	8.97	11.2	8.92
Copper	2.5	5.0	18.6	16.4	15.4	19.1	23.2
Lead	2.5	5.0	4.11J	ND	ND	2.52J	7.78
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND	ND	ND
Molybdenum	2.0	5.0	ND	ND	ND	ND	ND
Nickel	2.5	5.0	14.5	12.3	11.6	15.1	11.2
Selenium	1.0	5.0	ND	ND	ND	ND	ND
Silver	2.0	5.0	ND	ND	ND	ND	ND
Thallium	0.7	5.0	ND	ND	ND	ND	ND
Vanadium	2.5	5.0	40.7	36.6	35.0	41.3	33.8
Zinc	2.5	5.0	57.2	49.6	49.7	53.8	128

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C3

Our Lab I.D.			Method Blank	96573.30	96573.33	96573.34	96573.35
Client Sample I.D.				B20-1'	B21-1'	B22-1'	B3-1'
Date Sampled				03/06/2019	03/06/2019	03/06/2019	03/05/2019
Date Prepared			03/12/2019	03/12/2019	03/12/2019	03/12/2019	03/12/2019
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/13/2019	03/13/2019	03/13/2019	03/13/2019	03/13/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Antimony	1.0	5.0	ND	ND	ND	ND	ND
Arsenic	1.0	5.0	ND	ND	ND	ND	ND
Barium	2.5	5.0	ND	57.7	55.7	58.6	57.7
Beryllium	1.0	2.5	ND	ND	ND	ND	ND
Cadmium	1.0	2.5	ND	ND	ND	ND	ND
Chromium	2.5	5.0	ND	17.7	17.1	17.2	19.5
Cobalt	2.5	5.0	ND	9.47	8.88	9.13	9.27
Copper	2.5	5.0	ND	15.3	15.2	19.4	16.1
Lead	2.5	5.0	ND	ND	ND	5.52	ND
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND	ND	ND
Molybdenum	2.0	5.0	ND	ND	ND	ND	ND
Nickel	2.5	5.0	ND	11.5	11.7	12.7	12.9
Selenium	1.0	5.0	ND	ND	ND	ND	ND
Silver	2.0	5.0	ND	ND	ND	ND	ND
Thallium	0.7	5.0	ND	ND	ND	ND	ND
Vanadium	2.5	5.0	ND	35.4	34.2	35.1	34.1
Zinc	2.5	5.0	ND	54.8	50.7	73.9	52.1

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10798 Ramona Ave.
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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C2; Dup or Spiked Sample: 96573.09; LCS: Clean Sand; QC Prepared: 03/12/2019; QC Analyzed: 03/13/2019; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	0.00	50.0	51.0	102	50.0	50.0	100	2.0	75-125	<15
Arsenic	0.00	50.0	49.3	98.6	50.0	48.0	96.0	2.7	75-125	<15
Barium	32.3	50.0	84.3	104	50.0	82.8	101	2.9	75-125	<15
Beryllium	0.00	50.0	41.8	83.6	50.0	41.9	83.8	<1	75-125	<15
Cadmium	0.00	50.0	47.2	94.4	50.0	46.8	93.6	<1	75-125	<15
Chromium	10.8	50.0	56.1	90.6	50.0	55.7	89.8	<1	75-125	<15
Cobalt	6.87	50.0	51.2	88.7	50.0	50.8	87.9	<1	75-125	<15
Copper	16.4	50.0	67.4	102	50.0	66.3	99.8	2.2	75-125	<15
Lead	3.75	50.0	46.4	85.3	50.0	46.3	85.1	<1	75-125	<15
Mercury (By EPA 7471)	0.0180	0.500	0.487	93.8	0.500	0.489	94.2	<1	75-125	<15
Molybdenum	0.00	50.0	45.8	91.6	50.0	45.6	91.2	<1	75-125	<15
Nickel	7.60	50.0	51.5	87.8	50.0	51.2	87.2	<1	75-125	<15
Selenium	0.00	50.0	44.0	88.0	50.0	42.6	85.2	3.2	75-125	<15
Silver	0.00	50.0	41.9	83.8	50.0	41.2	82.4	1.7	75-125	<15
Thallium	0.00	50.0	37.9	75.8	50.0	36.9 #	73.8	2.7	75-125	<15
Vanadium	26.0	50.0	77.0	102	50.0	75.7	99.4	2.6	75-125	<15
Zinc	39.4	50.0	92.9	107	50.0	92.4	106	<1	75-125	<15

QC Batch No: 0312192C2; Dup or Spiked Sample: 96573.09; LCS: Clean Sand; QC Prepared: 03/12/2019; QC Analyzed: 03/13/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Antimony	50.0	52.0	104	50.0	52.0	104	<1	75-125	<15	
Arsenic	50.0	51.5	103	50.0	51.5	103	<1	75-125	<15	
Barium	50.0	51.0	102	50.0	51.0	102	<1	75-125	<15	
Beryllium	50.0	50.5	101	50.0	50.0	100	<1	75-125	<15	
Cadmium	50.0	55.0	110	50.0	55.0	110	<1	75-125	<15	
Chromium	50.0	49.1	98.2	50.0	49.2	98.4	<1	75-125	<15	
Cobalt	50.0	53.0	106	50.0	53.0	106	<1	75-125	<15	
Copper	50.0	49.6	99.2	50.0	46.8	93.6	5.8	75-125	<15	
Lead	50.0	50.0	100	50.0	50.0	100	<1	75-125	<15	

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QUALITY CONTROL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C2; Dup or Spiked Sample: 96573.09; LCS: Clean Sand; QC Prepared: 03/12/2019; QC Analyzed: 03/13/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Mercury (By EPA 7471)	**0.500**	**0.412**	**82.3**	**0.500**	**0.409**	**81.7**	**<1**	**75-125**	**<15**	
Molybdenum	**50.0**	**50.0**	**100**	**50.0**	**49.7**	**99.4**	**<1**	**75-125**	**<15**	
Nickel	**50.0**	**50.0**	**100**	**50.0**	**49.9**	**99.8**	**<1**	**75-125**	**<15**	
Selenium	**50.0**	**52.0**	**104**	**50.0**	**53.0**	**106**	**1.9**	**75-125**	**<15**	
Silver	**50.0**	**50.5**	**101**	**50.0**	**50.5**	**101**	**<1**	**75-125**	**<15**	
Thallium	**50.0**	**51.0**	**102**	**50.0**	**51.0**	**102**	**<1**	**75-125**	**<15**	
Vanadium	**50.0**	**51.5**	**103**	**50.0**	**51.5**	**103**	**<1**	**75-125**	**<15**	
Zinc	**50.0**	**55.5**	**111**	**50.0**	**55.0**	**110**	**<1**	**75-125**	**<15**	

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C3; Dup or Spiked Sample: 96573.30; LCS: Clean Sand; QC Prepared: 03/12/2019; QC Analyzed: 03/13/2019; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	0.00	50.0	48.4	96.8	50.0	48.7	97.4	<1	75-125	<15
Arsenic	0.00	50.0	41.4	82.8	50.0	41.6	83.2	<1	75-125	<15
Barium	57.7	50.0	102	88.6	50.0	101	86.6	2.3	75-125	<15
Beryllium	0.00	50.0	37.7	75.4	50.0	38.0	76.0	<1	75-125	<15
Cadmium	0.00	50.0	44.7	89.4	50.0	44.7	89.4	<1	75-125	<15
Chromium	17.7	50.0	59.5	83.6	50.0	59.6	83.8	<1	75-125	<15
Cobalt	9.47	50.0	50.1	81.3	50.0	50.1	81.3	<1	75-125	<15
Copper	15.3	50.0	61.9	93.2	50.0	61.9	93.2	<1	75-125	<15
Lead	0.00	50.0	39.7	79.4	50.0	39.5	79.0	<1	75-125	<15
Mercury (By EPA 7471)	0.0180	0.500	0.438	84.0	0.500	0.434	83.2	<1	75-125	<15
Molybdenum	0.00	50.0	43.3	86.6	50.0	43.5	87.0	<1	75-125	<15
Nickel	11.5	50.0	52.1	81.2	50.0	52.2	81.4	<1	75-125	<15
Selenium	0.00	50.0	37.4 #	74.8	50.0	38.1	76.2	1.9	75-125	<15
Silver	0.00	50.0	38.3	76.6	50.0	38.2	76.4	<1	75-125	<15
Thallium	0.00	50.0	34.2 #	68.4	50.0	33.5 #	67.0	2.1	75-125	<15
Vanadium	35.4	50.0	81.3	91.8	50.0	80.7	90.6	1.3	75-125	<15
Zinc	54.8	50.0	99.1	88.6	50.0	99.1	88.6	<1	75-125	<15

QC Batch No: 0312192C3; Dup or Spiked Sample: 96573.30; LCS: Clean Sand; QC Prepared: 03/12/2019; QC Analyzed: 03/13/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Antimony	50.0	51.0	102	50.0	50.5	101	<1	75-125	<15	
Arsenic	50.0	51.0	102	50.0	51.5	103	<1	75-125	<15	
Barium	50.0	51.5	103	50.0	51.0	102	<1	75-125	<15	
Beryllium	50.0	49.6	99.2	50.0	49.7	99.4	<1	75-125	<15	
Cadmium	50.0	54.0	108	50.0	54.5	109	<1	75-125	<15	
Chromium	50.0	48.6	97.2	50.0	48.9	97.8	<1	75-125	<15	
Cobalt	50.0	52.0	104	50.0	52.5	105	<1	75-125	<15	
Copper	50.0	50.0	100	50.0	49.5	99.0	1.0	75-125	<15	
Lead	50.0	49.1	98.2	50.0	49.2	98.4	<1	75-125	<15	

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QUALITY CONTROL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C3; Dup or Spiked Sample: 96573.30; LCS: Clean Sand; QC Prepared: 03/12/2019; QC Analyzed: 03/13/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Mercury (By EPA 7471)	**0.500**	**0.438**	**87.5**	**0.500**	**0.437**	**87.4**	**<1**	**75-125**	**<15**	
Molybdenum	**50.0**	**49.4**	**98.8**	**50.0**	**49.7**	**99.4**	**<1**	**75-125**	**<15**	
Nickel	**50.0**	**51.0**	**102**	**50.0**	**50.5**	**101**	**<1**	**75-125**	**<15**	
Selenium	**50.0**	**53.0**	**106**	**50.0**	**53.5**	**107**	**<1**	**75-125**	**<15**	
Silver	**50.0**	**51.0**	**102**	**50.0**	**50.5**	**101**	**<1**	**75-125**	**<15**	
Thallium	**50.0**	**49.4**	**98.8**	**50.0**	**51.0**	**102**	**3.2**	**75-125**	**<15**	
Vanadium	**50.0**	**52.0**	**104**	**50.0**	**52.0**	**104**	**<1**	**75-125**	**<15**	
Zinc	**50.0**	**54.5**	**109**	**50.0**	**55.0**	**110**	**<1**	**75-125**	**<15**	

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Page: **29**

Site

10798 Ramona Ave.
Montclair, CA 91763

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308192A1; Dup or Spiked Sample: 96573.11; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/08/2019; Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	0.00	50.0	43.2	86.4	50.0	41.7	83.4	3.5	75-125	<20
Carbon tetrachloride	0.00	50.0	44.4	88.8	50.0	42.4	84.8	4.6	75-125	<20
Chlorobenzene	0.00	50.0	47.1	94.2	50.0	45.8	91.6	2.8	75-125	<20
Chloroform (Trichloromethane)	0.00	50.0	43.3	86.6	50.0	42.7	85.4	1.4	75-125	<20
1,2-Dichlorobenzene	0.00	50.0	46.3	92.6	50.0	45.5	91.0	1.7	75-125	<20
1,1-Dichloroethane	0.00	50.0	43.4	86.8	50.0	42.6	85.2	1.9	75-125	<20
1,1-Dichloroethene	0.00	50.0	41.1	82.2	50.0	40.2	80.4	2.2	75-125	<20
cis-1,2-Dichloroethene	0.00	50.0	43.9	87.8	50.0	42.5	85.0	3.2	75-125	<20
Ethylbenzene	0.00	50.0	46.8	93.6	50.0	45.6	91.2	2.6	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.00	50.0	43.9	87.8	50.0	43.6	87.2	<1	75-125	<20
n-Propylbenzene	0.00	50.0	47.2	94.4	50.0	45.4	90.8	3.9	75-125	<20
Toluene (Methyl benzene)	0.00	50.0	45.9	91.8	50.0	44.7	89.4	2.6	75-125	<20
1,1,1-Trichloroethane	0.00	50.0	43.1	86.2	50.0	41.6	83.2	3.5	75-125	<20
1,1,2-Trichloroethane	0.00	50.0	39.2	78.4	50.0	38.5	77.0	1.8	75-125	<20
Trichloroethene	0.00	50.0	41.8	83.6	50.0	40.6	81.2	2.9	75-125	<20
1,2,4-Trimethylbenzene	0.00	50.0	49.8	99.6	50.0	48.4	96.8	2.9	75-125	<20
1,3,5-Trimethylbenzene	0.00	50.0	48.1	96.2	50.0	46.4	92.8	3.6	75-125	<20
o-Xylene	0.00	50.0	46.9	93.8	50.0	46.0	92.0	1.9	75-125	<20
m,p-Xylenes	0.00	100	91.7	91.7	100	89.4	89.4	2.5	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	50.0	49.8	99.6	50.0	49.5	98.9	<1	75-125	<20
Dibromofluoromethane	0.00	50.0	53.5	107	50.0	52.5	105	1.9	75-125	<20
Toluene-d8	0.00	50.0	56.0	112	50.0	55.0	110	1.8	75-125	<20

QC Batch No: 0308192A1; Dup or Spiked Sample: 96573.11; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/08/2019; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Benzene	50.0	41.7	83.4	50.0	44.0	88.0	5.4	75-125	<20	
Carbon tetrachloride	50.0	43.0	86.0	50.0	44.0	88.0	2.3	75-125	<20	
Chlorobenzene	50.0	45.9	91.8	50.0	48.0	96.0	4.5	75-125	<20	

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QUALITY CONTROL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308192A1; Dup or Spiked Sample: 96573.11; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/08/2019; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Chloroform (Trichloromethane)	50.0	42.4	84.8	50.0	44.0	88.0	3.7	75-125	<20	
1,2-Dichlorobenzene	50.0	46.7	93.4	50.0	49.5	99.0	5.8	75-125	<20	
1,1-Dichloroethane	50.0	42.0	84.0	50.0	43.5	87.0	3.5	75-125	<20	
1,1-Dichloroethene	50.0	39.7	79.4	50.0	41.0	82.0	3.2	75-125	<20	
cis-1,2-Dichloroethene	50.0	45.3	90.6	50.0	47.5	95.0	4.7	75-125	<20	
Ethylbenzene	50.0	46.0	92.0	50.0	47.5	95.0	3.2	75-125	<20	
Methyl-tert-butyl ether (MTBE)	50.0	45.3	90.6	50.0	48.5	97.0	6.8	75-125	<20	
n-Propylbenzene	50.0	47.7	95.4	50.0	48.0	96.0	<1	75-125	<20	
Toluene (Methyl benzene)	50.0	44.7	89.4	50.0	47.0	94.0	5.0	75-125	<20	
1,1,1-Trichloroethane	50.0	41.4	82.8	50.0	43.0	86.0	3.8	75-125	<20	
1,1,2-Trichloroethane	50.0	41.3	82.6	50.0	45.5	91.0	9.7	75-125	<20	
Trichloroethene	50.0	42.3	84.6	50.0	45.0	90.0	6.2	75-125	<20	
1,2,4-Trimethylbenzene	50.0	48.9	97.8	50.0	50.5	101	3.2	75-125	<20	
1,3,5-Trimethylbenzene	50.0	47.7	95.4	50.0	48.5	97.0	1.7	75-125	<20	
o-Xylene	50.0	46.4	92.8	50.0	48.0	96.0	3.4	75-125	<20	
m,p-Xylenes	100	90.4	90.4	100	93.8	93.8	3.7	75-125	<20	
Surrogates										
Bromofluorobenzene	50.0	59.0	118	50.0	50.5	101	15.5	75-125	<20	
Dibromofluoromethane	50.0	52.5	105	50.0	53.0	106	<1	75-125	<20	
Toluene-d8	50.0	57.0	114	50.0	55.5	111	2.7	75-125	<20	

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10798 Ramona Ave.
Montclair, CA 91763

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB2; Dup or Spiked Sample: 96573.03; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/11/2019; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.00	500	515	103	500	525	105	1.9	75-125	<20
Surrogates										
Chlorobenzene	0.00	100	97.0	97.0	100	99.5	99.5	2.5	75-125	<20

QC Batch No: 030819DB2; Dup or Spiked Sample: 96573.03; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/11/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
TPH as Diesel (C13-C22)	500	550	110	500	525	105	4.7	75-125	<20	
Surrogates										
Chlorobenzene	100	99.9	99.9	100	100	100	<1	75-125	<20	

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 031119DB2; Dup or Spiked Sample: 96573.28; LCS: Clean Sand; QC Prepared: 03/11/2019; QC Analyzed: 03/13/2019; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.00	500	575	115	500	540	108	6.3	75-125	<20
Surrogates										
Chlorobenzene	0.00	100	99.8	99.8	100	101	101	1.2	75-125	<20

QC Batch No: 031119DB2; Dup or Spiked Sample: 96573.28; LCS: Clean Sand; QC Prepared: 03/11/2019; QC Analyzed: 03/13/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Diesel (C13-C22)	500	570	114	75-125						
Surrogates										
Chlorobenzene	100	101	101	75-125						

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10798 Ramona Ave.
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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030819NB1; Dup or Spiked Sample: 96573.11AGA; LCS: Clean Sand; QC Prepared: 03/08/2019;MS Analyzed: 03/09/2019; LCS Analyzed: 03/08/2019; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.00330	1.00	0.821	81.8	1.00	0.811	80.8	1.2	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	0.0500	0.0550	110	0.0500	0.0595	119	7.9	75-125	<20

QC Batch No: 030819NB1; Dup or Spiked Sample: 96573.11AGA; LCS: Clean Sand; QC Prepared: 03/08/2019;MS Analyzed: 03/09/2019; LCS Analyzed: 03/08/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
TPH as Gasoline and Light HC. (C4-C12)	1.00	0.908	90.8	1.00	0.910	91.0	<1	75-125	<20	
Surrogates										
Bromofluorobenzene	0.0500	0.0565	113	0.0500	0.0570	114	<1	75-125	<20	

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Site

10798 Ramona Ave.
Montclair, CA 91763

Page: **34**

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96573	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030919OB1; Dup or Spiked Sample: 96573.31AGA; LCS: Clean Sand; MS Prepared: 03/08/2019; LCS Prepared: 03/09/2019; QC Analyzed: 03/09/2019;
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.0292	1.00	0.991	96.2	1.00	0.997	96.8	<1	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	0.0500	0.0520	104	0.0500	0.0510	102	1.9	75-125	<20

QC Batch No: 030919OB1; Dup or Spiked Sample: 96573.31AGA; LCS: Clean Sand; MS Prepared: 03/08/2019; LCS Prepared: 03/09/2019; QC Analyzed: 03/09/2019;
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
TPH as Gasoline and Light HC. (C4-C12)	1.00	1.00	100	1.00	1.00	100	<1	75-125	<20	
Surrogates										
Bromofluorobenzene	0.0500	0.0510	102	0.0500	0.0520	104	1.9	75-125	<20	

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Data Qualifiers and Descriptors

Data Qualifier:

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

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Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

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Number of Pages	**43**
Date Received	**03/07/2019**
Date Reported	**03/15/2019**

Job Number	Order Date	Client
96572	03/07/2019	SCS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue
Site: 10798 Ramona Ave.
Montclair, CA 91763

Enclosed please find results of analyses of 31 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

AMERICAN ENVIRONMENTAL TESTING LABORATORY

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CHAIN OF CUSTODY RECORD

111499

AETL JOB No. 96572 Page 1 of 6

COMPANY: SCS Engineers
PROJECT MANAGER: J. Rauzon
COMPANY ADDRESS: 3900 Kilroy Airport Way, Ste 100, Long Beach, CA 90806
PHONE: 562-426-9544
FAX:
PROJECT NAME: Phase II - 10798 Ramona Avenue
PROJECT #: 01218268.00 T2
SITE NAME AND ADDRESS: 10798 Ramona Avenue, Montclair, CA 91763
PO #:

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TPH-cc 8015M	VOCs 8260B	Title 22 Metals	TEST INSTRUCTIONS & COMMENTS
1	B1-1'	96572.01	3/5/19	08:17	So	Acetate Slv	+5035			X	
2	B1-5'	96572.02		08:20				X	X		
3	B1-10'	96572.03		08:32						X	
4	B1-15'	96572.04		08:40							
5	B1-20'	96572.05		08:48				X	X		
6	B2-1'	96572.06		09:12						X	
7	B2-5'	96572.07		09:17				X	X		
8	B2-10'										No recovery
9	B2-15'	96572.08		09:29							
10	B2-20'	96572.09		09:32				X	X		
11	B3-5'	96572.10		10:15							
12	B3-10'	96572.11		10:18				X	X	X	
13	B3-15'	96572.12		10:20				X	X	X	
14	B3-20'	96572.13		10:22							
15	B4-1'	96572.14		11:01				X		X	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: 70
CUSTODY SEALS Y / N / NA: N
RECEIVED IN GOOD COND. Y / N: Y
PROPERLY COOLED Y / N / NA: N
SAMPLES INTACT Y / N / NA: Y
SAMPLES ACCEPTED Y / N: Y

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☐ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

	RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:	ECH/ES		
Printed Name:			
Date:	3/7/19 Time: 1115	Date: Time:	Date: 3/7/19 Time: 1227
	RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY LABORATORY: AETL 3.
Signature:			
Printed Name:			
Date:	3/7/19 Time: 1115	Date: Time:	Date: 03/07/19 Time: 1227

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

AMERICAN ENVIRONMENTAL TESTING LABORATORY

2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

CHAIN OF CUSTODY RECORD

111500

AETL JOB No. 96572 Page 2 of 6

COMPANY	SCS Engineers
PROJECT MANAGER	J. Rauzon
COMPANY ADDRESS	3900 Kilroy Airport Way, Ste 100, Long Beach, CA 90806
PHONE	562
FAX	
PROJECT NAME	Phase II - 10798 Ramona Avenue
PROJECT #	01218268.00 T2
SITE NAME AND ADDRESS	10798 Ramona Avenue, Montclair, CA 91763
PO #	

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TPH-GL 8015m	VOCs 8260 B	Title 22 metals	TEST INSTRUCTIONS & COMMENTS
1	B4-5'	96572.15	3/5/19	11:03	So	Acetate slv + 5035		X	X		
2	B4-10'	96572.16		11:06				X		X	
3	B4-15'	96572.17		11:09				X	X		
4	B4-20'	96572.18		11:11							
5	B5-1'	96572.19		11:23				X		X	
6	B5-5'	96572.20		11:25				X	X		
7	B5-10'	96572.21		11:28				X		X	
8	B5-15'	96572.22		11:30				X	X		
9	B5-20'	96572.23		11:32							
10	B6-1'	96572.24		11:49				X		X	
11	B6-5'	96572.25		11:51				X	X		
12	B6-10'	96572.26		11:52				X		X	
13	B6-15'	[redacted]		11:54				X	X		96572.27
14	B6-20'	[redacted]		11:56							96572.28
15	B7-1'	[redacted]		13:19						X	96572.29

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	75	PROPERLY COOLED Y / N / NA	
CUSTODY SEALS Y / N / NA		SAMPLES INTACT Y / N / NA	
RECEIVED IN GOOD COND. Y / N		SAMPLES ACCEPTED Y / N	

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☐ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

	RELINQUISHED BY: SAMPLER	1.	RELINQUISHED BY:	2.	RELINQUISHED BY:	3.
Signature:	EC HALES					
Printed Name:						
Date:	3/7/19				3/7/19	
Time:	1115				1222	
	RECEIVED BY:	1.	RECEIVED BY:	2.	RECEIVED BY LABORATORY: AETL	3.
Signature:						
Printed Name:						
Date:	3/7/19				3/7/19	
Time:	1115				1222	

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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CHAIN OF CUSTODY RECORD

108681

AETL JOB No. 96572

Page 3 of 6

COMPANY	SCS Engineers
PROJECT MANAGER	J. Rauzon
COMPANY ADDRESS	3900 Kilroy Airport Way, Ste 100, Long Beach CA 90806
PHONE	562-533-4337
FAX	
PROJECT NAME	Phase II - 10798 Ramona Avenue
PROJECT #	01218268.00 T2
SITE NAME AND ADDRESS	10798 Ramona Avenue, Montclair, CA 91763
PO #	

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TPH-cc 8015M	VOCs 8260B	Title 22 metals
1	B7-5'	96572.30	3/5/19	13:27				X	X	
2	B7-10'	96572.31		13:34				X	X	
3	B7-15'	96572.32		13:37						
4	B7-20'	96572.33		13:45						
5	B8-5'	96572.34		13:58				X	X	
6	B8-10'	96572.35		14:31				X	X	
7	B8-15'	96572.36		14:18						
8	B8-20'	96572.37		14:20				X		
9	B9-5'	96572.38		14:45				X	X	
10	B9-10'	96572.39		14:48				X	X	
11	B9-15'	96572.40		14:50						
12	B9-20'	96572.41		14:54				X	X	
13	B10-5'	96572.42		15:08				X	X	X
14	B10-10'	96572.43		15:11						
15	B10-15'	96572.44		15:15						

TEST INSTRUCTIONS & COMMENTS

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	25	PROPERLY COOLED (Y) N / NA	
CUSTODY SEALS Y / N / (NA)		SAMPLES INTACT (Y) N / NA	
RECEIVED IN GOOD COND. (Y) N		SAMPLES ACCEPTED (Y) N	

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: OCHiTES	Signature:	Signature:
Printed Name:	Printed Name:	Printed Name:
Date: 3/7/19 Time: 1115	Date: Time:	Date: 3/7/19 Time: 1227
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: 3.** AETL
Signature:	Signature:	Signature:
Printed Name:	Printed Name:	Printed Name:
Date: 3/7/19 Time: 1115	Date: Time:	Date: 3/7/19 Time: 1227

TURN AROUND TIME

- [X] NORMAL
- [ ] RUSH
  - [ ] SAME DAY
  - [ ] NEXT DAY
  - [ ] 2 DAYS
  - [ ] 3 DAYS

DATA DELIVERABLE REQUIRED

- [ ] HARD COPY
- [ ] PDF
- [ ] GEOTRACKER (GLOBAL ID) _____
- [ ] OTHER (PLEASE SPECIFY) _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

COOLER RECEIPT FORM

Client Name: SCS

Project Name:

AETL Job Number: 96572, 96573

Date Received: 03/07/19 Received by: AT

Carrier: ☒ AETL Courier ☐ Client ☐ GSO ☐ FedEx ☐ UPS

☐ Others:

Samples were received in: ☒ Cooler (5) ☐ Other (Specify):

Inside temperature of shipping container No 1: 3.3 °C, No 2: 3.2 °C, No 3: 3.2 °C 4. 3.4 °C 5. 3.2 °C

Type of sample containers: ☐ VOA, ☐ Glass bottles, ☐ ☐Wide mouth jars, ☐ ☐HDPE bottles, ☐ Metal sleeves, ☐ Others (Specify): sleeves

How are samples preserved: ☐ None, ☒ Ice , ☐ Blue Ice, ☐ Dry Ice

☐ None, ☐ HNO_3, ☐ NaOH, ☐ ZnOAc, ☐ HCl, ☐ $Na_2S_2O_3$,

☒ MeOH 78 x 5035 kits

☐ Other (Specify): $NaHSO_4 H_2O$

	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	Y		
2. Are the Sample labels legible?	Y		
3. Do samples match the COC?	Y		
4. Are the required analyses clear?	Y		
5. Is there enough samples for required analysis?	Y		
6. Are samples sealed with evidence tape?		Y	
7. Are sample containers in good condition?	Y		
8. Are samples preserved?	Y		
9. Are samples preserved properly for the intended analysis?	Y		
10. Are the VOAs free of headspace?	N/A		
11. Are the jars free of headspace?	2		

Explain all "No" answers for above questions:

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Ordered By

SCS Engineers
3900 Kilroy Airport Way Suite 100
Long Beach, CA 90806-6816

Telephone: (562)426-9544
Attention: Justin Rauzon

Project ID: 01218268.00 T2
Date Received 03/07/2019
Date Reported 03/15/2019

Job Number	Order Date	Client
96572	03/07/2019	SCS

CERTIFICATE OF ANALYSIS
CASE NARRATIVE

AETL received 44 samples with the following specification on 03/07/2019.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
96572.01	B1-1'	03/05/2019	Soil	1
96572.03	B1-10'	03/05/2019	Soil	1
96572.06	B2-1'	03/05/2019	Soil	1
96572.29	B7-1'	03/05/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B/7000CAM)	03/14/2019	2	Normal	mg/Kg

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
96572.02	B1-5'	03/05/2019	Soil	1
96572.05	B1-20'	03/05/2019	Soil	1
96572.07	B2-5'	03/05/2019	Soil	1
96572.09	B2-20'	03/05/2019	Soil	1
96572.12	B3-15'	03/05/2019	Soil	1
96572.15	B4-5'	03/05/2019	Soil	1
96572.17	B4-15'	03/05/2019	Soil	1
96572.20	B5-5'	03/05/2019	Soil	1
96572.22	B5-15'	03/05/2019	Soil	1
96572.25	B6-5'	03/05/2019	Soil	1
96572.27	B6-15'	03/05/2019	Soil	1
96572.30	B7-5'	03/05/2019	Soil	1
96572.31	B7-10'	03/05/2019	Soil	1
96572.34	B8-5'	03/05/2019	Soil	1
96572.35	B8-10'	03/05/2019	Soil	1
96572.38	B9-5'	03/05/2019	Soil	1
96572.39	B9-10'	03/05/2019	Soil	1
96572.41	B9-20'	03/05/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(8260B)	03/14/2019	2	Normal	ug/Kg

Continued

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Long Beach, CA 90806-6816

Telephone: (562)426-9544
Attention: Justin Rauzon

Project ID: 01218268.00 T2
Date Received 03/07/2019
Date Reported 03/15/2019

Job Number	Order Date	Client
96572	03/07/2019	SCS

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

96572.41	B9-20'	03/05/2019	Soil			1
	Method ^ Submethod	***Req Date***	***Priority***	***TAT***	***Units***	
	(M8015D) ^ C13-C40	03/14/2019	2	Normal	mg/Kg	
	(M8015G)	03/14/2019	2	Normal	mg/Kg	
96572.04	B1-15'	03/05/2019	Soil			1
96572.08	B2-15'	03/05/2019	Soil			1
96572.10	B3-5'	03/05/2019	Soil			1
96572.13	B3-20'	03/05/2019	Soil			1
96572.18	B4-20'	03/05/2019	Soil			1
96572.23	B5-20'	03/05/2019	Soil			1
96572.28	B6-20'	03/05/2019	Soil			1
96572.32	B7-15'	03/05/2019	Soil			1
96572.33	B7-20'	03/05/2019	Soil			1
96572.36	B8-15'	03/05/2019	Soil			1
96572.40	B9-15'	03/05/2019	Soil			1
96572.43	B10-10'	03/05/2019	Soil			1
96572.44	B10-15'	03/05/2019	Soil			1
	Method ^ Submethod	***Req Date***	***Priority***	***TAT***	***Units***	
	ARCHIVE	03/14/2019	2	Normal	--	
96572.11	B3-10'	03/05/2019	Soil			1
96572.42	B10-5'	03/05/2019	Soil			1
	Method ^ Submethod	***Req Date***	***Priority***	***TAT***	***Units***	
	(6010B/7000CAM)	03/14/2019	2	Normal	mg/Kg	
	(8260B)	03/14/2019	2	Normal	ug/Kg	
	(M8015D) ^ C13-C40	03/14/2019	2	Normal	mg/Kg	
	(M8015G)	03/14/2019	2	Normal	mg/Kg	
96572.14	B4-1'	03/05/2019	Soil			1
96572.16	B4-10'	03/05/2019	Soil			1
96572.19	B5-1'	03/05/2019	Soil			1
96572.21	B5-10'	03/05/2019	Soil			1

Continued

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Ordered By

SCS Engineers
3900 Kilroy Airport Way Suite 100
Long Beach, CA 90806-6816

Telephone: (562)426-9544
Attention: Justin Rauzon

Project ID: 01218268.00 T2
Date Received 03/07/2019
Date Reported 03/15/2019

Job Number	Order Date	Client
96572	03/07/2019	SCS

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

96572.24	B6-1'	03/05/2019	Soil	1
96572.26	B6-10'	03/05/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B/7000CAM)	03/14/2019	2	Normal	mg/Kg
(M8015D) ^ C13-C40	03/14/2019	2	Normal	mg/Kg
(M8015G)	03/14/2019	2	Normal	mg/Kg

96572.37	B8-20'	03/05/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(M8015D) ^ C13-C40	03/14/2019	2	Normal	mg/Kg
(M8015G)	03/14/2019	2	Normal	mg/Kg

The samples were analyzed as specified on the enclosed chain of custody. Analytical non-conformances have been noted on the report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

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ANALYTICAL RESULTS

Ordered By

SCS Engineers
3900 Kilroy Airport Way
Suite 100
Long Beach, CA 90806-6816

Telephone: (562)426-9544
Attn: Justin Rauzon

Site

10798 Ramona Ave.
Montclair, CA 91763

Page: **2**

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0307191A1

Our Lab I.D.			Method Blank	96572.02	96572.05	96572.07	96572.09
Client Sample I.D.				B1-5'	B1-20'	B2-5'	B2-20'
Date Sampled				03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/07/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/07/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	1.0	10.0	ND	ND	7.46J	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	5.0	10.0	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0307191A1

Our Lab I.D.			Method Blank	96572.02	96572.05	96572.07	96572.09
Client Sample I.D.				B1-5'	B1-20'	B2-5'	B2-20'
Date Sampled				03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/07/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/07/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Iodomethane	5.0	10.0	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	1.0	10.0	ND	ND	4.14J	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	1.5	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0307191A1

Our Lab I.D.			Method Blank	96572.02	96572.05	96572.07	96572.09
Client Sample I.D.				B1-5'	B1-20'	B2-5'	B2-20'
Date Sampled				03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/07/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/07/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
1,2,3-Trichloropropane	1.0	5.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND	ND	ND	ND
o-Xylene	1.0	10.0	ND	ND	ND	ND	ND
m,p-Xylenes	1.0	20.0	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	96572.02	96572.05	96572.07	96572.09
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		95.6	95.5	97.7	96.7	96.0
Dibromofluoromethane	75-125		106	109	112	110	110
Toluene-d8	75-125		113	112	115	114	113

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ANALYTICAL RESULTS

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0307191A1

Our Lab I.D.			96572.11	96572.12	96572.15	96572.17	
Client Sample I.D.			B3-10'	B3-15'	B4-5'	B4-15'	
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	
Date Prepared			03/05/2019	03/05/2019	03/05/2019	03/05/2019	
Preparation Method			5035A	5035A	5035A	5035A	
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	
Matrix			Soil	Soil	Soil	Soil	
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor			1	1	1	1	
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	
Acetone	25	50	ND	ND	ND	ND	
Benzene	1.0	10.0	ND	ND	ND	ND	
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	
2-Butanone (MEK)	25	50	ND	ND	ND	ND	
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	
Carbon Disulfide	25	50	ND	ND	ND	ND	
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	
Chloroethane	15	30	ND	ND	ND	ND	
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	
1,2-Dibromo-3-chloropropane (DBCP)	5.0	10.0	ND	ND	ND	ND	
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	
Dibromomethane	5.0	10.0	ND	ND	ND	ND	
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0307191A1

Our Lab I.D.			96572.11	96572.12	96572.15	96572.17	
Client Sample I.D.			B3-10'	B3-15'	B4-5'	B4-15'	
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	
Date Prepared			03/05/2019	03/05/2019	03/05/2019	03/05/2019	
Preparation Method			5035A	5035A	5035A	5035A	
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	
Matrix			Soil	Soil	Soil	Soil	
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor			1	1	1	1	
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	
Hexachlorobutadiene	15	30	ND	ND	ND	ND	
2-Hexanone	25	50	ND	ND	ND	ND	
Iodomethane	5.0	10.0	ND	ND	ND	ND	
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND	ND	ND	
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	
Naphthalene	5.0	10.0	ND	ND	ND	ND	
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	
Styrene	5.0	10.0	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	
Toluene (Methyl benzene)	1.0	10.0	ND	ND	ND	ND	
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	
Trichloroethene	1.5	10.0	ND	ND	ND	ND	
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0307191A1

Our Lab I.D.			96572.11	96572.12	96572.15	96572.17	
Client Sample I.D.			B3-10'	B3-15'	B4-5'	B4-15'	
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	
Date Prepared			03/05/2019	03/05/2019	03/05/2019	03/05/2019	
Preparation Method			5035A	5035A	5035A	5035A	
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	
Matrix			Soil	Soil	Soil	Soil	
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor			1	1	1	1	
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	
1,2,3-Trichloropropane	1.0	5.0	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	
Vinyl Acetate	25	50	ND	ND	ND	ND	
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND	ND	ND	
o-Xylene	1.0	10.0	ND	ND	ND	ND	
m,p-Xylenes	1.0	20.0	ND	ND	ND	ND	
Our Lab I.D.			96572.11	96572.12	96572.15	96572.17	
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	
Bromofluorobenzene	75-125		95.1	94.6	95.7	95.0	
Dibromofluoromethane	75-125		111	110	111	110	
Toluene-d8	75-125		114	112	113	112	

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ANALYTICAL RESULTS

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Page: **8**

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308191A1

Our Lab I.D.			Method Blank	96572.20	96572.22	96572.25	96572.27
Client Sample I.D.				B5-5'	B5-15'	B6-5'	B6-15'
Date Sampled				03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/08/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	1.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	5.0	10.0	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308191A1

Our Lab I.D.			Method Blank	96572.20	96572.22	96572.25	96572.27
Client Sample I.D.				B5-5'	B5-15'	B6-5'	B6-15'
Date Sampled				03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/08/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Iodomethane	5.0	10.0	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	1.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	1.5	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308191A1

Our Lab I.D.			Method Blank	96572.20	96572.22	96572.25	96572.27
Client Sample I.D.				B5-5'	B5-15'	B6-5'	B6-15'
Date Sampled				03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/08/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
1,2,3-Trichloropropane	1.0	5.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND	ND	ND	ND
o-Xylene	1.0	10.0	ND	ND	ND	ND	ND
m,p-Xylenes	1.0	20.0	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	96572.20	96572.22	96572.25	96572.27
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		94.8	97.0	81.6	95.5	96.3
Dibromofluoromethane	75-125		108	109	92.4	109	108
Toluene-d8	75-125		113	112	93.4	112	112

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ANALYTICAL RESULTS

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308191A1

Our Lab I.D.			96572.30	96572.31	96572.34	96572.35	96572.38
Client Sample I.D.			B7-5'	B7-10'	B8-5'	B8-10'	B9-5'
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	1.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	5.0	10.0	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308191A1

Our Lab I.D.			96572.30	96572.31	96572.34	96572.35	96572.38
Client Sample I.D.			B7-5'	B7-10'	B8-5'	B8-10'	B9-5'
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Iodomethane	5.0	10.0	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	1.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	1.5	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308191A1

Our Lab I.D.			96572.30	96572.31	96572.34	96572.35	96572.38
Client Sample I.D.			B7-5'	B7-10'	B8-5'	B8-10'	B9-5'
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
1,2,3-Trichloropropane	1.0	5.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND	ND	ND	ND
o-Xylene	1.0	10.0	ND	ND	ND	ND	ND
m,p-Xylenes	1.0	20.0	ND	ND	ND	ND	ND
Our Lab I.D.			96572.30	96572.31	96572.34	96572.35	96572.38
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		95.3	95.8	98.0	96.8	95.7
Dibromofluoromethane	75-125		107	109	108	108	108
Toluene-d8	75-125		112	112	113	113	112

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308191A1

Our Lab I.D.			96572.39	96572.41	96572.42		
Client Sample I.D.			B9-10'	B9-20'	B10-5'		
Date Sampled			03/05/2019	03/05/2019	03/05/2019		
Date Prepared			03/05/2019	03/05/2019	03/05/2019		
Preparation Method			5035A	5035A	5035A		
Date Analyzed			03/08/2019	03/08/2019	03/08/2019		
Matrix			Soil	Soil	Soil		
Units			ug/Kg	ug/Kg	ug/Kg		
Dilution Factor			1	1	1		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
Acetone	25	50	ND	ND	ND		
Benzene	1.0	10.0	ND	1.35J	ND		
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND		
Bromochloromethane	5.0	10.0	ND	ND	ND		
Bromodichloromethane	5.0	10.0	ND	ND	ND		
Bromoform (Tribromomethane)	25	50	ND	ND	ND		
Bromomethane (Methyl bromide)	15	30	ND	ND	ND		
2-Butanone (MEK)	25	50	ND	ND	ND		
n-Butylbenzene	5.0	10.0	ND	ND	ND		
sec-Butylbenzene	5.0	10.0	ND	ND	ND		
tert-Butylbenzene	5.0	10.0	ND	ND	ND		
Carbon Disulfide	25	50	ND	ND	ND		
Carbon tetrachloride	5.0	10.0	ND	ND	ND		
Chlorobenzene	5.0	10.0	ND	ND	ND		
Chloroethane	15	30	ND	ND	ND		
2-Chloroethyl vinyl ether	50	50	ND	ND	ND		
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND		
Chloromethane (Methyl chloride)	15	30	ND	ND	ND		
2-Chlorotoluene	5.0	10.0	ND	ND	ND		
4-Chlorotoluene	5.0	10.0	ND	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	5.0	10.0	ND	ND	ND		
Dibromochloromethane	5.0	10.0	ND	ND	ND		
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND		
Dibromomethane	5.0	10.0	ND	ND	ND		
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND		
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND		
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND		

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308191A1

Our Lab I.D.			96572.39	96572.41	96572.42		
Client Sample I.D.			B9-10'	B9-20'	B10-5'		
Date Sampled			03/05/2019	03/05/2019	03/05/2019		
Date Prepared			03/05/2019	03/05/2019	03/05/2019		
Preparation Method			5035A	5035A	5035A		
Date Analyzed			03/08/2019	03/08/2019	03/08/2019		
Matrix			Soil	Soil	Soil		
Units			ug/Kg	ug/Kg	ug/Kg		
Dilution Factor			1	1	1		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
Dichlorodifluoromethane	15	30	ND	ND	ND		
1,1-Dichloroethane	5.0	10.0	ND	ND	ND		
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND		
1,1-Dichloroethene	5.0	10.0	ND	ND	ND		
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND		
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND		
1,2-Dichloropropane	5.0	10.0	ND	ND	ND		
1,3-Dichloropropane	5.0	10.0	ND	ND	ND		
2,2-Dichloropropane	5.0	10.0	ND	ND	ND		
1,1-Dichloropropene	5.0	10.0	ND	ND	ND		
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND		
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND		
Ethylbenzene	1.0	10.0	ND	ND	ND		
Hexachlorobutadiene	15	30	ND	ND	ND		
2-Hexanone	25	50	ND	ND	ND		
Iodomethane	5.0	10.0	ND	ND	ND		
Isopropylbenzene	5.0	10.0	ND	ND	ND		
p-Isopropyltoluene	5.0	10.0	ND	ND	ND		
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND		
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND	ND		
Methylene chloride (DCM)	25	50	ND	ND	ND		
Naphthalene	5.0	10.0	ND	ND	ND		
n-Propylbenzene	5.0	10.0	ND	ND	ND		
Styrene	5.0	10.0	ND	ND	ND		
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND		
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND		
Tetrachloroethene	2.0	10.0	ND	ND	ND		
Toluene (Methyl benzene)	1.0	10.0	ND	ND	3.23J		
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND		
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND		
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND		
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND		
Trichloroethene	1.5	10.0	ND	ND	ND		
Trichlorofluoromethane	5.0	10.0	ND	ND	ND		

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ANALYTICAL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308191A1

Our Lab I.D.			96572.39	96572.41	96572.42		
Client Sample I.D.			B9-10'	B9-20'	B10-5'		
Date Sampled			03/05/2019	03/05/2019	03/05/2019		
Date Prepared			03/05/2019	03/05/2019	03/05/2019		
Preparation Method			5035A	5035A	5035A		
Date Analyzed			03/08/2019	03/08/2019	03/08/2019		
Matrix			Soil	Soil	Soil		
Units			ug/Kg	ug/Kg	ug/Kg		
Dilution Factor			1	1	1		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
1,2,3-Trichloropropane	1.0	5.0	ND	ND	ND		
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND		
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND		
Vinyl Acetate	25	50	ND	ND	ND		
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND	ND		
o-Xylene	1.0	10.0	ND	ND	ND		
m,p-Xylenes	1.0	20.0	ND	ND	ND		
Our Lab I.D.			96572.39	96572.41	96572.42		
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**		
Bromofluorobenzene	75-125		95.4	95.0	95.3		
Dibromofluoromethane	75-125		108	108	109		
Toluene-d8	75-125		112	112	112		

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ANALYTICAL RESULTS

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030719OB1

Our Lab I.D.			Method Blank	96572.02	96572.05	96572.07	96572.09
Client Sample I.D.				B1-5'	B1-20'	B2-5'	B2-20'
Date Sampled				03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/07/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/07/2019	03/07/2019	03/07/2019	03/07/2019	03/07/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	96572.02	96572.05	96572.07	96572.09
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		99.8	108	108	104	106

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030719OB1

Our Lab I.D.			96572.11	96572.12	96572.14	96572.15	96572.16
Client Sample I.D.			B3-10'	B3-15'	B4-1'	B4-5'	B4-10'
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/07/2019	03/07/2019	03/07/2019	03/07/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			96572.11	96572.12	96572.14	96572.15	96572.16
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		102	103	105	109	105

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Page: **19**

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030719OB1

Our Lab I.D.			96572.17	96572.19	96572.20	96572.21	96572.22
Client Sample I.D.			B4-15'	B5-1'	B5-5'	B5-10'	B5-15'
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			96572.17	96572.19	96572.20	96572.21	96572.22
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		107	106	108	105	104

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10798 Ramona Ave.
Montclair, CA 91763

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030719OB1

Our Lab I.D.			**96572.24**				
Client Sample I.D.			B6-1'				
Date Sampled			**03/05/2019**				
Date Prepared			**03/05/2019**				
Preparation Method			**5035A**				
Date Analyzed			**03/08/2019**				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
TPH as Gasoline and Light HC. (C4-C12)	**0.100**	**1.000**	**ND**				
Our Lab I.D.			**96572.24**				
Surrogates	**%Rec.Limit**		**% Rec.**				
Bromofluorobenzene	**75-125**		**105**				

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030819OB1

Our Lab I.D.			Method Blank	96572.25	96572.26	96572.27	96572.30
Client Sample I.D.				B6-5'	B6-10'	B6-15'	B7-5'
Date Sampled				03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/08/2019	03/07/2019	03/07/2019	03/07/2019	03/07/2019
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	96572.25	96572.26	96572.27	96572.30
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		111	110	98.6	99.8	107

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030819OB1

Our Lab I.D.			96572.31	96572.34	96572.35	96572.37	96572.38
Client Sample I.D.			B7-10'	B8-5'	B8-10'	B8-20'	B9-5'
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/07/2019	03/07/2019	03/07/2019	03/07/2019	03/07/2019
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			96572.31	96572.34	96572.35	96572.37	96572.38
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		107	104	97.6	102	111

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030819OB1

Our Lab I.D.			96572.39	96572.41	96572.42		
Client Sample I.D.			B9-10'	B9-20'	B10-5'		
Date Sampled			03/05/2019	03/05/2019	03/05/2019		
Date Prepared			03/07/2019	03/07/2019	03/07/2019		
Preparation Method			5035A	5035A	5035A		
Date Analyzed			03/08/2019	03/08/2019	03/08/2019		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND		
Our Lab I.D.			96572.39	96572.41	96572.42		
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**		
Bromofluorobenzene	75-125		101	104	107		

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB1

Our Lab I.D.			Method Blank	96572.02	96572.05	96572.07	96572.09
Client Sample I.D.				B1-5'	B1-20'	B2-5'	B2-20'
Date Sampled				03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C13-C22)	1.0	5.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	1.0	5.0	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	1.0	5.0	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	96572.02	96572.05	96572.07	96572.09
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	75-125		105	104	102	101	103

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB1

Our Lab I.D.			96572.11	96572.12	96572.14	96572.15	96572.16
Client Sample I.D.			B3-10'	B3-15'	B4-1'	B4-5'	B4-10'
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			03/08/2019	03/08/2019	03/09/2019	03/09/2019	03/09/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C13-C22)	1.0	5.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	1.0	5.0	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	1.0	5.0	ND	ND	ND	ND	ND
Our Lab I.D.			96572.11	96572.12	96572.14	96572.15	96572.16
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	75-125		106	107	102	98.5	104

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB1

Our Lab I.D.			96572.17	96572.19	96572.20	96572.21	96572.22
Client Sample I.D.			B4-15'	B5-1'	B5-5'	B5-10'	B5-15'
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			03/09/2019	03/09/2019	03/09/2019	03/09/2019	03/09/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C13-C22)	1.0	5.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	1.0	5.0	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	1.0	5.0	ND	ND	ND	ND	ND
Our Lab I.D.			96572.17	96572.19	96572.20	96572.21	96572.22
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	75-125		104	102	101	103	98.5

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB1

Our Lab I.D.			96572.25	96572.26	96572.27	96572.30	96572.31
Client Sample I.D.			B6-5'	B6-10'	B6-15'	B7-5'	B7-10'
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			03/09/2019	03/09/2019	03/09/2019	03/09/2019	03/09/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C13-C22)	1.0	5.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	1.0	5.0	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	1.0	5.0	ND	ND	ND	ND	ND
Our Lab I.D.			96572.25	96572.26	96572.27	96572.30	96572.31
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	75-125		102	102	95.5	103	103

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB1

Our Lab I.D.			**96572.24**				
Client Sample I.D.			B6-1'				
Date Sampled			**03/05/2019**				
Date Prepared			**03/08/2019**				
Preparation Method			**3550B**				
Date Analyzed			**03/09/2019**				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			5				
Analytes	**MDL**	**PQL**	**Results**				
TPH as Diesel (C13-C22)	**5**	**25**	**ND**				
TPH as Heavy Hydrocarbons (C23-C40)	**5**	**25**	**184**				
TPH Total as Diesel and Heavy HC.C13-C40	**5**	**25**	**184**				
Our Lab I.D.			**96572.24**				
Surrogates	**%Rec.Limit**		**% Rec.**				
Chlorobenzene	**75-125**		**105**				

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB2

Our Lab I.D.			Method Blank	**96572.34**	**96572.35**	**96572.37**	**96572.38**
Client Sample I.D.				B8-5'	B8-10'	B8-20'	B9-5'
Date Sampled				**03/05/2019**	**03/05/2019**	**03/05/2019**	**03/05/2019**
Date Prepared			**03/08/2019**	**03/08/2019**	**03/08/2019**	**03/08/2019**	**03/08/2019**
Preparation Method			**3550B**	**3550B**	**3550B**	**3550B**	**3550B**
Date Analyzed			**03/11/2019**	**03/11/2019**	**03/11/2019**	**03/11/2019**	**03/11/2019**
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C13-C22)	**1.0**	**5.0**	**ND**	**ND**	**13.4**	**ND**	**ND**
TPH as Heavy Hydrocarbons (C23-C40)	**1.0**	**5.0**	**ND**	**ND**	**24.3**	**ND**	**ND**
TPH Total as Diesel and Heavy HC.C13-C40	**1.0**	**5.0**	**ND**	**ND**	**37.7**	**ND**	**ND**
Our Lab I.D.			Method Blank	**96572.34**	**96572.35**	**96572.37**	**96572.38**
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	**75-125**		**106**	**104**	**100**	**105**	**104**

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB2

Our Lab I.D.			96572.39	96572.41	96572.42		
Client Sample I.D.			B9-10'	B9-20'	B10-5'		
Date Sampled			03/05/2019	03/05/2019	03/05/2019		
Date Prepared			03/08/2019	03/08/2019	03/08/2019		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			03/12/2019	03/12/2019	03/12/2019		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
TPH as Diesel (C13-C22)	1.0	5.0	1.57J	ND	ND		
TPH as Heavy Hydrocarbons (C23-C40)	1.0	5.0	ND	ND	41.7		
TPH Total as Diesel and Heavy HC.C13-C40	1.0	5.0	1.57J	ND	41.7		
Our Lab I.D.			96572.39	96572.41	96572.42		
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**		
Chlorobenzene	75-125		106	103	102		

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C4

Our Lab I.D.			Method Blank	96572.01	96572.03	96572.06	96572.11
Client Sample I.D.				B1-1'	B1-10'	B2-1'	B3-10'
Date Sampled				03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/12/2019	03/12/2019	03/12/2019	03/12/2019	03/12/2019
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/13/2019	03/13/2019	03/13/2019	03/13/2019	03/13/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Antimony	1.0	5.0	ND	ND	ND	ND	ND
Arsenic	1.0	5.0	ND	ND	ND	ND	ND
Barium	2.5	5.0	ND	56.5	45.2	41.3	41.1
Beryllium	1.0	2.5	ND	ND	ND	ND	ND
Cadmium	1.0	2.5	ND	ND	ND	ND	ND
Chromium	2.5	5.0	ND	16.5	27.3	15.4	20.3
Cobalt	2.5	5.0	ND	8.63	9.61	8.96	9.81
Copper	2.5	5.0	ND	16.6	15.9	16.3	16.0
Lead	2.5	5.0	ND	7.91	ND	ND	2.59J
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND	ND	ND
Molybdenum	2.0	5.0	ND	ND	ND	2.48J	ND
Nickel	2.5	5.0	ND	11.6	16.1	9.50	13.6
Selenium	1.0	5.0	ND	ND	ND	ND	ND
Silver	2.0	5.0	ND	ND	ND	ND	ND
Thallium	0.7	5.0	ND	ND	ND	ND	ND
Vanadium	2.5	5.0	ND	33.8	35.8	26.2	35.8
Zinc	2.5	5.0	ND	80.5	45.6	46.4	49.7

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Site

10798 Ramona Ave.
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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C4

Our Lab I.D.			96572.14	96572.16	96572.19	96572.21	96572.24
Client Sample I.D.			B4-1'	B4-10'	B5-1'	B5-10'	B6-1'
Date Sampled			03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/05/2019
Date Prepared			03/12/2019	03/12/2019	03/12/2019	03/12/2019	03/12/2019
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/13/2019	03/13/2019	03/13/2019	03/13/2019	03/13/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Antimony	1.0	5.0	ND	ND	ND	ND	ND
Arsenic	1.0	5.0	ND	ND	ND	ND	ND
Barium	2.5	5.0	52.3	46.4	54.9	42.5	53.7
Beryllium	1.0	2.5	ND	ND	ND	ND	ND
Cadmium	1.0	2.5	ND	ND	ND	ND	ND
Chromium	2.5	5.0	16.1	21.3	16.9	20.7	16.6
Cobalt	2.5	5.0	8.55	10.6	8.87	10.1	8.55
Copper	2.5	5.0	14.0	16.8	17.0	16.2	17.2
Lead	2.5	5.0	ND	ND	5.45	2.60J	7.85
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND	ND	ND
Molybdenum	2.0	5.0	ND	ND	ND	ND	ND
Nickel	2.5	5.0	10.9	14.0	11.3	13.6	11.4
Selenium	1.0	5.0	ND	ND	ND	ND	ND
Silver	2.0	5.0	ND	ND	ND	ND	ND
Thallium	0.7	5.0	ND	ND	ND	ND	ND
Vanadium	2.5	5.0	32.6	39.1	34.4	37.2	34.1
Zinc	2.5	5.0	51.3	50.9	70.7	48.2	67.1

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C4

Our Lab I.D.			96572.26	96572.29	96572.42		
Client Sample I.D.			B6-10'	B7-1'	B10-5'		
Date Sampled			03/05/2019	03/05/2019	03/05/2019		
Date Prepared			03/12/2019	03/12/2019	03/12/2019		
Preparation Method			3050B	3050B	3050B		
Date Analyzed			03/13/2019	03/13/2019	03/13/2019		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
Antimony	1.0	5.0	ND	ND	ND		
Arsenic	1.0	5.0	ND	ND	ND		
Barium	2.5	5.0	40.4	50.3	62.7		
Beryllium	1.0	2.5	ND	ND	ND		
Cadmium	1.0	2.5	ND	ND	ND		
Chromium	2.5	5.0	18.3	16.3	21.5		
Cobalt	2.5	5.0	9.20	8.46	10.5		
Copper	2.5	5.0	15.0	28.8	17.9		
Lead	2.5	5.0	ND	161	ND		
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND		
Molybdenum	2.0	5.0	ND	ND	ND		
Nickel	2.5	5.0	12.3	11.0	14.1		
Selenium	1.0	5.0	ND	ND	ND		
Silver	2.0	5.0	ND	ND	ND		
Thallium	0.7	5.0	ND	ND	ND		
Vanadium	2.5	5.0	34.2	34.1	40.3		
Zinc	2.5	5.0	45.1	210	50.8		

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10798 Ramona Ave.
Montclair, CA 91763

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C4; Dup or Spiked Sample: 96572.01; LCS: Clean Sand; QC Prepared: 03/12/2019; QC Analyzed: 03/13/2019; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	0.00	50.0	47.6	95.2	50.0	47.7	95.4	<1	75-125	<15
Arsenic	0.00	50.0	38.9	77.8	50.0	43.4	86.8	10.9	75-125	<15
Barium	56.5	50.0	99.1	85.2	50.0	99.6	86.2	1.2	75-125	<15
Beryllium	0.00	50.0	37.6	75.2	50.0	37.7	75.4	<1	75-125	<15
Cadmium	0.00	50.0	44.0	88.0	50.0	44.4	88.8	<1	75-125	<15
Chromium	16.5	50.0	57.5	82.0	50.0	57.9	82.8	<1	75-125	<15
Cobalt	8.63	50.0	48.5	79.7	50.0	48.7	80.1	<1	75-125	<15
Copper	16.6	50.0	62.3	91.4	50.0	62.5	91.8	<1	75-125	<15
Lead	7.91	50.0	46.7	77.6	50.0	45.9	76.0	2.1	75-125	<15
Mercury (By EPA 7471)	0.0220	0.500	0.433	82.2	0.500	0.429	81.4	<1	75-125	<15
Molybdenum	0.00	50.0	42.0	84.0	50.0	42.5	85.0	1.2	75-125	<15
Nickel	11.6	50.0	51.0	78.8	50.0	51.1	79.0	<1	75-125	<15
Selenium	0.00	50.0	39.2	78.4	50.0	40.2	80.4	2.5	75-125	<15
Silver	0.00	50.0	38.0	76.0	50.0	38.3	76.6	<1	75-125	<15
Thallium	0.00	50.0	32.4 #	64.8	50.0	32.4 #	64.8	<1	75-125	<15
Vanadium	33.8	50.0	79.3	91.0	50.0	79.8	92.0	1.1	75-125	<15
Zinc	80.5	50.0	132	103	50.0	133	105	1.9	75-125	<15

QC Batch No: 0312192C4; Dup or Spiked Sample: 96572.01; LCS: Clean Sand; QC Prepared: 03/12/2019; QC Analyzed: 03/13/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Antimony	50.0	49.6	99.2	50.0	48.8	97.6	1.6	75-125	<15	
Arsenic	50.0	49.6	99.2	50.0	49.7	99.4	<1	75-125	<15	
Barium	50.0	50.5	101	50.0	50.0	100	<1	75-125	<15	
Beryllium	50.0	49.0	98.0	50.0	49.0	98.0	<1	75-125	<15	
Cadmium	50.0	53.0	106	50.0	53.5	107	<1	75-125	<15	
Chromium	50.0	47.5	95.0	50.0	47.8	95.6	<1	75-125	<15	
Cobalt	50.0	51.0	102	50.0	51.5	103	<1	75-125	<15	
Copper	50.0	49.2	98.4	50.0	48.7	97.4	1.0	75-125	<15	
Lead	50.0	48.2	96.4	50.0	48.3	96.6	<1	75-125	<15	

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QUALITY CONTROL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0312192C4; Dup or Spiked Sample: 96572.01; LCS: Clean Sand; QC Prepared: 03/12/2019; QC Analyzed: 03/13/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Mercury (By EPA 7471)	**0.500**	**0.445**	**88.9**	**0.500**	**0.439**	**87.8**	**1.2**	**75-125**	**<15**	
Molybdenum	**50.0**	**48.1**	**96.2**	**50.0**	**48.2**	**96.4**	**<1**	**75-125**	**<15**	
Nickel	**50.0**	**50.0**	**100**	**50.0**	**49.5**	**99.0**	**1.0**	**75-125**	**<15**	
Selenium	**50.0**	**49.5**	**99.0**	**50.0**	**50.5**	**101**	**2.0**	**75-125**	**<15**	
Silver	**50.0**	**50.5**	**101**	**50.0**	**49.9**	**99.8**	**1.2**	**75-125**	**<15**	
Thallium	**50.0**	**48.9**	**97.8**	**50.0**	**49.0**	**98.0**	**<1**	**75-125**	**<15**	
Vanadium	**50.0**	**51.5**	**103**	**50.0**	**51.0**	**102**	**<1**	**75-125**	**<15**	
Zinc	**50.0**	**53.0**	**106**	**50.0**	**53.0**	**106**	**<1**	**75-125**	**<15**	

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0307191A1; Dup or Spiked Sample: 96552.01; LCS: Clean Sand; QC Prepared: 03/07/2019;MS Analyzed: 03/08/2019; LCS Analyzed: 03/07/2019; Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	0.00	50.0	45.2	90.4	50.0	44.5	89.0	1.6	75-125	<20
Carbon tetrachloride	0.00	50.0	50.5	101	50.0	49.8	99.6	1.4	75-125	<20
Chlorobenzene	0.00	50.0	50.0	100	50.0	49.3	98.6	1.4	75-125	<20
Chloroform (Trichloromethane)	0.00	50.0	41.7	83.4	50.0	42.0	84.0	<1	75-125	<20
1,2-Dichlorobenzene	0.00	50.0	43.4	86.8	50.0	43.2	86.4	<1	75-125	<20
1,1-Dichloroethane	0.00	50.0	40.0	80.0	50.0	40.1	80.2	<1	75-125	<20
1,1-Dichloroethene	0.00	50.0	38.0	76.0	50.0	37.8	75.6	<1	75-125	<20
cis-1,2-Dichloroethene	0.00	50.0	41.6	83.2	50.0	41.8	83.6	<1	75-125	<20
Ethylbenzene	0.00	50.0	47.6	95.2	50.0	46.6	93.2	2.1	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.00	50.0	36.0 #	72.0	50.0	36.0 #	72.0	<1	75-125	<20
n-Propylbenzene	0.00	50.0	45.4	90.8	50.0	44.5	89.0	2.0	75-125	<20
Toluene (Methyl benzene)	0.00	50.0	46.8	93.6	50.0	46.1	92.2	1.5	75-125	<20
1,1,1-Trichloroethane	0.00	50.0	48.1	96.2	50.0	47.5	95.0	1.3	75-125	<20
1,1,2-Trichloroethane	0.00	50.0	40.2	80.4	50.0	39.3	78.6	2.3	75-125	<20
Trichloroethene	0.00	50.0	64.5 #	129	50.0	65.5	131	1.5	75-125	<20
1,2,4-Trimethylbenzene	0.00	50.0	45.5	91.0	50.0	44.9	89.8	1.3	75-125	<20
1,3,5-Trimethylbenzene	0.00	50.0	44.8	89.6	50.0	44.2	88.4	1.3	75-125	<20
o-Xylene	0.00	50.0	46.6	93.2	50.0	45.9	91.8	1.5	75-125	<20
m,p-Xylenes	0.00	100	95.0	95.0	100	93.2	93.2	1.9	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	50.0	47.4	94.8	50.0	47.9	95.7	<1	75-125	<20
Dibromofluoromethane	0.00	50.0	46.9	93.7	50.0	47.6	95.2	1.6	75-125	<20
Toluene-d8	0.00	50.0	56.0	112	50.5	56.1	111	<1	75-125	<20

QC Batch No: 0307191A1; Dup or Spiked Sample: 96552.01; LCS: Clean Sand; QC Prepared: 03/07/2019;MS Analyzed: 03/08/2019; LCS Analyzed: 03/07/2019; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Benzene	50.5	48.0	95.0	50.0	48.2	96.4	1.5	75-125	<20	
Carbon tetrachloride	50.0	56.5	113	50.0	57.5	115	1.8	75-125	<20	
Chlorobenzene	50.0	54.5	109	50.0	55.0	110	<1	75-125	<20	

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QUALITY CONTROL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0307191A1; Dup or Spiked Sample: 96552.01; LCS: Clean Sand; QC Prepared: 03/07/2019;MS Analyzed: 03/08/2019; LCS Analyzed: 03/07/2019; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Chloroform (Trichloromethane)	50.0	43.7	87.4	50.0	44.2	88.4	1.1	75-125	<20	
1,2-Dichlorobenzene	50.0	51.5	103	50.0	52.0	104	<1	75-125	<20	
1,1-Dichloroethane	50.0	42.9	85.8	50.0	43.0	86.0	<1	75-125	<20	
1,1-Dichloroethene	50.0	40.9	81.8	50.0	40.8	81.6	<1	75-125	<20	
cis-1,2-Dichloroethene	50.0	45.5	91.0	50.0	46.5	93.0	2.2	75-125	<20	
Ethylbenzene	50.0	53.0	106	50.0	53.5	107	<1	75-125	<20	
Methyl-tert-butyl ether (MTBE)	50.0	46.4	92.8	50.0	46.0	92.0	<1	75-125	<20	
n-Propylbenzene	50.0	49.8	99.6	50.0	51.5	103	3.4	75-125	<20	
Toluene (Methyl benzene)	50.0	49.9	99.8	50.0	49.5	99.0	<1	75-125	<20	
1,1,1-Trichloroethane	50.0	52.0	104	50.0	53.0	106	1.9	75-125	<20	
1,1,2-Trichloroethane	50.0	50.5	101	50.0	51.5	103	2.0	75-125	<20	
Trichloroethene	50.0	54.0	108	50.0	55.5	111	2.7	75-125	<20	
1,2,4-Trimethylbenzene	50.0	51.0	102	50.0	52.0	104	1.9	75-125	<20	
1,3,5-Trimethylbenzene	50.0	49.4	98.8	50.0	50.5	101	2.2	75-125	<20	
o-Xylene	50.0	50.0	100	50.0	51.0	102	2.0	75-125	<20	
m,p-Xylenes	100	103	103	100	105	105	1.9	75-125	<20	
Surrogates										
Bromofluorobenzene	50.0	47.2	94.3	50.0	47.8	95.6	1.4	75-125	<20	
Dibromofluoromethane	50.0	50.0	100	50.0	49.3	98.6	1.4	75-125	<20	
Toluene-d8	50.0	55.5	111	50.0	54.5	109	1.8	75-125	<20	

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Page: **38**

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308191A1; Dup or Spiked Sample: 96572.42; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/08/2019; Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	0.00	50.0	45.0	90.0	50.0	44.7	89.4	<1	75-125	<20
Carbon tetrachloride	0.00	50.0	50.5	101	50.0	51.0	102	<1	75-125	<20
Chlorobenzene	0.00	50.0	49.7	99.4	50.0	50.5	101	1.6	75-125	<20
Chloroform (Trichloromethane)	0.00	50.0	40.8	81.6	50.0	40.7	81.4	<1	75-125	<20
1,2-Dichlorobenzene	0.00	50.0	42.4	84.8	50.0	44.1	88.2	3.9	75-125	<20
1,1-Dichloroethane	0.00	50.0	39.2	78.4	50.0	39.1	78.2	<1	75-125	<20
1,1-Dichloroethene	0.00	50.0	36.9 #	73.8	50.0	37.2 #	74.4	<1	75-125	<20
cis-1,2-Dichloroethene	0.00	50.0	41.6	83.2	50.0	40.8	81.6	1.9	75-125	<20
Ethylbenzene	0.00	50.0	48.5	97.0	50.0	49.3	98.6	1.6	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.00	50.0	37.3 #	74.6	50.0	37.3 #	74.6	<1	75-125	<20
n-Propylbenzene	0.00	50.0	44.3	88.6	50.0	45.9	91.8	3.5	75-125	<20
Toluene (Methyl benzene)	3.23	50.0	48.1	89.7	50.0	47.7	88.9	<1	75-125	<20
1,1,1-Trichloroethane	0.00	50.0	48.2	96.4	50.0	48.0	96.0	<1	75-125	<20
1,1,2-Trichloroethane	0.00	50.0	42.4	84.8	50.0	42.5	85.0	<1	75-125	<20
Trichloroethene	0.00	50.0	49.4	98.8	50.0	49.6	99.2	<1	75-125	<20
1,2,4-Trimethylbenzene	0.00	50.0	44.4	88.8	50.0	46.1	92.2	3.8	75-125	<20
1,3,5-Trimethylbenzene	0.00	50.0	43.3	86.6	50.0	45.0	90.0	3.9	75-125	<20
o-Xylene	0.00	50.0	45.7	91.4	50.0	46.9	93.8	2.6	75-125	<20
m,p-Xylenes	0.00	100	95.6	95.6	100	95.3	95.3	<1	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	50.0	47.8	95.6	50.0	47.8	95.6	<1	75-125	<20
Dibromofluoromethane	0.00	50.0	47.0	93.9	50.0	46.2	92.3	1.7	75-125	<20
Toluene-d8	0.00	50.0	56.0	112	50.0	56.0	112	<1	75-125	<20

QC Batch No: 0308191A1; Dup or Spiked Sample: 96572.42; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/08/2019; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Benzene	50.0	45.1	90.2	50.0	46.0	92.0	2.0	75-125	<20	
Carbon tetrachloride	50.0	50.5	101	50.0	52.0	104	2.9	75-125	<20	
Chlorobenzene	50.0	51.0	102	50.0	52.0	104	1.9	75-125	<20	

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QUALITY CONTROL RESULTS

Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0308191A1; Dup or Spiked Sample: 96572.42; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/08/2019; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Chloroform (Trichloromethane)	50.0	41.6	83.2	50.0	42.7	85.4	2.6	75-125	<20	
1,2-Dichlorobenzene	50.0	47.6	95.2	50.0	47.5	95.0	<1	75-125	<20	
1,1-Dichloroethane	50.0	40.3	80.6	50.0	41.5	83.0	2.9	75-125	<20	
1,1-Dichloroethene	50.0	42.7	85.4	50.0	37.8	75.6	12.2	75-125	<20	
cis-1,2-Dichloroethene	50.0	41.9	83.8	50.0	43.0	86.0	2.6	75-125	<20	
Ethylbenzene	50.0	48.9	97.8	50.0	49.8	99.6	1.8	75-125	<20	
Methyl-tert-butyl ether (MTBE)	50.0	44.6	89.2	50.0	45.0	90.0	<1	75-125	<20	
n-Propylbenzene	50.0	45.0	90.0	50.0	46.5	93.0	3.3	75-125	<20	
Toluene (Methyl benzene)	50.0	46.5	93.0	50.0	47.0	94.0	1.1	75-125	<20	
1,1,1-Trichloroethane	50.0	47.5	95.0	50.0	48.8	97.6	2.7	75-125	<20	
1,1,2-Trichloroethane	50.0	49.1	98.2	50.0	49.5	99.0	<1	75-125	<20	
Trichloroethene	50.0	49.3	98.6	50.0	51.0	102	3.4	75-125	<20	
1,2,4-Trimethylbenzene	50.0	46.4	92.8	50.0	47.0	94.0	1.3	75-125	<20	
1,3,5-Trimethylbenzene	50.0	45.1	90.2	50.0	46.0	92.0	2.0	75-125	<20	
o-Xylene	50.0	47.6	95.2	50.0	48.0	96.0	<1	75-125	<20	
m,p-Xylenes	100	94.5	94.5	100	96.0	96.0	1.6	75-125	<20	
Surrogates										
Bromofluorobenzene	50.0	47.9	95.8	50.0	47.5	95.0	<1	75-125	<20	
Dibromofluoromethane	50.0	48.0	96.0	50.0	48.5	97.0	1.0	75-125	<20	
Toluene-d8	50.0	55.0	110	50.0	54.5	109	<1	75-125	<20	

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QUALITY CONTROL RESULTS

Ordered By

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Telephone: (562)426-9544
Attn: Justin Rauzon

Site

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Montclair, CA 91763

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB1; Dup or Spiked Sample: 96572.11; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/08/2019; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.00	500	585	117	500	590	118	<1	75-125	<20
Surrogates										
Chlorobenzene	0.00	100	99.6	99.6	100	103	103	3.4	75-125	<20

QC Batch No: 030819DB1; Dup or Spiked Sample: 96572.11; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/08/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
TPH as Diesel (C13-C22)	500	560	112	500	565	113	<1	75-125	<20	
Surrogates										
Chlorobenzene	100	100	100	100	100	100	<1	75-125	<20	

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 030819DB2; Dup or Spiked Sample: 96573.03; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/11/2019; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.00	500	515	103	500	525	105	1.9	75-125	<20
Surrogates										
Chlorobenzene	0.00	100	97.0	97.0	100	99.5	99.5	2.5	75-125	<20

QC Batch No: 030819DB2; Dup or Spiked Sample: 96573.03; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/11/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
TPH as Diesel (C13-C22)	500	550	110	500	525	105	4.7	75-125	<20	
Surrogates										
Chlorobenzene	100	99.9	99.9	100	100	100	<1	75-125	<20	

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030719OB1; Dup or Spiked Sample: 96572.09AGA; LCS: Clean Sand; QC Prepared: 03/07/2019;MS Analyzed: 03/08/2019; LCS Analyzed: 03/07/2019; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.0291	1.00	0.934	90.5	1.00	0.938	90.9	<1	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	0.0500	0.0515	103	0.0500	0.0565	113	9.3	75-125	<20

QC Batch No: 030719OB1; Dup or Spiked Sample: 96572.09AGA; LCS: Clean Sand; QC Prepared: 03/07/2019;MS Analyzed: 03/08/2019; LCS Analyzed: 03/07/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
TPH as Gasoline and Light HC. (C4-C12)	1.00	0.969	96.9	1.00	0.964	96.4	<1	75-125	<20	
Surrogates										
Bromofluorobenzene	0.0500	0.0505	101	0.0500	0.0489	97.8	3.2	75-125	<20	

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Project ID: 01218268.00 T2
Project Name: Phase II-10798 Ramona Avenue

AETL Job Number	Submitted	Client
96572	03/07/2019	SCS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 030819OB1; Dup or Spiked Sample: 96572.42AGA; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/08/2019; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.0999	1.00	0.825#	72.5	1.00	0.801#	70.1	3.4	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	0.0500	0.0560	112	0.0500	0.0484	96.8	14.6	75-125	<20

QC Batch No: 030819OB1; Dup or Spiked Sample: 96572.42AGA; LCS: Clean Sand; QC Prepared: 03/08/2019; QC Analyzed: 03/08/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
TPH as Gasoline and Light HC. (C4-C12)	1.00	0.850	85.0	1.00	0.808	80.8	5.1	75-125	<20	
Surrogates										
Bromofluorobenzene	0.0500	0.0493	98.6	0.0500	0.0471	94.2	4.6	75-125	<20	

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Data Qualifiers and Descriptors

Data Qualifier:

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

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Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

Appendix C

H&P Laboratory Report

H&P Mobile Geochemistry Inc.

20 March 2019

Justin Rauzon
SCS Engineers - Long Beach
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806-6816

H&P Project: SCS031519-10
Client Project: 01218268.00 T2/10798 Ramona Ave

Dear Justin Rauzon:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 14-Mar-19 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis La Roux
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP and the National Environmental Laboratory Accreditation Conference (NELAC). H&P is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs, accreditation number 69070 for EPA Method TO-15, H&P Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-28-5	E903047-01	Vapor	14-Mar-19	14-Mar-19
SV-28-5 REP	E903047-02	Vapor	14-Mar-19	14-Mar-19
SV-20-5	E903047-03	Vapor	14-Mar-19	14-Mar-19
SV-19-5	E903047-04	Vapor	14-Mar-19	14-Mar-19
SV-17-5	E903047-05	Vapor	14-Mar-19	14-Mar-19
SV-18-5	E903047-06	Vapor	14-Mar-19	14-Mar-19
SV-21-5	E903047-07	Vapor	14-Mar-19	14-Mar-19
SV-22-5	E903047-08	Vapor	14-Mar-19	14-Mar-19
SV-24-5	E903047-09	Vapor	14-Mar-19	14-Mar-19
SV-23-5	E903047-10	Vapor	14-Mar-19	14-Mar-19
SV-25-5	E903047-11	Vapor	14-Mar-19	14-Mar-19
SV-26-5	E903047-12	Vapor	14-Mar-19	14-Mar-19
SV-27-5	E903047-13	Vapor	14-Mar-19	14-Mar-19

The percent recoveries for Bromoform and 1,2-Dibromo-3-chloropropane fell below the method criteria in continuing calibration verifications on March 15 and March 18, 2019. Any results for these analytes may be biased low.

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

DETECTIONS SUMMARY

Sample ID: **SV-28-5** Laboratory ID: **E903047-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.18**	0.08	ug/l	H&P 8260SV	

Sample ID: **SV-28-5 REP** Laboratory ID: **E903047-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.09**	0.08	ug/l	H&P 8260SV	

Sample ID: **SV-20-5** Laboratory ID: **E903047-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-19-5** Laboratory ID: **E903047-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-17-5** Laboratory ID: **E903047-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-18-5** Laboratory ID: **E903047-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-21-5** Laboratory ID: **E903047-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
m,p-Xylene	**0.90**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV-22-5** Laboratory ID: **E903047-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Sample ID: **SV-24-5** Laboratory ID: **E903047-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**1.0**	0.08	ug/l	H&P 8260SV	

Sample ID: **SV-23-5** Laboratory ID: **E903047-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**0.21**	0.08	ug/l	H&P 8260SV	

Sample ID: **SV-25-5** Laboratory ID: **E903047-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-26-5** Laboratory ID: **E903047-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV-27-5** Laboratory ID: **E903047-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-28-5 (E903047-01) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.18**	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-28-5 (E903047-01) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-28-5 REP (E903047-02) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.09**	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-28-5 REP (E903047-02) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-20-5 (E903047-03) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-20-5 (E903047-03) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99.4 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-19-5 (E903047-04) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

H&P Mobile
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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-19-5 (E903047-04) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-17-5 (E903047-05) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-17-5 (E903047-05) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-18-5 (E903047-06) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-18-5 (E903047-06) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-21-5 (E903047-07) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**0.90**	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-21-5 (E903047-07) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-22-5 (E903047-08) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-22-5 (E903047-08) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91811	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-5 (E903047-09) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91812	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**1.0**	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-24-5 (E903047-09) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91812	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*122 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-23-5 (E903047-10) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91812	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	**0.21**	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-23-5 (E903047-10) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91812	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-25-5 (E903047-11) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91812	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-25-5 (E903047-11) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91812	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-26-5 (E903047-12) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91812	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-26-5 (E903047-12) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91812	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*117 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.7 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-27-5 (E903047-13) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EC91812	18-Mar-19	18-Mar-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV-27-5 (E903047-13) Vapor Sampled: 14-Mar-19 Received: 14-Mar-19									
o-Xylene	ND	0.40	ug/l	0.04	EC91812	18-Mar-19	18-Mar-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC91811 - EPA 5030										
Blank (EC91811-BLK1)				Prepared & Analyzed: 15-Mar-19						
1,1-Difluoroethane (LCC)	ND	0.40	ug/l							
Dichlorodifluoromethane (F12)	ND	0.40	"							
Chloromethane	ND	0.40	"							
Vinyl chloride	ND	0.04	"							
Bromomethane	ND	0.40	"							
Chloroethane	ND	0.40	"							
Trichlorofluoromethane (F11)	ND	0.40	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"							
Methylene chloride (Dichloromethane)	ND	0.40	"							
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.40	"							
2,2-Dichloropropane	ND	0.40	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.08	"							
Bromochloromethane	ND	0.40	"							
1,1,1-Trichloroethane	ND	0.40	"							
1,1-Dichloropropene	ND	0.40	"							
Carbon tetrachloride	ND	0.08	"							
1,2-Dichloroethane (EDC)	ND	0.08	"							
Benzene	ND	0.08	"							
Trichloroethene	ND	0.08	"							
1,2-Dichloropropane	ND	0.40	"							
Bromodichloromethane	ND	0.40	"							
Dibromomethane	ND	0.40	"							
cis-1,3-Dichloropropene	ND	0.40	"							
Toluene	ND	0.80	"							
trans-1,3-Dichloropropene	ND	0.40	"							
1,1,2-Trichloroethane	ND	0.40	"							
1,2-Dibromoethane (EDB)	ND	0.40	"							
1,3-Dichloropropane	ND	0.40	"							
Tetrachloroethene	ND	0.08	"							
Dibromochloromethane	ND	0.40	"							

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3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC91811 - EPA 5030										
Blank (EC91811-BLK1)				Prepared & Analyzed: 15-Mar-19						
Chlorobenzene	ND	0.08	ug/l							
Ethylbenzene	ND	0.40	"							
1,1,1,2-Tetrachloroethane	ND	0.40	"							
m,p-Xylene	ND	0.40	"							
o-Xylene	ND	0.40	"							
Styrene	ND	0.40	"							
Bromoform	ND	0.40	"							
Isopropylbenzene (Cumene)	ND	0.40	"							
1,1,2,2-Tetrachloroethane	ND	0.40	"							
1,2,3-Trichloropropane	ND	0.40	"							
n-Propylbenzene	ND	0.40	"							
Bromobenzene	ND	0.40	"							
1,3,5-Trimethylbenzene	ND	0.40	"							
2-Chlorotoluene	ND	0.40	"							
4-Chlorotoluene	ND	0.40	"							
tert-Butylbenzene	ND	0.40	"							
1,2,4-Trimethylbenzene	ND	0.40	"							
sec-Butylbenzene	ND	0.40	"							
p-Isopropyltoluene	ND	0.40	"							
1,3-Dichlorobenzene	ND	0.40	"							
1,4-Dichlorobenzene	ND	0.40	"							
n-Butylbenzene	ND	0.40	"							
1,2-Dichlorobenzene	ND	0.40	"							
1,2-Dibromo-3-chloropropane	ND	4.0	"							
1,2,4-Trichlorobenzene	ND	0.40	"							
Hexachlorobutadiene	ND	0.40	"							
Naphthalene	ND	0.08	"							
1,2,3-Trichlorobenzene	ND	0.40	"							
Surrogate: Dibromofluoromethane	*2.10*		*"*	*2.00*		*105*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.12*		*"*	*2.00*		*106*	*75-125*			
Surrogate: Toluene-d8	*2.02*		*"*	*2.00*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.08*		*"*	*2.00*		*104*	*75-125*			

H&P Mobile
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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC91811 - EPA 5030										
LCS (EC91811-BS1)				Prepared & Analyzed: 15-Mar-19						
Dichlorodifluoromethane (F12)	5.4	0.50	ug/l	5.00		107	70-130			
Vinyl chloride	5.4	0.05	"	5.00		109	70-130			
Chloroethane	5.6	0.50	"	5.00		112	70-130			
Trichlorofluoromethane (F11)	5.3	0.50	"	5.00		106	70-130			
1,1-Dichloroethene	5.3	0.50	"	5.00		107	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5.6	0.50	"	5.00		112	70-130			
Methylene chloride (Dichloromethane)	4.6	0.50	"	5.00		92.8	70-130			
trans-1,2-Dichloroethene	5.3	0.50	"	5.00		107	70-130			
1,1-Dichloroethane	5.2	0.50	"	5.00		103	70-130			
cis-1,2-Dichloroethene	5.1	0.50	"	5.00		103	70-130			
Chloroform	5.2	0.10	"	5.00		105	70-130			
1,1,1-Trichloroethane	4.9	0.50	"	5.00		99.0	70-130			
Carbon tetrachloride	4.3	0.10	"	5.00		86.0	70-130			
1,2-Dichloroethane (EDC)	5.3	0.10	"	5.00		106	70-130			
Benzene	5.2	0.10	"	5.00		103	70-130			
Trichloroethene	5.3	0.10	"	5.00		105	70-130			
Toluene	4.9	1.0	"	5.00		98.2	70-130			
1,1,2-Trichloroethane	4.8	0.50	"	5.00		95.6	70-130			
Tetrachloroethene	5.3	0.10	"	5.00		106	70-130			
Ethylbenzene	5.2	0.50	"	5.00		103	70-130			
1,1,1,2-Tetrachloroethane	4.2	0.50	"	5.00		83.6	70-130			
m,p-Xylene	11	0.50	"	10.0		106	70-130			
o-Xylene	5.1	0.50	"	5.00		103	70-130			
1,1,2,2-Tetrachloroethane	4.6	0.50	"	5.00		92.9	70-130			
Surrogate: Dibromofluoromethane	*2.54*		*"*	*2.50*		*102*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.54*		*"*	*2.50*		*102*	*75-125*			
Surrogate: Toluene-d8	*2.55*		*"*	*2.50*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.56*		*"*	*2.50*		*102*	*75-125*			

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC91812 - EPA 5030										
Blank (EC91812-BLK1)				Prepared & Analyzed: 18-Mar-19						
1,1-Difluoroethane (LCC)	ND	0.40	ug/l							
Dichlorodifluoromethane (F12)	ND	0.40	"							
Chloromethane	ND	0.40	"							
Vinyl chloride	ND	0.04	"							
Bromomethane	ND	0.40	"							
Chloroethane	ND	0.40	"							
Trichlorofluoromethane (F11)	ND	0.40	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"							
Methylene chloride (Dichloromethane)	ND	0.40	"							
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.40	"							
2,2-Dichloropropane	ND	0.40	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.08	"							
Bromochloromethane	ND	0.40	"							
1,1,1-Trichloroethane	ND	0.40	"							
1,1-Dichloropropene	ND	0.40	"							
Carbon tetrachloride	ND	0.08	"							
1,2-Dichloroethane (EDC)	ND	0.08	"							
Benzene	ND	0.08	"							
Trichloroethene	ND	0.08	"							
1,2-Dichloropropane	ND	0.40	"							
Bromodichloromethane	ND	0.40	"							
Dibromomethane	ND	0.40	"							
cis-1,3-Dichloropropene	ND	0.40	"							
Toluene	ND	0.80	"							
trans-1,3-Dichloropropene	ND	0.40	"							
1,1,2-Trichloroethane	ND	0.40	"							
1,2-Dibromoethane (EDB)	ND	0.40	"							
1,3-Dichloropropane	ND	0.40	"							
Tetrachloroethene	ND	0.08	"							
Dibromochloromethane	ND	0.40	"							

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC91812 - EPA 5030										
Blank (EC91812-BLK1)				Prepared & Analyzed: 18-Mar-19						
Chlorobenzene	ND	0.08	ug/l							
Ethylbenzene	ND	0.40	"							
1,1,1,2-Tetrachloroethane	ND	0.40	"							
m,p-Xylene	ND	0.40	"							
o-Xylene	ND	0.40	"							
Styrene	ND	0.40	"							
Bromoform	ND	0.40	"							
Isopropylbenzene (Cumene)	ND	0.40	"							
1,1,2,2-Tetrachloroethane	ND	0.40	"							
1,2,3-Trichloropropane	ND	0.40	"							
n-Propylbenzene	ND	0.40	"							
Bromobenzene	ND	0.40	"							
1,3,5-Trimethylbenzene	ND	0.40	"							
2-Chlorotoluene	ND	0.40	"							
4-Chlorotoluene	ND	0.40	"							
tert-Butylbenzene	ND	0.40	"							
1,2,4-Trimethylbenzene	ND	0.40	"							
sec-Butylbenzene	ND	0.40	"							
p-Isopropyltoluene	ND	0.40	"							
1,3-Dichlorobenzene	ND	0.40	"							
1,4-Dichlorobenzene	ND	0.40	"							
n-Butylbenzene	ND	0.40	"							
1,2-Dichlorobenzene	ND	0.40	"							
1,2-Dibromo-3-chloropropane	ND	4.0	"							
1,2,4-Trichlorobenzene	ND	0.40	"							
Hexachlorobutadiene	ND	0.40	"							
Naphthalene	ND	0.08	"							
1,2,3-Trichlorobenzene	ND	0.40	"							
Surrogate: Dibromofluoromethane	*2.08*		*"*	*2.00*		*104*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.04*		*"*	*2.00*		*102*	*75-125*			
Surrogate: Toluene-d8	*2.02*		*"*	*2.00*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.04*		*"*	*2.00*		*102*	*75-125*			

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC91812 - EPA 5030										
LCS (EC91812-BS1)				Prepared & Analyzed: 18-Mar-19						
Dichlorodifluoromethane (F12)	6.0	0.50	ug/l	5.00		119	70-130			
Vinyl chloride	5.5	0.05	"	5.00		109	70-130			
Chloroethane	5.4	0.50	"	5.00		108	70-130			
Trichlorofluoromethane (F11)	5.5	0.50	"	5.00		110	70-130			
1,1-Dichloroethene	5.3	0.50	"	5.00		106	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5.5	0.50	"	5.00		110	70-130			
Methylene chloride (Dichloromethane)	4.9	0.50	"	5.00		97.8	70-130			
trans-1,2-Dichloroethene	5.4	0.50	"	5.00		107	70-130			
1,1-Dichloroethane	5.2	0.50	"	5.00		105	70-130			
cis-1,2-Dichloroethene	5.3	0.50	"	5.00		105	70-130			
Chloroform	5.2	0.10	"	5.00		104	70-130			
1,1,1-Trichloroethane	5.0	0.50	"	5.00		99.2	70-130			
Carbon tetrachloride	4.4	0.10	"	5.00		88.6	70-130			
1,2-Dichloroethane (EDC)	5.4	0.10	"	5.00		107	70-130			
Benzene	5.2	0.10	"	5.00		105	70-130			
Trichloroethene	5.3	0.10	"	5.00		105	70-130			
Toluene	4.9	1.0	"	5.00		98.5	70-130			
1,1,2-Trichloroethane	4.9	0.50	"	5.00		97.2	70-130			
Tetrachloroethene	5.3	0.10	"	5.00		107	70-130			
Ethylbenzene	5.2	0.50	"	5.00		103	70-130			
1,1,1,2-Tetrachloroethane	4.4	0.50	"	5.00		87.6	70-130			
m,p-Xylene	11	0.50	"	10.0		109	70-130			
o-Xylene	5.2	0.50	"	5.00		104	70-130			
1,1,2,2-Tetrachloroethane	5.0	0.50	"	5.00		99.8	70-130			
Surrogate: Dibromofluoromethane	*2.59*		*"*	*2.50*		*104*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.53*		*"*	*2.50*		*101*	*75-125*			
Surrogate: Toluene-d8	*2.64*		*"*	*2.50*		*106*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.68*		*"*	*2.50*		*107*	*75-125*			

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SCS Engineers - Long Beach	Project: SCS031519-10	
3900 Kilroy Airport Way, Suite 100	Project Number: 01218268.00 T2/10798 Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	20-Mar-19 11:19

Notes and Definitions

LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

All soil results are reported in wet weight.

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15, H&P Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743 & 2745.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

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VAPOR / AIR Chain of Custody

DATE: 3/14/19
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: SCS Engineers	Project Name / #: 01218 268.00 T2
Lab Client Project Manager: Justin Rawson	Project Location: 10794 Ramona Ave Montclair
Lab Client Address: 3900 Kilroy Airport way suite 100	Report E-Mail(s): JRawson JVargas @ SCSengineers.com
Lab Client City, State, Zip: Long Beach, CA 90806-6816	
Phone Number: 562-426-9544	

Reporting Requirements	Turnaround Time	Sampler Information
☒ Standard Report ☐ Level III ☐ Level IV	☒ 5-7 day Stnd ☐ 24-Hr Rush	Sampler(s): V. Reveles
☐ Excel EDD ☐ Other EDD:	☐ 3-day Rush ☐ Mobile Lab	Signature:
☐ CA Geotracker Global ID:	☐ 48-Hr Rush ☐ Other:	Date: 3/14/19

Sample Receipt (Lab Use Only)

Date Rec'd: 3/15/19	Control #: 90176.05
H&P Project #: SCS03179-10	
Lab Work Order #: 6903047	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID: 30005	Temp: RT
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials: KB	

Additional Instructions to Laboratory:

w/ LRLs-KB 3/15/19

** Preferred VOC units (please choose one):*
☒ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SV/m ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SV/m ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
SV-28-5		3/14/19	1013	SV	400mL Summa JE 20	192	-.71	X						X						
SV-28-5 rep			1018			204	-1.03	X						X						
SV-20-5			1029			213	-1.84	X						X						
SV-19-5			1042			228	-1.36	X						X						
SV-17-5			1053			225	-1.07	X						X						
SV-18-5			1106			259	-1.54	X						X						
SV-21-5			1117			267	-1.82	X						X						
SV-22-5			1128			268	-1.67	X						X						
SV-24-5			1156			234	-1.84	X						X						
SV-23-5			1206			262	-2.01	X						X						

	Company	Date	Time		Company	Date	Time
Approved/Relinquished by:	SCS	3/14/19	1247	Received by:	H&P	3/14/19	1247
Approved/Relinquished by:				Received by:			
Approved/Relinquished by:				Received by:			

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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VAPOR / AIR Chain of Custody

DATE: 03/14/19

Lab Client and Project Information

Lab Client/Consultant: SCS Engineers	Project Name / #: 01214264.00 T2
Lab Client Project Manager: Justin Rawzon	Project Location: 16798 Ramona Ave Montclair
Lab Client Address: 3900 Kilroy Airport Way Suite 100	Report E-Mail(s): JRawzon JVargas @ scsengineers.com
Lab Client City, State, Zip: Long Beach, CA 90806-6816	
Phone Number: 562-426-9544	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:_____
☐ CA Geotracker Global ID:_____

Turnaround Time

☒ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☐ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): U. Reveles
Signature:
Date: 3/14/19

Sample Receipt (Lab Use Only)

Date Rec'd: 3/15/19 Control #: 190176.05
H&P Project #: SCS031519-10
Lab Work Order #: 6903047
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below
Receipt Gauge ID: 30005 Temp: RT
Outside Lab:
Receipt Notes/Tracking #:
Lab PM Initials: WB

Additional Instructions to Laboratory:

W/ LRLs -WB 3/15/19

Preferred VOC units (please choose one):
☒ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☒ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
SV-25-5		03/14/19	1219	SV	400mL Summa	476	4.93	X						X						
SV-26-5		↓	1230	↓	↓	323	2.15	X						X						
SV-27-5		↓	1244	↓	↓	654	2.43	X						X						

Approved/Relinquished by:	Company: SCS	Date: 3/14/19	Time: 1247	Received by:	Company: H&P	Date: 3/14/19	Time: 1247
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

H&P Mobile Geochemistry Inc.

FMS005
Revision: 3
Revised: 1/15/16
Effective: 1/25/16
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Summa

H&P Project #: SCS 031419- Tech
Date: 3/14/19
Site Address: 10798 Ramona Ave Montclair San Bern
Page: 1 of 2
Consultant: SCS Engineers
H&P Rep(s): U. Revelez
Reviewed: DJB
Consultant Rep(s): Jay Vargas
Scanned: TTorres

Equipment Info
Inline Gauge ID#: T32
Pump ID#: —

Purge Volume Information
PV Amount: 3PV
PV Includes: ☒ Tubing ☒ Sand 40% ☒ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

	Sample and Summa Information							Probe Specs							Purge & Collection Information						
	Point ID	Summa ID #	Sample Kit ID #	Start Time	Initial Vac (" Hg)	End / Sample Time	End Vac (" Hg)	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☒ Hg ☐ H_2O
1	SV-28-5'	192	129	1010	-26.5	1013	0	5	7	1/8	12	.75	6	.75	✓	✓	189	200	—	<200	2
* 2	SV-28-5 rep	176 (206)	129	1016	-27	1019	0	"	"	"	"	"	"	"	✓	✓	589	200	—	<200	2
3	SV-20-5	213	317	1026	-27	1029	0	"	"	"	"	"	"	"	✓	✓	189	200	—	<200	0
4	SV-19-5	228	294	1039	-27	1042	0	"	"	"	"	"	"	"	✓	✓	189	200	—	<200	2
5	SV-17-5	225	240	1051	-26	1053	0	"	"	"	"	"	"	"	✓	✓	189	200	—	<200	1.5
6	SV-18-5	259	015	1103	-27	1106	0	"	"	"	"	"	"	"	✓	✓	189	200	—	<200	1
7	SV-21-5	267	091	1115	-27.5	1117	0	"	"	"	"	"	"	"	✓	✓	189	200	—	<200	0
8	SV-22-5	266	225	1126	-27.5	1128	0	"	"	"	"	"	"	"	✓	✓	189	200	—	<200	1
9	SV-24-5	254	271	1153	-27	1156	0	"	"	"	"	"	"	"	✓	✓	189	200	—	<200	0
10	SV-23-5	262	058	1203	-28	1206	0	"	"	"	"	"	"	"	✓	✓	189	200	—	<200	0
11	SV-25-5	476	072	1216	-27	1219	0	"	"	"	"	"	"	"	✓	✓	189	200	—	<200	0
12	SV-26-5	323	090	1228	-27	1230	0	"	"	"	"	"	"	"	✓	✓	184	200	—	<200	0

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):
2) Summa I.D 206

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Summa

H&P Project #: SCS 03/419 - Tech
Date: 3/14/19
Site Address: 6798 Ramona Ave Montclair San Bern
Page: 2 of 2
Consultant: SCS Engineers
H&P Rep(s): U. Revelo
Reviewed: DD
Consultant Rep(s): Jay Vargas
Scanned: Torres

Equipment Info
Inline Gauge ID#: T32
Pump ID#: —

Purge Volume Information
PV Amount: 3PV
PV Includes: ☒ Tubing ☒ Sand 40% ☒ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted
☒ 1,1-DFA ☐ 1,1,2-TFA ☐ IPA ☐ Other

	Sample and Summa Information							Probe Specs							Purge & Collection Information						
	Point ID	Summa ID #	Sample Kit ID #	Start Time	Initial Vac (" Hg)	End / Sample Time	End Vac (" Hg)	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☒ Hg ☐ H_2O
1	SV-27-5	654	234	1242	-26.5	1244	0	5	7	1/8	12	.75	6	.75	✓	✓	189	200	—	<200	0
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

H&P Mobile Geochemistry Inc.

19 June 2019

Justin Rauzon
SCS Engineers - Long Beach
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806-6816

H&P Project: SCS061119-SB1
Client Project: 01219143.00 Task 2/ Ramona Ave

Dear Justin Rauzon:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 11-Jun-19 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis La Roux
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP and the National Environmental Laboratory Accreditation Conference (NELAC). H&P is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs, accreditation number 69070 for EPA Method TO-15, H&P Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P Mobile
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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV29-5	E906054-01	Vapor	11-Jun-19	11-Jun-19
SV23-15	E906054-02	Vapor	11-Jun-19	11-Jun-19
SV30-5	E906054-03	Vapor	11-Jun-19	11-Jun-19
SV30-15	E906054-04	Vapor	11-Jun-19	11-Jun-19
SV33-5	E906054-05	Vapor	11-Jun-19	11-Jun-19
SV33-15	E906054-06	Vapor	11-Jun-19	11-Jun-19
SV34-5	E906054-07	Vapor	11-Jun-19	11-Jun-19
SV35-5	E906054-08	Vapor	11-Jun-19	11-Jun-19
SV35-15	E906054-09	Vapor	11-Jun-19	11-Jun-19
SV28-15	E906054-10	Vapor	11-Jun-19	11-Jun-19
SV32-5	E906054-11	Vapor	11-Jun-19	11-Jun-19
SV31-5	E906054-12	Vapor	11-Jun-19	11-Jun-19
SV31-15	E906054-13	Vapor	11-Jun-19	11-Jun-19
SV24-15	E906054-14	Vapor	11-Jun-19	11-Jun-19
SV24-15 Rep	E906054-15	Vapor	11-Jun-19	11-Jun-19

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DETECTIONS SUMMARY

Sample ID: **SV29-5** Laboratory ID: **E906054-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV23-15** Laboratory ID: **E906054-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV30-5** Laboratory ID: **E906054-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Ethylbenzene	**0.80**	0.40	ug/l	H&P 8260SV	
m,p-Xylene	**3.0**	0.40	ug/l	H&P 8260SV	
o-Xylene	**0.89**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV30-15** Laboratory ID: **E906054-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV33-5** Laboratory ID: **E906054-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
m,p-Xylene	**0.52**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV33-15** Laboratory ID: **E906054-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV34-5** Laboratory ID: **E906054-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
m,p-Xylene	**0.75**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV35-5** Laboratory ID: **E906054-08**

Analyte	Result	Reporting Limit	Units	Method	Notes

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3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
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Sample ID: **SV35-5** Laboratory ID: **E906054-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV35-15** Laboratory ID: **E906054-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV28-15** Laboratory ID: **E906054-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
m,p-Xylene	**0.96**	0.40	ug/l	H&P 8260SV	

Sample ID: **SV32-5** Laboratory ID: **E906054-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV31-5** Laboratory ID: **E906054-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV31-15** Laboratory ID: **E906054-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV24-15** Laboratory ID: **E906054-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SV24-15 Rep** Laboratory ID: **E906054-15**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

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3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV29-5 (E906054-01) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV29-5 (E906054-01) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.8 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV23-15 (E906054-02) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV23-15 (E906054-02) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.8 %*		*75-125*	"	"	"	"	

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3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV30-5 (E906054-03) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	**0.80**	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**3.0**	0.40	"	"	"	"	"	"	

H&P Mobile
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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV30-5 (E906054-03) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	**0.89**	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.9 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV30-15 (E906054-04) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV30-15 (E906054-04) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV33-5 (E906054-05) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**0.52**	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV33-5 (E906054-05) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*99.9 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV33-15 (E906054-06) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

H&P Mobile
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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV33-15 (E906054-06) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*99.7 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.3 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV34-5 (E906054-07) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**0.75**	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV34-5 (E906054-07) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.0 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.8 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV35-5 (E906054-08) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV35-5 (E906054-08) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV35-15 (E906054-09) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV35-15 (E906054-09) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*98.4 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.6 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV28-15 (E906054-10) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	**0.96**	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV28-15 (E906054-10) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV32-5 (E906054-11) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV32-5 (E906054-11) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.5 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV31-5 (E906054-12) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV31-5 (E906054-12) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	11-Jun-19	11-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV31-15 (E906054-13) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	30-Jun-19	30-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

H&P Mobile
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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV31-15 (E906054-13) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	30-Jun-19	30-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*99.9 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.2 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV24-15 (E906054-14) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	30-Jun-19	30-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV24-15 (E906054-14) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	30-Jun-19	30-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*117 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.1 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV24-15 Rep (E906054-15) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
1,1-Difluoroethane (LCC)	ND	0.40	ug/l	0.04	EF91106	30-Jun-19	30-Jun-19	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	0.40	"	"	"	"	"	"	
Chloromethane	ND	0.40	"	"	"	"	"	"	
Vinyl chloride	ND	0.04	"	"	"	"	"	"	
Bromomethane	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.08	"	"	"	"	"	"	
Bromochloromethane	ND	0.40	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.08	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.08	"	"	"	"	"	"	
Benzene	ND	0.08	"	"	"	"	"	"	
Trichloroethene	ND	0.08	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Bromodichloromethane	ND	0.40	"	"	"	"	"	"	
Dibromomethane	ND	0.40	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
Toluene	ND	0.80	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	ND	0.08	"	"	"	"	"	"	
Dibromochloromethane	ND	0.40	"	"	"	"	"	"	
Chlorobenzene	ND	0.08	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
m,p-Xylene	ND	0.40	"	"	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SV24-15 Rep (E906054-15) Vapor Sampled: 11-Jun-19 Received: 11-Jun-19									
o-Xylene	ND	0.40	ug/l	0.04	EF91106	30-Jun-19	30-Jun-19	H&P 8260SV	
Styrene	ND	0.40	"	"	"	"	"	"	
Bromoform	ND	0.40	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.40	"	"	"	"	"	"	
n-Propylbenzene	ND	0.40	"	"	"	"	"	"	
Bromobenzene	ND	0.40	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.40	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.40	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.40	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
n-Butylbenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.40	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	4.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.40	"	"	"	"	"	"	
Naphthalene	ND	0.08	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*120 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.6 %*		*75-125*	"	"	"	"	

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF91106 - EPA 5030										
Blank (EF91106-BLK1)				Prepared & Analyzed: 11-Jun-19						
1,1-Difluoroethane (LCC)	ND	0.40	ug/l							
Dichlorodifluoromethane (F12)	ND	0.40	"							
Chloromethane	ND	0.40	"							
Vinyl chloride	ND	0.04	"							
Bromomethane	ND	0.40	"							
Chloroethane	ND	0.40	"							
Trichlorofluoromethane (F11)	ND	0.40	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	0.40	"							
Methylene chloride (Dichloromethane)	ND	0.40	"							
Methyl tertiary-butyl ether (MTBE)	ND	0.40	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.40	"							
2,2-Dichloropropane	ND	0.40	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.08	"							
Bromochloromethane	ND	0.40	"							
1,1,1-Trichloroethane	ND	0.40	"							
1,1-Dichloropropene	ND	0.40	"							
Carbon tetrachloride	ND	0.08	"							
1,2-Dichloroethane (EDC)	ND	0.08	"							
Benzene	ND	0.08	"							
Trichloroethene	ND	0.08	"							
1,2-Dichloropropane	ND	0.40	"							
Bromodichloromethane	ND	0.40	"							
Dibromomethane	ND	0.40	"							
cis-1,3-Dichloropropene	ND	0.40	"							
Toluene	ND	0.80	"							
trans-1,3-Dichloropropene	ND	0.40	"							
1,1,2-Trichloroethane	ND	0.40	"							
1,2-Dibromoethane (EDB)	ND	0.40	"							
1,3-Dichloropropane	ND	0.40	"							
Tetrachloroethene	ND	0.08	"							
Dibromochloromethane	ND	0.40	"							

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF91106 - EPA 5030										
Blank (EF91106-BLK1)				Prepared & Analyzed: 11-Jun-19						
Chlorobenzene	ND	0.08	ug/l							
Ethylbenzene	ND	0.40	"							
1,1,1,2-Tetrachloroethane	ND	0.40	"							
m,p-Xylene	ND	0.40	"							
o-Xylene	ND	0.40	"							
Styrene	ND	0.40	"							
Bromoform	ND	0.40	"							
Isopropylbenzene (Cumene)	ND	0.40	"							
1,1,2,2-Tetrachloroethane	ND	0.40	"							
1,2,3-Trichloropropane	ND	0.40	"							
n-Propylbenzene	ND	0.40	"							
Bromobenzene	ND	0.40	"							
1,3,5-Trimethylbenzene	ND	0.40	"							
2-Chlorotoluene	ND	0.40	"							
4-Chlorotoluene	ND	0.40	"							
tert-Butylbenzene	ND	0.40	"							
1,2,4-Trimethylbenzene	ND	0.40	"							
sec-Butylbenzene	ND	0.40	"							
p-Isopropyltoluene	ND	0.40	"							
1,3-Dichlorobenzene	ND	0.40	"							
1,4-Dichlorobenzene	ND	0.40	"							
n-Butylbenzene	ND	0.40	"							
1,2-Dichlorobenzene	ND	0.40	"							
1,2-Dibromo-3-chloropropane	ND	4.0	"							
1,2,4-Trichlorobenzene	ND	0.40	"							
Hexachlorobutadiene	ND	0.40	"							
Naphthalene	ND	0.08	"							
1,2,3-Trichlorobenzene	ND	0.40	"							
Surrogate: Dibromofluoromethane	*2.08*		*"*	*2.00*		*104*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.20*		*"*	*2.00*		*110*	*75-125*			
Surrogate: Toluene-d8	*1.98*		*"*	*2.00*		*99.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.01*		*"*	*2.00*		*100*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF91106 - EPA 5030										
LCS (EF91106-BS1)				Prepared: 11-Jun-19 Analyzed: 19-Jun-19						
Dichlorodifluoromethane (F12)	3.8	0.50	ug/l	5.00		75.2	70-130			
Vinyl chloride	4.8	0.05	"	5.00		96.0	70-130			
Chloroethane	5.1	0.50	"	5.00		103	70-130			
Trichlorofluoromethane (F11)	4.7	0.50	"	5.00		93.8	70-130			
1,1-Dichloroethene	5.2	0.50	"	5.00		104	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5.3	0.50	"	5.00		106	70-130			
Methylene chloride (Dichloromethane)	5.1	0.50	"	5.00		102	70-130			
trans-1,2-Dichloroethene	5.2	0.50	"	5.00		103	70-130			
1,1-Dichloroethane	5.5	0.50	"	5.00		110	70-130			
cis-1,2-Dichloroethene	5.5	0.50	"	5.00		111	70-130			
Chloroform	5.6	0.10	"	5.00		112	70-130			
1,1,1-Trichloroethane	5.6	0.50	"	5.00		113	70-130			
Carbon tetrachloride	5.8	0.10	"	5.00		116	70-130			
1,2-Dichloroethane (EDC)	5.8	0.10	"	5.00		117	70-130			
Benzene	4.7	0.10	"	5.00		94.5	70-130			
Trichloroethene	5.5	0.10	"	5.00		110	70-130			
Toluene	4.9	1.0	"	5.00		98.3	70-130			
1,1,2-Trichloroethane	5.6	0.50	"	5.00		112	70-130			
Tetrachloroethene	5.0	0.10	"	5.00		99.0	70-130			
Ethylbenzene	4.9	0.50	"	5.00		97.9	70-130			
1,1,1,2-Tetrachloroethane	5.6	0.50	"	5.00		113	70-130			
m,p-Xylene	9.7	0.50	"	10.0		97.3	70-130			
o-Xylene	5.0	0.50	"	5.00		99.0	70-130			
1,1,2,2-Tetrachloroethane	5.1	0.50	"	5.00		101	70-130			
Surrogate: Dibromofluoromethane	*2.69*		*"*	*2.50*		*108*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.80*		*"*	*2.50*		*112*	*75-125*			
Surrogate: Toluene-d8	*2.55*		*"*	*2.50*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.56*		*"*	*2.50*		*102*	*75-125*			

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SCS Engineers - Long Beach	Project: SCS061119-SB1	
3900 Kilroy Airport Way, Suite 100	Project Number: 01219143.00 Task 2/ Ramona Ave	Reported:
Long Beach, CA 90806-6816	Project Manager: Justin Rauzon	19-Jun-19 16:35

Notes and Definitions

LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

All soil results are reported in wet weight.

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15, H&P Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743 & 2745.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
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VAPOR / AIR Chain of Custody

DATE: 6-11-19
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: SCS Engineers	Project Name / #: 0121 9143.00 Task 2
Lab Client Project Manager: Jostin Rauzon	Project Location: 10798 Ramona Ave
Lab Client Address: 3900 Kilroy Airport Way, Suite 100	Report E-Mail(s): jrauzon@scsengineers.com; jvargas@scsengineers.com
Lab Client City, State, Zip: Long Beach, CA, 90806	
Phone Number: (562) 426-9544	

Reporting Requirements
- [x] Standard Report [ ] Level III [ ] Level IV
- [ ] Excel EDD [ ] Other EDD:
- [ ] CA Geotracker Global ID:

Turnaround Time
- [ ] 5-7 day Stnd [ ] 24-Hr Rush
- [ ] 3-day Rush [x] Mobile Lab
- [ ] 48-Hr Rush [ ] Other:

Sampler Information
Sampler(s):
Signature:
Date:

Sample Receipt (Lab Use Only)

Date Rec'd: 6-11-19	Control #: 190498.00
H&P Project # SCS061119-581	
Lab Work Order # E9060521	
Sample Intact: [ ] Yes [ ] No [ ] See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Additional Instructions to Laboratory:

* *Preferred VOC units (please choose one):*
[ ] µg/L [ ] µg/m³ [ ] ppbv [ ] ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List [x] 8260SV [ ] TO-15	VOCs Short List / Project List [ ] 8260SV [ ] TO-15	Oxygenates [ ] 8260SV [ ] TO-15	Naphthalene [ ] 8260SV [ ] TO-15	TPHv as Gas [ ] 8260SVm [ ] TO-15m	Aromatic/Aliphatic Fractions [ ] 8260SVm [ ] TO-15m	Leak Check Compound [x] DFA [ ] IPA [ ] He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 [ ] CO2 [ ] O2 [ ] N2				
SV29-5		06/11/19	830	SV	G Syringe	452		X						X						
SV23-15		06/11/19	849			302		X						X						
SV30-5			904			294		X						X						
SV30-15			916			295		X						X						
SV33-5			939			306		X						X						
SV33-15			952			302		X						X						
SV34-5			1012			295		X						X						
SV35-5			1045			232		X						X						
SV35-15			1057			297		X						X						
SV28-15			1116			306		X						X						

Relinquished by	Company	Date	Time	Received by	Company	Date	Time
	SCS Engineers	6/11/19			H&P	6-11-19	

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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VAPOR / AIR Chain of Custody

DATE: 6-11-19

Lab Client and Project Information

Lab Client/Consultant: SCS Engineers	Project Name / #: 01219193.00 Task 2
Lab Client Project Manager: Justin Raozon	Project Location: 10798 Ramona Ave
Lab Client Address: 3900 Kilroy Airport Way, Suite 100	Report E-Mail(s): jraozon@scsengineers.com jvargas@scsengineers.com
Lab Client City, State, Zip: Long Beach CA 90806	
Phone Number: (562)426-9544	

Reporting Requirements
- [x] Standard Report
- [ ] Level III
- [ ] Level IV
- [ ] Excel EDD
- [ ] Other EDD:
- [ ] CA Geotracker Global ID:

Turnaround Time
- [ ] 5-7 day Stnd
- [ ] 24-Hr Rush
- [ ] 3-day Rush
- [x] Mobile Lab
- [ ] 48-Hr Rush
- [ ] Other:

Sampler Information
- Sampler(s):
- Signature:
- Date:

Sample Receipt (Lab Use Only)

Date Rec'd: 6-11-19	Control #: 190488.00
H&P Project # SCS061119-SB1	
Lab Work Order # E9060554	
Sample Intact: [ ] Yes [ ] No [ ] See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Additional Instructions to Laboratory:

** Preferred VOC units (please choose one):*
[ ] µg/L [ ] µg/m³ [ ] ppbv [ ] ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List [x] TO-15 [ ] 8260SV	VOCs Short List / Project List [ ] TO-15 [ ] 8260SV	Oxygenates [ ] TO-15 [ ] 8260SV	Naphthalene [ ] TO-15 [ ] 8260SV	TPHv as Gas [ ] TO-15m [ ] 8260SVm	Aromatic/Aliphatic Fractions [ ] TO-15m [ ] 8260SVm	Leak Check Compound [x] DFA [ ] IPA [ ] He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 [ ] CO2 [ ] O2 [ ] N2
SV32-5		06/11/19	1149	SV	Gsyr.vgc	294		X						X		
SV31-5		06/11/19	1207	SV	Gsyr.vgc	302		X						X		
SV31-15		↓	1440	↓	Tedlar	1440		X						X		
SV24-15			1452		Tedlar			X						X		
SV24-15 REP		↓	1454	↓	Tedlar			X						X		

Approved/Relinquished by: RJS	Company: SCS ENGINEERS	Date: 6/11/19	Time:	Received by:	Company: H:P	Date: 6-11-19	Time:
Approved/Relinquished by	Company:	Date	Time	Received by:	Company:	Date:	Time:
Approved/Relinquished by	Company:	Date	Time	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: SCS061119-26 Date: 6/11/2019

Site Address: 10798 Ramona Ave Page: 1 of 2

Consultant: SCS Engineers H&P Rep(s): Sean Kohlbeck Reviewed: EC

Consultant Rep(s): Jay Vargas Scanned: EC

Equipment Info
Inline Gauge ID#: T29
Pump ID#: 012

Purge Volume Information
PV Amount: 3PV PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

Leak Check Compound ☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.

Resample Key:
RS = Resample
RD = for Dilution
RL = lor LCC fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☑ H_2O
1	SV29-5	232	50	0830	5	7	1/4	12	1.75	6	1.75	✓	✓	1024	200	5:07	200	✓
2	SV23-15	302	50	0849	15	17	1/4	12	1.75	6	1.75	✓	✓	1169	200	5:51	200	✓
3	SV30-5	294	50	0904	5	7	1/4	12	1.75	12	1.75	✓	✓	1379	200	6:54	200	✓
4	SV30-15	295	50	0916	15	17	1/4	12	1.75	6	1.75	✓	✓	1169	200	5:51	200	✓
5	SV33-5	306	50	0939	5	7	1/4	12	1.75	12	1.75	✓	✓	1379	200	6:54	200	✓
6	SV33-15	302	50	0952	15	17	1/4	12	1.75	6	1.75	✓	✓	1169	200	5:51	200	✓
7	SV34-5	295	50	1012	5	7	1/4	12	1.75	6	1.75	✓	✓	1024	200	5:07	200	✓
8	SV35-5	232	50	1045	5	7	1/4	12	1.75	12	1.75	✓	✓	1379	200	6:54	200	✓
9	SV35-15	277	50	1057	15	17	1/4	12	1.75	6	1.75	✓	✓	1169	200	5:51	200	✓
10	SV28-15	306	50	1116	15	17	1/4	12	1.75	6	1.75	✓	✓	1169	200	5:51	200	✓
11	SV32-5	294	50	1149	5	7	1/4	12	1.75	6	1.75	✓	✓	1024	200	5:07	200	✓
12	SV31-5	302	50	1207	5	7	1/4	12	1.75	12	1.75	✓	✓	1379	200	6:54	200	✓

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: SCS061119-L6 Date: 6/11/2019

Site Address: 10798 Romona Ave Page: 2 of 2

Consultant: SCS Engineers H&P Rep(s): Sean Kenibell Reviewed: EC

Consultant Rep(s): Jay Vargas Scanned: EC

Equipment Info
Inline Gauge ID#: T07
Pump ID#: 036

Purge Volume Information
PV Amount: 3PV PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

Resample Key:
RS = Resample
RD = for Dilution
RL = lor LCC fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☑ ~~H_2O~~
1	SV31-15	295	50	1219	15	17	1/4	12	1.75	6	1.75	✓	✓	1169	200	5:51	<200	✓
2	SV24-15	277	50	1324	15	17	1/4	12	1.75	6	1.75	✓	✓	1169	200	5:51	200	✓
3	SV24-15 Rep	306	50	1325	15	17	1/4	12	1.75	6	1.75	✓	✓	1219	200	5:51	200	✓
4	SV31-5 RS	Tedlar	500	1440	15	17	1/4	12	1.75	6	1.75	✓	✓	1219 ~~1320~~	–	–	200	✓
5	SV24-15 RS	Tedlar	500	1452	15	17	1/4	12	1.75	6	1.75	✓	✓	1219 ~~1320~~	–	–	200	✓
6	SV24-15 Rep RS	Tedlar	500	1454	15	17	1/4	12	1.75	6	1.75	✓	✓	1219 ~~1320~~	–	–	200	✓
7																		
8																		
9																		
10																		
11																		
12																		

* See note

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

* Generator issue due to hot day (100°f)
- Collected tedlars to run offsite. ok'd by KB.