PARTNER

PHASE II SUBSURFACE INVESTIGATION REPORT

APN 8005-015-051

Santa Fe Springs, California 90670

March 21, 2023

Partner Project Number: 22-392110.8

Prepared for:

Elkins Kalt Weintraub Reuben Gartside LLP

10345 West Olympic Boulevard

Los Angeles, California 90064

Engineers who understand your business

PARTNER

March 21, 2023

Jackson McNeill
Elkins Kalt Weintraub Reuben Gartside LLP
10345 West Olympic Boulevard
Los Angeles, California 90064

Subject: Phase II Subsurface Investigation Report
APN 8005-015-051
Santa Fe Springs, California 90670
Partner Project Number: 22-392110.8

Dear Mr. McNeill:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the assessment performed at the above-referenced property. The following report describes the field activities, methods, and findings of the Phase II Subsurface Investigation conducted at the above-referenced property.

This assessment was performed consistent with acceptable industry standards. The independent conclusions represent Partner's best professional judgment based upon existing conditions and the information and data available to us during the course of this assignment.

We appreciate the opportunity to provide these services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact Mark Lambson at (619) 757-1119.

Sincerely,

Partner Engineering and Science, Inc.

Hunter White
Project Manager

Brian T. Godbois
Project Manager

PROFESSIONAL GEOLOGIST
SAMANTHA J. FUJITA
No. 9042
STATE OF CALIFORNIA

Mark Lambson
National Client Manager

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Technical Director – Subsurface Investigation

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ATTACHMENTS

1.0 INTRODUCTION

1.1 Purpose

The purpose of the investigation was to evaluate the potential impact of petroleum hydrocarbons, volatile organic compounds (VOCs), methane, hydrogen sulfide (H_2S), and/or metals to soil and/or soil gas as a consequence of a release or releases from the on-site oil production activities. Elkins Kalt Weintraub Reuben Gartside LLP provided project authorization of Partner Proposal Number P22-392110.4A.

1.2 Limitations

This report presents a summary of work conducted by Partner. The work includes observations of site conditions encountered and the analytical results provided by an independent third-party laboratory of samples collected during the course of the project. The number and location of samples were selected to provide the required information. It cannot be assumed that the limited available data are representative of subsurface conditions in areas not sampled.

Conclusions and/or recommendations are based on the observations, laboratory analyses, and the governing regulations. Conclusions and/or recommendations beyond those stated and reported herein should not be inferred from this document.

Partner warrants that the environmental consulting services contained herein were accomplished in accordance with generally accepted practices in the environmental engineering, geology, and hydrogeology fields that existed at the time and location of work. No other warranties are implied or expressed.

1.3 User Reliance

Partner was engaged by Elkins Kalt Weintraub Reuben Gartside LLP (the Addressee), or their authorized representative, to perform this investigation. The engagement agreement specifically states the scope and purpose of the investigation, as well as the contractual obligations and limitations of both parties. This report and the information therein, are for the exclusive use of the Addressee. This report has no other purpose and may not be relied upon, or used, by any other person or entity without the written consent of Partner. Third parties that obtain this report, or the information therein, shall have no rights of recourse or recovery against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, the Addressee and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such use. Unauthorized use of this report shall constitute acceptance of, and commitment to, these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted Partner's standard Terms and Conditions, a copy of which can be found at http://www.partneresi.com/terms-and-conditions.php.

2.0 SITE BACKGROUND

2.1 Site Description

The subject property consists of one parcel of land comprising 26.77 acres located to the north of Telegraph Road and to the west of Santa Fe Springs Road within an industrial area of Santa Fe Springs, Los Angeles County, California. The subject property consists of one, single-story office building on the western edge of the subject property and a canopy structure to the northeast of the building used to cover construction equipment; the remainder of the subject property parcel consists of vacant land utilized for oil production. There are over 100 active, plugged, idle, and/or cancelled oil wells on the subject property. The office building is reportedly utilized by a construction company.

The subject property is bound by industrial properties to the north, vacant lots to the east, a vacant lot and industrial property to the south, and industrial properties to the west. Refer to Figure 1 for a site vicinity map showing site features and surrounding properties.

2.2 Site History

Partner completed a draft *Phase I Environmental Site Assessment Report* (Phase I) for the subject property, dated December 12, 2022, on behalf of Elkins Kalt Weintraub Reuben Gartside LLP. According to the reviewed historical sources, the subject property was previously undeveloped as early as 1896 and has existed as vacant land utilized for oil production since approximately 1923, with the small office structure present by 1988.

The following recognized environmental conditions (RECs) were identified in the Phase I:

- According to the California Geologic Energy Management Division (CalGEM), the subject property is located within the Santa Fe Springs Oil Field. Over 100 oil wells were reported to be present on the subject property, consisting of active, idle, plugged, and canceled wells. The wells are currently operated by Bridgeland Resources, LLC, since October 2022. Violations for failure to conduct real-time testing of the monitoring system on injection wells, a notice of reduced injection gradient, and overdue semi-annual testing for idle and active wells were reported. The wells are productive at approximately 4,500 feet below ground surface (bgs). At the time of the Phase I, the oil wells appeared to be properly managed, with good housekeeping observed.

  According to the review of historical sources and regulatory agency records, the subject property has been an active oil field since the 1920s. Oil wells have the potential to pose environmental concerns due to the potential impacts of petroleum hydrocarbons and VOCs to the deep groundwater aquifers, soil, and soil vapor. During oil well drilling of this type, it was common practice to deposit the drilling cuttings in a large excavation near the location of the well. The drilling cuttings could potentially contain elevated levels of crude oil, petroleum hydrocarbons, VOCs, metals, and undisclosed proprietary chemicals.

  Furthermore, the subject property is located in an area of significant oil production, as evidenced by the numerous oil wells located on site and on the adjoining and surrounding properties. An additional issue of concern with oil wells is the potential emission of methane and H_2S gasses. These gasses can migrate through geologic materials and/or pathways such as old oil wells, fissures, and fractures in

underlying geologic formations. The emitted gasses have the potential to accumulate within building interiors, adversely affecting human health.

Although current operations appear to maintain generally good housekeeping, the long-term presence of oil production wells at the subject property and vicinity represents a REC.

- According to records reviewed via the State Water Resources Control Board (SWRCB) GeoTracker online database, there are two open Cleanup Program Sites listed near the subject property. The addresses for these release cases are not provided; however, the names listed could potentially be associated with the subject property. The first case, identified as CITY OF SANTA FE SPRINGS- MOBIL OIL FIELD RECLAMATION PROJECT (Case #SL0603706372), is currently inactive as of January 29, 2015. The second listing identified as, CITY OF SANTA FE SPRINGS- GOLDEN SPRINGS REDEVELOPMENT (Case #SL0603774383), is currently inactive as of January 29, 2015. No further pertinent information was available within the listings. A request was sent to the SWRCB; however, Partner had not received a response as of the date of the Phase I. Based on the open nature of these cases, the likelihood that they are associated with the subject property, and the lack of information available for review, the open cases represent a REC.
- The subject property is identified within the boundary of the Omega Chemical Corporation Superfund/National Priorities List (NPL) site. According to the 'First Five-Year Review Report for Omega Chemical Corporation Superfund Site', prepared by the United States Environmental Protection Agency (EPA) and dated September 15, 2022, the Superfund site originated from the former Omega Chemical Corporation facility that operated as a refrigerant and solvent recycling and treatment facility between approximately 1976 and 1991. The site was placed on the NPL in January 1999. The site is divided into three areas for investigation and cleanup: the Source Area (OU-1), the Downgradient Groundwater Area (OU-2), and Indoor Air Area in buildings within or near the Source Area (OU-3). The subject property is located within OU-2. There are groundwater impacts beneath the source area that extend approximately 4.5 miles down-gradient of the facility. The main contaminants of concern consist of tetrachloroethylene (PCE); trichloroethylene (TCE); 1,1-dichloroethylene (DCE); freons, and other VOCs. Remedy has been selected and implemented for OU-1; however, remedy has not yet been implemented for OU-2 and has not been selected for OU-3.

  The selected remedy for OU-2 consists of 'a groundwater pump and treat system with extraction wells at three locations along the down-gradient plume, and treatment of the contaminated groundwater for drinking water use or reinjection into the aquifer if agreements with water purveyors cannot be reached in a timely manner.' The current remedy that has been implemented for OU-1 is treating the groundwater system at the source and containing it to prevent it from migrating.

  Based on the lack of any on-site drinking water wells at the subject property, the ongoing remediation efforts for the NPL site, the industrial use of the subject property, and the regulatory oversight, this listing represents a REC; however, it appears that no further action is required on behalf of the subject property related to the NPL.

Partner understands that the subject property is proposed for commercial/industrial development.

2.3 Geology and Hydrogeology

Review of the United States Geological Survey (USGS) *Whittier, California* Quadrangle topographic map indicates the subject property is situated approximately 150 feet above mean sea level, and the local topography is sloping gently to the southwest. Refer to Figure 2 for a topographic map of the site vicinity.

According to the California Geological Survey, the subject property is situated in the Peninsular Ranges which are a series of ranges separated by northwest trending valleys, subparallel to faults branching from the San Andreas Fault. The trend of topography is similar to the Coast Ranges, but the geology is more like the Sierra Nevada, with granitic rock intruding the older metamorphic rocks. The Peninsular Ranges extend into lower California and are bound on the east by the Colorado Desert. The Los Angeles Basin and the island group (Santa Catalina, Santa Barbara, and the distinctly terraced San Clemente and San Nicolas islands), together with the surrounding continental shelf (cut by deep submarine fault troughs), are included in the province.

Based on borings advanced during this investigation, the underlying subsurface consists predominantly of silt (ML), sandy silt (ML/SP) and clayey silt (ML/CL) from the ground surface to approximately 20 feet bgs. Refer to Appendix A for boring logs from this investigation.

Groundwater was not encountered during this investigation and was not a part of the scope of work. According to the SWRCB Geotracker website, a nearby Leaking Underground Storage Tank (LUST) site is CHEVRON #9-5306 (T0603702757) at 12155 Telegraph Road, Santa Fe Springs, California in the City of Santa Fe Springs, which is approximately 0.4 mile southwest of the subject property and is overseen by the Los Angeles Water Quality Control Board (LARWQCB) as Case Number 0203. The site maintains 34 groundwater monitoring wells in the area. The most recent monitoring data available on the GeoTracker Website was for May 5, 2022, with depth to groundwater ranging from 105.71 to 111.43 feet bgs with an inferred direction of flow to the south-southwest.

3.0 FIELD ACTIVITIES

The Phase II Subsurface Investigation scope included the advancement of 28 borings (B1 through B28) to collect representative soil and/or soil gas samples. Refer to Tables 1A and 1B for a summary of the borings, sampling schedule, and laboratory analyses for this investigation.

3.1 Preparatory Activities

Prior to the initiation of fieldwork, Partner completed the following activities.

3.1.1 Utility Clearance

Partner notified DigAlert to clear public utility lines as required by law at least two business days prior to drilling activities. DigAlert issued ticket number A230460243-00A for the project.

3.2 Health and Safety Plan

Partner prepared a site-specific Health and Safety Plan, which was reviewed with on-site personnel involved in the project prior to the commencement of drilling activities.

3.3 Geophysical Survey

On February 16 and 17, 2023, SafeScann (SS) conducted a geophysical survey under the supervision of Partner. The purpose of the geophysical survey was to identify former cuttings pits and/or other features associated with the on-site oil wells and to clear boring locations of utilities. The geophysical survey was conducted using a Schonstedt GA-72Cd magnetic gradiometer, a GSSI 400 MHz Antenna w/ SIR 4000 and ground penetrating radar (GPR) unit, and a Radio Detection 8000 (RD 8000) utility locator with line-tracing capabilities.

SS systematically free-traversed the entire subject property around the existing wells with the aforementioned equipment. The equipment data were interpreted in real time and compiled as necessary in order to identify subsurface anomalies consistent with cuttings pits, abandoned well heads, and/or other associated features.

The geophysical survey did not identify anomalies consistent with cuttings pits. Pipes were observed and delineated with GPR and/or electromagnetic locating equipment around the wells. The purpose and origins of the pipes are to carry natural gas and crude oil.

In addition, SS systematically free-traversed each proposed boring location with the aforementioned equipment and the equipment data were interpreted in real time for evidence of utility lines and/or other subsurface features of potential concern. Based on the findings of the GPR survey, no subsurface utilities were identified within the proposed boring locations.

3.4 Drilling Equipment

On February 20 through 22, 2023, Partner subcontracted with Encon Technologies (Encon) to provide and operate drilling equipment. Encon, under the direction of Partner, advanced borings B1 through B26 with a truck-mounted Geoprobe Model 5510 direct push rig and advanced borings B27 and B28 with a limited-access Geoprobe Model 420M. Sampling equipment was decontaminated between sample intervals and boring locations to prevent cross-contamination.

3.5 Sample Locations

Borings B1 through B5 were advanced in the northwest portion of the subject property. Borings B6 through B8 were advanced in the west portion of the subject property. Borings B9 through B11 and B13 were advanced in the southwest portion of the subject property. Boring B12 was advanced in the south portion of the subject property. Boring B14 was advanced in the north portion of the subject property. Boring B15 was advanced in the north-central portion of the subject property. Boring B16 and B25 through B28 were advanced in the northeast portion of the subject property. Borings B17 and B18 were advanced in the east portion of the subject property. Boring B19 was advanced in the central portion of the subject property. Borings B20 through B24 were advanced in the southeast portion of the subject property.

Refer to Figure 3 for a map indicating sample locations.

3.6 Soil Sampling

Borings B1 through B28 were located in unimproved areas. Boring B1 was advanced to a terminal depth of 20 feet bgs. Borings B2 through B28 were advanced to drilling refusal at terminal depths ranging from the ground surface to 18 feet bgs. Refer to Tables 1A and 1B for specific depths.

Soil samples were collected using a 2-foot long by 1.5-inch diameter sampler with a 2-foot long acetate liner and sampling point. The sampler was advanced by the direct-push drill rig using 4-foot long by 1.25-inch diameter hollow rods with the inner rods in place. At approximately 1 foot above the desired sampling depth, an inner rod was removed and the sampler was advanced to the desired sampling depth to allow undisturbed soil to enter the sampling liner. The sampler was retrieved from the subsurface and the soil-filled liner was removed.

Each acetate liner was cut using a hacksaw. Samples were collected from the lower half of the liner using a disposable plastic syringe and retained in two sodium bisulfate-preserved and one methanol-preserved volatile organics analysis (VOA) vials in accordance with United States Environmental Protection Agency (EPA) Method 5035 sampling protocol. The remainder of the lower half of the liner was capped on either end with Teflon tape and plastic caps. The capped liners and VOA vials were labeled for identification and stored in an iced cooler. The soil in the upper half of the liner was visually inspected for discoloration, monitored for odors, classified in accordance with the Unified Soil Classification System, placed in a sealable plastic bag, and field-screened with a photoionization detector (PID). Several of the samples exhibited discoloration or an odor and PID readings suggested the presence of elevated volatile organics concentrations.

Soil samples were collected from boring B1 at 5, 10, 15, and 20 feet bgs; from borings B2, B3, B4, B6, B7, B9 through B12, B14, B15, B17, B18, and B24 at 5, 10, and 15 feet bgs; from borings B5, B16, and B23 at 5 and 10 feet bgs; from borings B13, B19, B22, and B25 through B28 at 5 feet bgs; and from boring B20 at 5, 10, and 13 feet bgs. Soil samples were not collected from borings B8 and B21 due to shallow refusal depths.

3.7 Soil Gas Sampling

Soil Gas Probe Construction

Soil gas probes screened at 5 feet bgs were constructed within the boreholes at borings B1 through B7, B9 through B20, and B22 through B28 upon completion of soil sampling. Boreholes were backfilled with dry,

granular bentonite to approximately 6 inches below the desired sampling depth as needed. A new section of ¼-inch diameter Nylaflow tubing with a new ¼-inch diameter polypropylene filter at the terminal end was inserted into the borehole to the desired sampling depth. One-inch diameter polyvinyl chloride (PVC) casing was used as a guide for the tubing to ensure that the desired sampling depth was achieved. Sand was poured into the boring annulus to form an approximately 1-foot long sand pack around the polypropylene filter, at which time the PVC piping was withdrawn. Approximately 1 foot of dry, granular bentonite was placed atop the sand pack and the remainder of the borehole was backfilled with hydrated bentonite to the ground surface to form a seal. The sampling end of the tubing was fitted with a cap and the probe was labeled for identification.

Soil Gas Sampling Methodology

Soil gas samples were collected in general accordance with the July 2015 Department of Toxic Substance Control (DTSC) and LARWQCB "Advisory – Active Soil Gas Investigations."

A&R Laboratories (A&R) [California Department of Public Health (CDPH) Environmental Laboratory Accreditation Program (ELAP) certificate numbers 2122; 2789; 2790], the mobile laboratory on site, was calibrated at the beginning of the day prior to the first analysis. Each probe was allowed to equilibrate for at least two hours after installation prior to sampling with vapor-tight glass syringes. Three probe volumes were purged each location prior to sampling. A Method Blank was analyzed and no contaminants were detected, indicating that the soil gas probe materials and laboratory equipment were free from contaminants. One sample was also collected in duplicate to assess the accuracy of the laboratory analysis. The duplicate sample was within an acceptable margin of error.

A tracer gas (isopropanol) was placed around each probe at the ground surface while sampling to detect ambient air intrusion. The tracer gas was not detected in the samples, indicating that the integrity of the bentonite seal was maintained. In addition, recovery of surrogate compounds included with each analysis was within acceptable limits, indicating that the sampling containers and analysis equipment did not leak.

Subsurface methane and H_2S concentrations were field screened directly at each soil gas sampling point, with the exception of borings B8, B21, and B24, (25 soil gas probes total). Measurements were recorded using an MRU Optima 7 Biogas Landfill Analyzer by connecting the soil gas probe to the sampling port of the portable gas monitor.

Soil gas samples were collected from borings B1 through B7, B9 through B20, and B22 through B28 at 5 feet bgs.

3.8 Post-Sampling Activities

Probes were removed from the subsurface and the boreholes were backfilled with hydrated bentonite chips following sampling activities.

No significant amounts of derived wastes were generated during this investigation.

4.0 DATA ANALYSIS

4.1 Laboratory Analysis

Partner collected 62 soil samples from February 20 through 22, 2022, which were transported in an iced cooler under chain-of-custody protocol to Jones Environmental, Inc. (Jones) a state-certified laboratory (CDPH ELAP certificate number 2882) in Santa Fe Springs, California. Based on field-screening results, visual observations, and/or olfactory observations, one soil sample per boring (26 soil samples total) was analyzed for carbon chain total petroleum hydrocarbons (TPH-cc) [collectively total petroleum hydrocarbons as diesel and oil (TPH-d and TPH-o, respectively) via EPA Method 8015M and total petroleum hydrocarbons as gasoline (TPH-g) via EPA Method 8260], for volatile organic compounds (VOCs) via EPA Method 8260, and for California Administrative Manual (CAM) 17 metals via EPA Method 6010/7471A. The remaining soil samples were placed on hold at the laboratory.

A&R was present on site from February 23, and March 1, 2023 and collected 26 soil gas samples and two duplicate samples which were immediately loaded into the gas chromatograph/mass spectrometer (GC/MS) for analysis. Each soil gas sample (26 soil gas samples total) was analyzed for VOCs via EPA Method 8260B.

On February 22, 2023, methane and H_2S were field screened at each soil gas sampling point, with the exception of borings B8, B21, and B24, (25 soil gas probes total) using an MRU Optima 7 Biogas Landfill Analyzer field instrument. Soil gas samples were not collected from borings B8 and B21 due to shallow drilling refusal. Soil gas probe B24-SG was not field screened as there was water present in the probe at the time of sampling.

Laboratory analytical results are included in Appendix B and discussed below.

4.2 Regulatory Agency Comparison Criteria

Environmental Screening Levels

The San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) has established Environmental Screening Levels (ESLs) as an initial screening level evaluation. ESLs aid in assessing the potential threats to human health, terrestrial/aquatic habitats, and/or drinking water resources due to contaminants in soil, soil gas, and/or groundwater. Under most circumstances, the presence of contamination below applicable ESLs can be assumed to not pose a significant, chronic (i.e., long-term) adverse risk to the applicable receptor of concern. Conversely, sites that exceed ESLs generally require further evaluation and/or remediation. Please note that the ESLs were developed using default assumptions (e.g., standard exposure factors) and, consequently, are only meant for screening level assessments. The ESLs should not be considered enforceable regulatory standards. Cleanup levels ultimately dependent on site-specific factors and are established by the regulatory agencies on a case-by-case basis.

Department of Toxic Substances Control Attenuation Factor and Regional Screening Levels

Regional Screening Levels (RSLs) are generic, risk-based chemical concentrations developed by the EPA for use in initial screening-level evaluations. RSLs combine human health toxicity values with standard exposure factors to estimate contaminant concentrations that are considered to be health protective of human exposures over a lifetime through direct-contact exposure pathways (e.g., via inhalation and/or ingestion

of and/or dermal contact with impacted soil and/or indoor air). RSLs are not legally enforceable standards, but rather are considered guidelines to evaluate if potential risks associated with encountered chemical impacts may warrant further evaluation.

The DTSC Office of Human and Ecological Risk (HERO) developed California-Modified RSLs based on a review of 1) RSL concentrations, and 2) recent toxicity values.

While soil gas detections are not immediately comparable to the indoor air quality guidelines within the RSLs, the DTSC issued a recommended default attenuation factor of 0.03 for sub-slab soil gas and near-source exterior soil gas in the June 2015 document Office of Solid Waste and Emergency Response (OSWER) Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air. With the subsurface contaminant concentrations and default attenuation factors, the associated contaminant concentrations in soil gas can be estimated as Calculated Residential and Commercial/Industrial Soil Gas Screening Levels (SGSLs).

Methane Lower and Upper Explosive Limits

Methane is extremely flammable and can explode at concentrations between 5% (lower explosive limit or LEL) and 15% (upper explosive limit or UEL), or 50,000 and 150,000 parts per million by volume (ppmv), respectively.

H_2S Permissible Exposure Limits (PELs)

Screening levels for H_2S are reported by the California Occupational Safety and Health Administration (OSHA) as a Permissible Exposure Limit (PEL) under a time weighted average (TWA) over 8 hours [10 parts per million (ppm)] or as a PEL short term exposure limit (STEL) over 15 minutes as 15 ppm.

4.3 Soil Sample Data Analysis

TPH-g was detected in soil samples B6-15, B9-15, B18-15, and B20-10 at concentrations above the laboratory reporting limit (RL). TPH-d and TPH-o were detected in soil samples B6-15, B9-15 and B20-10 at concentrations above laboratory RLs. Petroleum hydrocarbons were not detected in the remaining analyzed soil samples at concentrations above laboratory RLs and RLs do not exceed applicable ESLs.

The detected concentrations of TPH-d in soil samples B9-15 and B20-10 were 5,230 and 2,060 milligrams per kilogram (mg/kg), respectively, which exceed the Tier 1 ESL of 260 mg/kg. The detected concentrations of TPH-o in soil samples B9-15 and B20-10 were 2,420 and 1,300 mg/kg, respectively, which exceed the Tier 1 ESL of 1,600 mg/kg.

1,2,4-Trimethylbenzene (TMB); 1,3,5-TMB; benzene; ethylbenzene; isopropylbenzene; m,p-xylene; naphthalene; n-propylbenzene; o-xylene; sec-butylbenzene; tert-butyl alcohol; and toluene were detected in the analyzed soil samples above the laboratory RLs. None of the detected VOC concentrations in soil exceeded the applicable RSLs. None of the remaining VOCs were detected in the analyzed soil samples above the laboratory RLs and the RLs did not exceed the commercial/industrial RSLs.

Arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc were detected in the analyzed soil samples above the laboratory RLs. None of the remaining CAM 17 metals were detected in the analyzed soil samples at concentrations above laboratory RLs and the laboratory RLs were below the applicable screening levels.

Arsenic was detected in 22 of the soil samples at concentrations ranging from 5.5 to 91.2 mg/kg which exceed the commercial/industrial RSL of 0.36 mg/kg. However, 17 of the soil samples did not exceed the regional background concentration for typical California soils (12 mg/kg) as based on the DTSC March 2008 report *Determination of a Southern California Regional Background Arsenic Concentration in Soil*. The detected concentrations of arsenic in soil samples B1-20, B2-15, B13-5, B16-5, and B22-5 ranged from 13.4 to 91.2 mg/kg, which exceed the regional background concentration for typical California soils. None of the remaining detected metals in soil exceeded the applicable screening levels.

Refer to Tables 2 through 4 for a summary of the soil sample TPH-cc, VOCs, and CAM 17 metals laboratory analysis results, respectively.

4.4 Soil Gas Sample Data Analysis

Benzene; sec-butylbenzene; carbon disulfide; ethylbenzene; isopropylbenzene; n-propylbenzene; PCE; toluene; 1,2,4-TMB; 1,3,5-TMB; m,p-xylenes; and o-xylene were detected in one or more of the soil gas samples above the laboratory RLs and/or at trace concentrations [below laboratory RLs and above the laboratory method detection limits (MDLs)]. None of the remaining VOCs were detected in the analyzed soil samples above the laboratory RLs/MDLs.

Benzene was detected in nine soil gas samples at concentrations ranging from 30 to 54,000 micrograms per cubic meter (µg/m^3), which exceed the calculated commercial/industrial SGSL of 14 µg/m^3.

The detected concentration of ethylbenzene was 700 µg/m^3, which exceeds the calculated commercial/industrial SGSL of 163 µg/m^3. None of the remaining detected VOCs in soil gas exceeded the commercial/industrial SGSLs.

Methane was detected in 12 of the field screened soil gas probes and H_2S was detected in six of the field screened soil gas probes. Methane concentrations for B17, B18, and B20 were 11.26%, 22.8%, and 8.32%, which exceed the LEL of 5%.

None of the detected concentrations of H_2S exceeded the TWA PEL and/or the STEL PEL.

Refer to Tables 5 and 6 for a summary of the soil gas sample VOCs laboratory analysis results and methane and H_2S screening results, respectively.

4.5 Discussion

The geophysical survey did not identify anomalies consistent with cuttings pits.

TPH-d and TPH-o were detected in analyzed soil samples B9-15 and B20-10 at concentrations exceeding applicable ESLs. Boring B9 is located on the west side of the subject property in the vicinity of a cluster of active oil wells and boring location B20 is located on the east side of the subject property to the north of a cluster of active oil wells.

None of the analyzed soil samples had concentrations of VOCs that exceeded applicable RSLs.

Arsenic was detected in analyzed soil samples B1-20, B2-15, B13-5, B16-5, and B22-5 at concentrations above the applicable RSL and background concentration. Thef elevated concentrations of arsenic are located in the northwest, northeast, southeast, and south portions of the subject property. The highest concentration of arsenic was located in northeast portion of the subject property.

Benzene was detected in eight of the analyzed soil gas samples at concentrations exceeding applicable SGSLs. The highest concentration of benzene was detected in boring B18, which also had an elevated concentration of ethylbenzene. None of the remaining VOCs were detected in the analyzed soil gas samples above applicable screening levels.

Borings B17, B18, and B20 had concentrations of methane that exceed the LEL. Borings B17, B18, and B20 were located on the eastern side of the subject property. The highest concentration of methane was located in boring B18.

Based on the analytical data, there have been releases to the subsurface from the oil well operations throughout the subject property, with the largest source appearing to be on the east side of the property.

5.0 SUMMARY AND CONCLUSIONS

Partner conducted a Phase II Subsurface Investigation at the subject property to evaluate the potential impact of petroleum hydrocarbons, VOCs, methane, H_2S, and/or metals to soil and/or soil gas as a consequence of a release or releases from on-site oil production activities. The scope of the Phase II Subsurface Investigation included 28 soil and/or soil gas borings. Twenty-six soil samples were analyzed for TPH-cc, VOCs, and CAM 17 metals, and 26 soil gas samples (plus two duplicate samples) were analyzed for VOCs. Twenty-five soil gas probes were field screened for methane and H_2S.

The underlying subsurface consists predominantly of silt (ML), sandy silt (ML/SP) and clayey silt (ML/CL) from the ground surface to approximately 20 feet bgs.

The geophysical survey did not identify anomalies consistent with cuttings pits.

None of the analyzed soil samples had concentrations of VOCs that exceeded applicable RSLs.

TPH-d and TPH-o were detected in analyzed soil samples B9-15 and B20-10 at concentrations exceeding applicable ESLs. Boring B9 is located on the west side of the subject property in the vicinity of a cluster of active oil wells and boring location B20 is located on the east side of the subject property to the north of a cluster of active oil wells.

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Borings B17, B18, and B20 had concentrations of methane that exceed the LEL. Borings B17, B18, and B20 were located on the eastern side of the subject property. The highest concentration of methane was located in boring B18.

Based on the analytical data, there have been releases to the subsurface from the oil well operations throughout the subject property, with the largest source appearing to be on the east side of the property.

Partner recommends additional investigation to evaluate the impacts to soil and soil gas and to evaluate the vapor intrusion concern and methane explosion hazard to potential future development. Partner recommends a Soil Management Plan to protect site workers during potential redevelopment. Furthermore, as there are still active oil wells on the subject property, Partner recommends that the oil wells be abandoned in accordance with the appropriate requirements.

TABLES

PARTNER

Table 1A: Summary of Investigation Scope
APN 8005-015-051
Santa Fe Springs, California 90670
Partner Project Number 22-392110.8
February 20-22 and March 1, 2023

Boring Identification	REC/Issue	Location	Terminal Depth (feet bgs)	Matrix Sampled	Sampling Depths* (feet bgs)	Target Analytes
B1	On-site oil production activities	Northwest portion of subject property	20	Soil	5, 10, 15, 20	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B2		Northwest portion of subject property	15**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B3		Northwest portion of subject property	18**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B4		Northwest portion of subject property	15**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B5		Northwest portion of subject property	17**	Soil	5, 10	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B6		West portion of subject property	17**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B7		West portion of subject property	18**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B8		West portion of subject property	0**	NA	NA	NA
B9		Southwest portion of subject property	17.5**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B10		Southwest portion of subject property	16**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B11		Southwest portion of subject property	15**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B12		South portion of subject property	17**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B13		Southwest portion of subject property	5**	Soil	5	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B14		North portion fo subject property	17**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B15		North-central portion of subject property	15**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B16		Northeast portion fo subject property	12**	Soil	5, 10	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B17		East portion of subject property	15**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S

Notes:
*Depths in bold analyzed for carbon chain total petroleum hydrocarbons (TPH-cc) [collectively total petroleum hydrocarbons as diesel and oil (TPH-d and TPH-o, respectively) via United States Environmental Protection Agency (EPA) Method 8015M and total petroleum hydrocarbons as gasoline (TPH-g) via EPA Method 8260], for volatile organic compounds (VOCs) via EPA Method 8260, and for California Administrative Manual (CAM) 17 Metals via EPA Method 6010B/7471A. Underlined depths analyzed for VOCs via EPA Method 8260 and field screened for methane and hydrogen sulfide (H2S) using a MRU Optima 7 Biogas Analyzer.
**Refusal encountered at the terminal depth
REC = recognized environmental condition
bgs = below ground surface
NA = not applicable

PARTNER

Table 1B: Summary of Investigation Scope
APN 8005-015-051
Santa Fe Springs, California 90670
Partner Project Number 22-392110.8
February 20-22 and March 1, 2023

Boring Identification	REC/Issue	Location	Terminal Depth (feet bgs)	Matrix Sampled	Sampling Depths* (feet bgs)	Target Analytes
B18	On-site oil production activities	East portion of subject property	17**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B19		Central portion of subject property	7**	Soil	5	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B20		Southeast portion of subject property	13**	Soil	5, 10, 13	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B21		Southeast portion of subject property	2**	Soil	NC	NA
				Soil Gas	NC	NA
B22		Southeast portion of subject property	7**	Soil	5	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B23		Southeast portion of subject property	10**	Soil	5, 10	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B24		Southeast portion of subject property	15**	Soil	5, 10, 15	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B25		Northeast portion of subject property	7**	Soil	5	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B26		Northeast portion of subject property	5**	Soil	5	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B27		Northeast portion of subject property	6.5**	Soil	5	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S
B28		Northeast portion of subject property	7**	Soil	5	TPH-cc, VOCs, Metals
				Soil Gas	5	VOCs, methane, H2S

Notes:

*Depths in bold analyzed for carbon chain total petroleum hydrocarbons (TPH-cc) [collectively total petroleum hydrocarbons as diesel and oil (TPH-d and TPH-o, respectively) via United States Environmental Protection Agency (EPA) Method 8015M and total petroleum hydrocarbons as gasoline (TPH-g) via EPA Method 8260], for volatile organic compounds (VOCs) via EPA Method 8260, and for California Administrative Manual (CAM) 17 Metals via EPA Method 6010/7471. Underlined depths analyzed for VOCs via EPA Method 8260 and field screened for methane and hydrogen sulfide (H2S) using a MRU

**Refusal encountered at the terminal depth

REC = recognized environmental condition

bgs = below ground surface

NC = not collected

NA = not applicable

PARTNER

Table 2: Soil Sample TPH-cc Laboratory Results
APN 8005-015-051
Santa Fe Springs, California 90607
Partner Project Number 22-392110.8
February 20-22

EPA Method	TPH-cc via 8015M/8260													
Units	(mg/kg)													
Analyte	Tier 1 ESLs	B1-20	B2-15	B3-10	B4-5	B5-10	B6-15	B7-15	B9-15	B10-10	B11-15	B12-5	B13-5	B14-10
TPH-g	100	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.41	< 0.2	26.5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
TPH-d	260	< 10	< 10	< 10	< 10	< 10	60.4	< 10	5,230	< 10	< 10	< 10	< 10	< 10
TPH-o	1,600	< 10	< 10	< 10	< 10	< 10	66.4	< 10	2,420	< 10	< 10	< 10	< 10	< 10
Analyte	Tier 1 ESLs	B15-15	B16-5	B17-5	B18-15	B19-5	B20-10	B22-5	B23-10	B24-15	B25-5	B26-5	B27-5	B28-5
TPH-g	100	< 0.2	< 0.2	< 0.2	0.3	< 0.2	16.1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
TPH-d	260	< 10	< 10	< 10	< 10	< 10	2,060	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-o	1,600	< 10	< 10	< 10	< 10	< 10	1,300	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:

TPH-cc = carbon chain total petroleum hydrocarbons

EPA = United States Environmental Protection Agency

TPH-g = total petroleum hydrocarbons as gasoline

TPH-d = total petroleum hydrocarbons as diesel

TPH-o = total petroleum hydrocarbons as oil

mg/kg = milligrams per kilogram

ESL = Environmental Screening Levels [San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Tier 1 January 2019]

< = not detected above indicated laboratory Reporting Limit (RL)

Values in bold exceed laboratory RLs

Highlighted values exceed Tier 1 ESLs

Table 3: Soil Sample VOCs Laboratory Results
APN 8005-015-051
Santa Fe Springs, California 90607
Partner Project Number 22-392110.8
February 20-22, 2023

EPA Method	VOCs via 8260B												
Units	(µg/kg)												
Analyte	Commercial/ Industrial Soil RSL	B1-20	B2-15	B3-10	B4-5	B5-10	B6-15	B7-15	B9-15	B10-10	B11-15	B12-5	B13-5	B14-10
1,2,4-Trimethylbenzene	1,800,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	20.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	1,500,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	1,400	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	18.3	16.3	1.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	25,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	34.2	< 1.0	1.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	9,900,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	8.8	< 1.0	389	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m,p-Xylene	2,400,000	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	158	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Naphthalene	8,600	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	40.6	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Propylbenzene	24,000,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.8	< 1.0	614	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	2,800,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	12,000,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	280	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butyl Alcohol	6,500,000	< 50.0	< 50.0	< 50.0	163	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
Toluene	5,300,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	21.9	6.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Other VOCs	Varies	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analyte	Commercial/ Industrial Soil RSL	B15-15	B16-5	B17-5	B18-15	B19-5	B20-10	B22-5	B23-10	B24-15	B25-5	B26-5	B27-5	B28-5
1,2,4-Trimethylbenzene	1,800,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	1,500,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	1,400	< 1.0	< 1.0	< 1.0	114	< 1.0	5.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	25,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	9,900,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m,p-Xylene	2,400,000	< 2.0	< 2.0	< 2.0	11.8	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Naphthalene	8,600	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Propylbenzene	24,000,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	2,800,000	< 1.0	< 1.0	< 1.0	2.1	< 1.0	1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	12,000,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butyl Alcohol	6,500,000	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	521	< 50.0	57.1	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
Toluene	5,300,000	< 1.0	< 1.0	< 1.0	13.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Other VOCs	Varies	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
VOCs = volatile organic compounds
EPA = United States Environmental Protection Agency
µg/kg = micrograms per kilogram
RSL = June 2020 (Revised May 2022) DTSC Regional Screening Levels (RSLs). If DTSC RSLs do not exist, November 2022 United States Environmental Protection Agency (EPA) RSLs were utilized.
< = not detected above indicated laboratory Reporting Limit (RL)
ND = not detected above laboratory RLs
Values in bold exceed laboratory RLs

PARTNER

Table 4: Soil Sample CAM 17 Metals Laboratory Results (mg/kg)
APN 8005-015-051
Santa Fe Springs, California 90607
Partner Project Number 22-392110.8
February 20-22, 2023

Element	Commercial / Industrial Soil RSL	Background Concentrations*	B1-20	B2-15	B3-10	B4-5	B5-10	B6-15	B7-15	B9-15	B10-10	B11-15	B12-5	B13-5	B14-10
Antimony (Sb)[1]	470	0.21 - 0.99	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Arsenic (As)	0.36	12**	13.4	14.2	6.1	7.2	< 5.0	< 5.0	11	6.7	8.1	< 5.0	7.2	72.6	7.3
Barium (Ba)[1]	220,000	299 - 719	72.8	77.4	156	155	126	96.6	166	154	126	96.8	138	135	113
Beryllium (Be)[1]	230	0.76 - 1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium (Cd)[1]	780	0.05 - 0.67	1.6	2.1	2.7	2.5	1.7	1.8	2.2	2.9	3.3	2.1	2.2	2.5	2.5
Chromium (Cr)[1]	1,800,000	0 - 345	14.9	20.4	25.6	26	14.6	19.5	21.9	29	33.3	19.4	20	24.2	23.2
Cobalt (Co)[1]	350	5.7 - 24.1	6.9	9.9	12.3	11.5	7.2	7.9	9.96	21.5	13.4	9.95	11	9.99	11.6
Copper (Cu)[1]	47,000	9.4 - 48	19.2	25.2	28.7	24.6	19.2	20.2	32.3	29.6	37.9	23.7	27.1	25.2	24.9
Lead (Pb)	500	10.1 - 37.7	3.9	5.4	6	5.3	2.1	3.9	3.9	6.5	7.4	6.3	4.5	21.6	5.6
Mercury (Hg)	4.4	0.05 - 0.47	0.098	0.202	0.06	< 0.02	0.087	0.083	0.07	0.044	0.046	0.089	0.049	0.237	0.058
Molybdenum (Mo)[1]	5,800	0 - 2.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel (Ni)	11,000	0 - 137	14	20.4	19.8	17.4	13.2	13.2	18.3	24.5	25	18.5	18.8	17	17.5
Selenium (Se)[1]	5,800	0 - 0.142	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Silver (Ag)	5,800	0 - 2.23	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Thallium (Tl)[1]	12	0.37 - 0.75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vanadium (V)	5,800	59 - 165	25.7	29.5	43.8	45.1	22.7	29.4	34	49.3	50.6	28.8	30.6	37.2	40.8
Zinc (Zn)[1]	350,000	117 - 181	39.8	42.7	59.1	52.8	37.2	51.8	82	59.8	65	48.9	56	184	48.5

Element	Commercial / Industrial Soil RSL	Background Concentrations*	B15-15	B16-5	B17-5	B18-15	B19-5	B20-10	B22-5	B23-10	B24-15	B25-5	B26-5	B27-5	B28-5
Antimony (Sb)[1]	470	0.21 - 0.99	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Arsenic (As)	0.36	12**	< 5.0	91.2	7.1	5.7	6.3	8.9	15.5	5.9	11.2	5.7	5.5	5.5	6.6
Barium (Ba)[1]	220,000	299 - 719	107	116	154	88.8	155	112	138	134	94.5	121	116	98	150
Beryllium (Be)[1]	230	0.76 - 1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium (Cd)[1]	780	0.05 - 0.67	1.5	2.5	2.8	2	3	1.9	2.6	1.4	1.9	2.6	2.2	1.9	2.9
Chromium (Cr)[1]	1,800,000	0 - 345	12.9	22.6	28.2	17.4	27.3	16.5	23.8	14.5	24.5	25.6	22	18.1	28.6
Cobalt (Co)[1]	350	5.7 - 24.1	6.5	10.2	11.4	8.7	11.5	7.0	10.1	6.3	8.7	10.6	9.9	8.1	12.2
Copper (Cu)[1]	47,000	9.4 - 48	16.8	24.2	25.6	18.9	26.4	21.4	27.9	18.3	20.1	20.5	18.2	17.3	25.4
Lead (Pb)	500	10.1 - 37.7	2.2	6.0	5.9	4.2	6.4	2.3	25	2.3	4.2	5.6	4.4	3.7	6.7
Mercury (Hg)	4.4	0.05 - 0.47	0.05	0.082	0.033	0.154	0.049	0.199	0.109	0.044	0.036	0.078	0.02	0.022	0.088
Molybdenum (Mo)[1]	5,800	0 - 2.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel (Ni)	11,000	0 - 137	10.5	15.8	18.9	13.8	19.3	12.3	16.9	11.5	17.4	26.5	14.4	13	20.6
Selenium (Se)[1]	5,800	0 - 0.142	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Silver (Ag)	5,800	0 - 2.23	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Thallium (Tl)[1]	12	0.37 - 0.75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vanadium (V)	5,800	59 - 165	23.1	40.3	46	34.6	48.5	25.8	39.3	21.8	30.2	40.3	36.5	29.7	45.7
Zinc (Zn)[1]	350,000	117 - 181	35.4	57.4	56	40.1	58.2	37.8	78.2	32.8	37.7	48.3	42.2	38.3	53

Notes:

*From Kearney Foundation of Soil Science March 1996 report *Background Concentrations of Trace and Major Elements in California Soils.* Background concentrations of metals are considered to be within one standard deviation from the mean metal concentrations determined by the study. Concentrations indicated in milligrams per kilogram (mg/kg).

**From Department of Toxic Substance Control (DTSC) March 2008 report *Determination of a Southern California Regional Background Arsenic Concentration in Soil* .

CAM = California Administrative Manual

RSL = June 2020 (Revised May 2022) DTSC Regional Screening Levels (RSLs). If DTSC RSLs do not exist, November 2022 United States Environmental Protection Agency (EPA) RSLs were utilized.

< = not detected above indicated laboratory Reporting Limit (RL)

Values in bold exceed laboratory RLs

Yellow highlighted values exceed commercial/industrial guidelines

Orange highlighted values exceed commercial/industrial guidelines and background concentrations

PARTNER

Table 5: Soil Gas Sample VOCs Laboratory Results
APN 8005-015-051
Santa Fe Springs, California 90607
Partner Project Number 22-392110.8
March 1, 2023

EPA Method	VOCs via 8260B												
Units	($\mu g/m^3$)												
Sample Identification	Benzene	sec-Butylbenzene	Carbon Disulfide	Ethyl-benzene	Isopropyl benzene	n-Propylbenzene	PCE	Toluene	1,2,4-TMB	1,3,5-TMB	m,p-Xylenes	o-Xylene	Other VOCs
B1-SG	30	< 25	< 250	20 J	< 25	< 25	20 J	120	< 25	< 25	30 J	< 25	ND
B2-SG	< 25	< 25	< 250	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	ND
B3-SG	< 25	< 25	< 250	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	ND
B4-SG	30	< 25	< 250	120	60	50	< 25	< 25	< 25	< 25	930	90	ND
B5-SG	< 25	< 25	< 250	90	60	70	< 25	< 25	190	70	330	40	ND
B6-SG	< 25	< 25	< 250	< 25	< 25	< 25	< 25	< 25	< 25	< 25	100	< 25	ND
B7-SG	< 25	< 25	< 250	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	ND
B8-SG	< 25	< 25	< 250	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	ND
B9-SG	< 25	< 25	< 250	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	ND
B10-SG	< 25	< 25	< 250	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	ND
B11-SG	< 25	< 25	< 250	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	ND
B12-SG	110	< 25	180 J	40	< 25	< 25	< 25	< 25	< 25	< 25	60	30	ND
B13-SG	< 25	< 25	< 250	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	ND
B14-SG	< 25	< 25	< 250	20 J	20 J	20 J	< 25	< 25	< 12.5	20 J	60	< 25	ND
B15-SG	< 25	< 25	< 250	< 25	< 25		< 25	< 25	< 25	< 25	< 50	< 25	ND
B16-SG	430	< 50	< 500	< 50	< 50	< 50	< 50	90	< 50	< 50	90 J	< 50	ND
B17-SG	4,300	< 50	< 50	70	30 J	40 J	< 50	930	70	40 J	790	60	ND
B18-SG	54,000	70	< 130	700	170	150	< 13	24,000	510	390	6,200	350	ND
B18-SG DUP	52,000	140 J	< 1,700	720	260	300	< 170	20,000	580	360	8,700	640	ND
B19-SG	< 13	< 13	< 130	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 26	< 13	ND
B20-SG	150	< 13	< 130	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 26	< 13	ND
B22-SG	< 13	< 13	< 130	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 26	< 13	ND
B23-SG	< 13	< 13	< 130	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 26	< 13	ND
B24-SG	< 13	< 13	< 130	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 26	< 13	ND
B25-SG	< 50	< 50	< 500	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 100	< 50	ND
B26-SG	10 J	< 13	< 13	< 13	< 13	< 13	< 13	20	< 13	< 13	< 13	< 13	ND
B27-SG	10 J	< 13	< 130	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 26	< 13	ND
B28-SG	40	< 13	< 130	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 26	< 13	ND
Commercial/ Industrial SGSL^	14	NE	103,333	163	60,000	NE	67	43,333	8,667	8,667	14,667	14,667	Varies

Notes:
^Calculated soil gas screening levels (SGSLs) for soil gas concentrations were derived by dividing the June 2020 (Revised May 2022) Department of Toxic Substances Control (DTSC) or November 2022 United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) for each compound using the more conservative 2015 attenuation factor of 0.03 regardless of depth. DTSC RSLs are provided in the June 2020 (Revised May 2022) DTSC Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3. Where DTSC RSLs were not available, EPA RSLs were utilized.
VOCs = volatile organic compounds
$\mu g/m^3$ = micrograms per cubic meter
PCE = tetrachloroethene
TMB = trimethylbenzene
< = not detected above indicated laboratory Reporting Limit (RL)
J = detected below laboratory RLs but above laboratory method detection limits (MDLs)
NE = not established
ND = not detected above laboratory RLs
Values in bold exceed laboratory RLs
Yellow highlighted values exceed commercial/industrial regulatory guideline

PARTNER

Table 6: Soil Gas Methane and Hydrogen Sulfide Screening Results
APN 8005-015-051
Santa Fe Springs, California 90607
Partner Project Number 22-392110.8
February 22, 2023

Method	Measured by Field Instruments*	
Sample Identification	Methane (%)	Hydrogen Sulfide (ppm)
B1-SG	0.01	1
B2-SG	0.00	0
B3-SG	0.00	0
B4-SG	0.07	5
B5-SG	0.00	0
B6-SG	0.01	0
B7-SG	0.00	0
B8-SG	0.00	0
B9-SG	0.00	0
B10-SG	0.00	0
B11-SG	0.00	1
B12-SG	0.04	0
B13-SG	0.00	1
B14-SG	0.03	0
B15-SG	0.01	0
B16-SG	0.03	0
B17-SG	11.26	0
B18-SG	22.8	0
B19-SG	0.02	1
B20-SG	8.32	0
B22-SG	0.00	0
B23-SG	0.01	0
B25-SG	0.00	0
B26-SG	0.00	0
B27-SG	0.00	0
B28-SG	0.00	0
Screening Levels^	5.00	10/15

Notes:

^Screening level for methane is the lower explosive limit (LEL) of 5 percent. Screening Level for hydrogen sulfide calculated as California Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs) of 10 parts per million (ppm) as a time weighted average (TWA) over 8 hours, or 15 ppm as a short term exposure limit (STEL) over 15 minutes.

* Field instrument = MRU OPTIMA 7 Biogas Analyzer

Yellow highlighted value exceeds the screening level

PARTNER

FIGURES

PARTNER

PARTNER

2154 Torrance Boulevard, Suite 200
Torrance, California 90501

Project Number: 22-392110.8

N

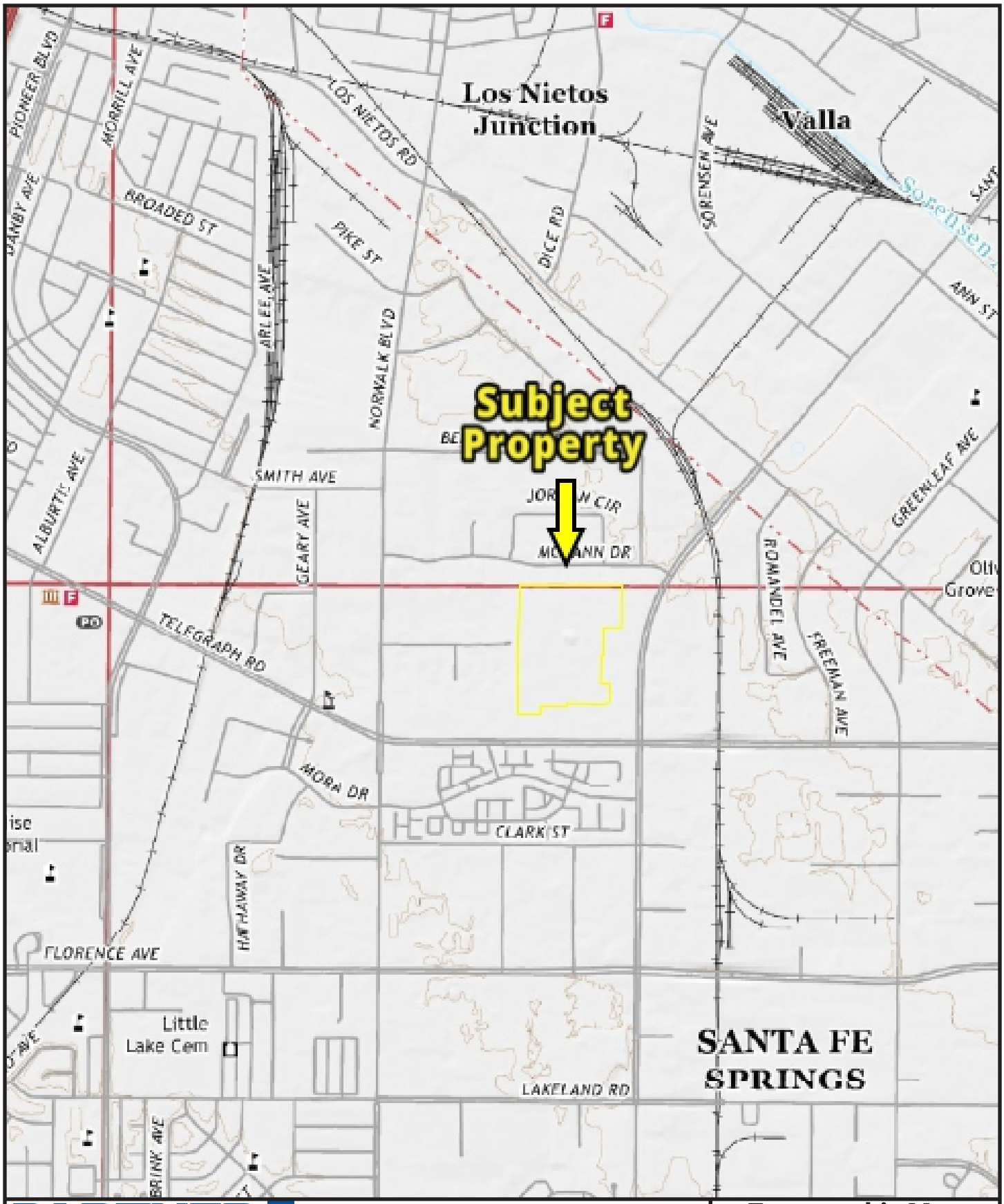
Legend

Subject Property

Site Vicinity Map

Figure	Prepared By	Date
1	H. White	March 2023

APN 8005-015-051
Santa Fe Springs, California 90670



PARTNER
2154 Torrance Boulevard, Suite 200
Torrance, California 90501
Project Number: 22-392110.8

N

USGS *Whittier, California*
Quadrangle Version: 2021

Topographic Map

Figure	Prepared By	Date
2	H. White	March 2023

APN 8005-015-051
Santa Fe Springs, California 90670

PARTNER
2154 Torrance Boulevard, Suite 200
Torrance, California 90501
Project Number: 22-392110.8

Legend
Subject Property
Proposed Boring Location

Sample Location Map

Figure	Prepared By	Date
3	J. Harrington	March 2023

APN 8005-015-051
Santa Fe Springs, California 90670

APPENDIX A: BORING LOGS

PARTNER

Boring Identification:	B1		
Boring Location:	Northwest portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B1-5	0.2	ML	Brown SILT w/ clay, lean, dry, stiff, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B1-10	0.3	ML	Grey SILT w/ pebbles, lean, dry, no odors or staining.	
11					
12					
13					
14					
15	B1-15	0.4	ML	L.brown SILT w/ clay, lean, dry, no odors or staining.	
16					
17					
18					
19					
20	B1-20	0.4	ML	L.brown SILT w/ clay, lean, dry, no odors or staining.	
21					Boring terminated at 20 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
22					
23					
24					
25					

Boring Identification:	B2		
Boring Location:	Northwest portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B2-5	1.6	CL	Brown Silty CLAY, damp, cohesive, no odor or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B2-10	4.0	ML	Dk.brown SILT, soft, dry, no odors or staining.	
11					
12					
13					
14					
15	B2-15	6.0	ML	Grey/brown SILT w/ pebbles, possible staining, odor.	
16					Drilling refusal encountered at 15 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B3		
Boring Location:	Northwest portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B3-5	0.5	ML	Dk.brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B3-10	1.1	ML	Brown Clayey SILT, dry, no odor or staining.	
11					
12					
13					
14					
15	B3-15	0.3	SP	L.brown SAND w/ silt, fine-grained, dry, no odors or staining.	
16					
17					
18					
19					Drilling refusal encountered at 18 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
20					
21					
22					
23					
24					
25					

Boring Identification:	B4		
Boring Location:	Northwest portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B4-5	7.1	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B4-10	6.5	ML	Grey SILT w/ pebbles, lean, dry, no odors or staining.	
11					
12					
13					
14					
15	B4-15	2.3	ML	Grey SILT w/ pebbles, lean, dry, no odors or staining.	
16					Drilling refusal encountered at 15 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B5		
Boring Location:	Northwest portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B5-5	1.6	ML	Dk.grey Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B5-10	2.7	ML	Grey SILT dry, no odors or staining.	
11					
12					
13					
14					
15				no recovery	
16					
17					
18					Drilling refusal encountered at 17 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B6		
Boring Location:	West portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B6-5	21.5	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B6-10	3.3	ML	Grey SILT dry, no odors or staining.	
11					
12					
13					
14					
15	B6-15	>500	ML	Grey SILT dry, no odors or staining.	
16					
17					
18					Drilling refusal encountered at 17 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B7		
Boring Location:	West portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B7-5	0.7	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B7-10	0.6	ML	Grey SILT dry, no odors or staining.	
11					
12					
13					
14					
15	B7-15	1.1	CL	Gray Silty CLAY, moist, no odors or staining.	
16					
17					
18					
19					Drilling refusal encountered at 18 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
20					
21					
22					
23					
24					
25					

Boring Identification:	B8		
Boring Location:	West portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1				Refusal at the ground surface.	unimproved cover
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B9		
Boring Location:	Southwest portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B9-5	12.6	ML	Dk.brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B9-10	53.7	ML	Grey Clayey SILT, petroleum odor, moist.	
11					
12					
13					
14					
15	B9-15	480	ML/SM	L.grey Sandy SILT w/ fine grained sand, dry, no odors or staining.	
16					
17					
18					Drilling refusal encountered at 17.5 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B10		
Boring Location:	Southwest portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B10-5	3.5	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B10-10	1.9	ML	Grey Clayey SILT, petroleum odor, moist.	
11					
12					
13					
14					
15	B10-15	0.4	CL	Gray Silty CLAY, moist, no odors or staining.	
16					
17					Drilling refusal encountered at 16 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B11		
Boring Location:	Southwest portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B11-5	1.5	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B11-10	1.1	ML	Reddish-brown SILT w/ clay, moist, no odors or staining.	
11					
12					
13					
14					
15	B11-15	0.7	ML/CL	Brown Clayey SILT, moist, no odors or staining.	
16					Drilling refusal encountered at 15 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B12		
Boring Location:	South portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B12-5	4.0	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B12-10	0.7	ML	Grey SILT dry, no odors or staining.	
11					
12					
13					
14					
15	B12-15	1.5	ML	Grey SILT dry, no odors or staining.	
16					
17					
18					Drilling refusal encountered at 17 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B13		
Boring Location:	Southwest portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B13-5	0.5	ML	Brown SILT w/ clay, lean, dry, stiff, no odors or staining.	soil vapor probe installed
6					Drilling refusal encountered at 5 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B14		
Boring Location:	North portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B14-5	0.6	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B14-10	0.7	ML/SM	Brown Sandy SILT w/ fine-grained sand, moist, no odors or staining.	
11					
12					
13					
14					
15	B14-15	0.3	ML	L.grey Clayey SILT, moist, no odors or staining.	
16					
17					
18					Drilling refusal encountered at 17 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B15		
Boring Location:	North-central portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B15-5	0.7	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B15-10	0.3	ML/SM	Brown Sandy SILT w/ fine-grained sand, moist, no odors or staining.	
11					
12					
13					
14					
15	B15-15	0.4	ML	L.grey Clayey SILT, moist, no odors or staining.	
16					Drilling refusal encountered at 15 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B16		
Boring Location:	Northeast portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B16-5	0.2	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B16-10	0.4	ML	Brown Clayey SILT, dry, no odor or staining.	
11					
12					
13					Drilling refusal encountered at 12 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B17		
Boring Location:	East portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B17-5	0.5	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B17-10	0.2	ML	Brown Clayey SILT, moist, no odor or staining.	
11					
12					
13					
14					
15	B17-15	0.1	ML	Grey SILT moist, no odors or staining.	low recovery
16					Drilling refusal encountered at 15 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B18		
Boring Location:	East portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B18-5	29.5	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B18-10	19.5	ML	Brown Clayey SILT, dry, no odor or staining.	
11					
12					
13					
14					
15	B18-15	76.5	ML	Dk.grey Clayey SILT, moist, possible staining.	
16					
17					
18					Drilling refusal encountered at 17 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B19		
Boring Location:	Central portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B19-5	0.7	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					Drilling refusal encountered at 7 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B20		
Boring Location:	Southeast portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B20-5	2.0	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B20-10	50.5	ML	Grey Clayey SILT, moist, stained.	
11					
12					
13	B20-13	41.7	SM	Brown Sandy SILT w/ fine-grained sand, low recovery.	
14					Drilling refusal encountered at 13 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B21		
Boring Location:	Southeast portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					Drilling refusal encountered at 2 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B22		
Boring Location:	Southeast portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B22-5	2.0	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					Drilling refusal encountered at 7 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B23		
Boring Location:	Southeast portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B23-5	0.1	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B23-10	0.2	ML	Brown Clayey SILT, moist, no odors or staining, low recovery.	
11					Drilling refusal encountered at 10 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B24		
Boring Location:	Southeast portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B24-5	0.1	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					
9					
10	B24-10	0.2	ML	Brown Clayey SILT, moist, no odors or staining, low recovery.	
11					
12					
13					
14					
15	B24-15	0.1	SM	L.brown Silty SAND, fine-grained, moist, no odors or staining.	
16					Drilling refusal encountered at 15 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B25		
Boring Location:	Northeast portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B25-5	0.2	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					Drilling refusal encountered at 7 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B26		
Boring Location:	Northeast portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 5410 direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B26-5	0.2	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					Drilling refusal encountered at 5 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B27		
Boring Location:	Northeast portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 420M direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B27-5	0.4	ML	Brown Clayey SILT, moist, no odors or staining.	soil vapor probe installed
6					
7					Drilling refusal encountered at 6.5 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Boring Identification:	B28		
Boring Location:	Northeast portion of subject property	Date Started:	2/20/2023
Site Address:	APN 8005-015-051	Date Completed:	2/20/2023
	Santa Fe Springs, California 90670	Depth to Groundwater (feet bgs):	Not Encountered
Project Number:	22-392110.8	Field Technician:	J. Harrington
Drill Rig Type:	Geoprobe 420M direct-push drill-rig	PARTNER	
Sampling Equipment:	VOAs, Acetate Sleeves, Mobile Lab	2154 Torrance Boulevard	
Borehole Diameter:	2"	Torrance, California 90504	

Depth	Sample	PID	USCS	Description	Notes
1					unimproved cover
2					
3					
4					
5	B28-5	0.3	ML	Reddish-brown Clayey SILT, dry, no odors or staining.	soil vapor probe installed
6					
7					
8					Drilling refusal encountered at 7 ft bgs. Groundwater not encountered. Backfilled with hydrated bentonite.
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

APPENDIX B: LABORATORY ANALYTICAL REPORTS

PARTNER

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

28 February 2023

Brian Godbois
Partner Engineering & Science, Inc.
24 Executive Park,
Irvine, CA

Re: SFS 5

Enclosed are the results of analyses for samples received by the laboratory on 02/20/23. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1-20	JEI230390-04	Soil	02/20/2023 09:05	02/20/2023 16:22
B2-15	JEI230390-07	Soil	02/20/2023 10:05	02/20/2023 16:22
B3-10	JEI230390-09	Soil	02/20/2023 23:35	02/20/2023 16:22
B4-5	JEI230390-11	Soil	02/20/2023 10:40	02/20/2023 16:22
B5-10	JEI230390-15	Soil	02/20/2023 00:25	02/20/2023 16:22
B6-15	JEI230390-18	Soil	02/20/2023 13:25	02/20/2023 16:22
B7-15	JEI230390-21	Soil	02/20/2023 15:50	02/20/2023 16:22
B12-5	JEI230390-22	Soil	02/20/2023 14:10	02/20/2023 16:22
B13-5	JEI230390-25	Soil	02/20/2023 14:45	02/20/2023 16:22

Jones Environmental, Inc.

Colby Wakeman
Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

DETECTIONS SUMMARY

Sample ID: B1-20 **Laboratory ID:** JEI230390-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	13.4	5.0	mg/kg	EPA 6010	
Barium, Ba	72.8	0.5	mg/kg	EPA 6010	
Cadmium, Cd	1.6	0.5	mg/kg	EPA 6010	
Cobalt, Co	6.9	0.5	mg/kg	EPA 6010	
Chromium, Cr	14.9	0.5	mg/kg	EPA 6010	
Copper, Cu	19.2	0.5	mg/kg	EPA 6010	
Nickel, Ni	14.0	0.5	mg/kg	EPA 6010	
Lead, Pb	3.9	0.5	mg/kg	EPA 6010	
Vanadium, V	25.7	0.5	mg/kg	EPA 6010	
Zinc, Zn	39.8	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.098	0.020	mg/kg	EPA 7471	

Sample ID: B2-15 **Laboratory ID:** JEI230390-07

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	14.2	5.0	mg/kg	EPA 6010	
Barium, Ba	77.4	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.1	0.5	mg/kg	EPA 6010	
Cobalt, Co	9.9	0.5	mg/kg	EPA 6010	
Chromium, Cr	20.4	0.5	mg/kg	EPA 6010	
Copper, Cu	25.2	0.5	mg/kg	EPA 6010	
Nickel, Ni	20.4	0.5	mg/kg	EPA 6010	
Lead, Pb	5.4	0.5	mg/kg	EPA 6010	
Vanadium, V	29.5	0.5	mg/kg	EPA 6010	
Zinc, Zn	42.7	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.202	0.020	mg/kg	EPA 7471	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

DETECTIONS SUMMARY

Sample ID: B3-10 **Laboratory ID:** JEI230390-09

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	6.1	5.0	mg/kg	EPA 6010	
Barium, Ba	156	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.7	0.5	mg/kg	EPA 6010	
Cobalt, Co	12.3	0.5	mg/kg	EPA 6010	
Chromium, Cr	25.6	0.5	mg/kg	EPA 6010	
Copper, Cu	28.7	0.5	mg/kg	EPA 6010	
Nickel, Ni	19.8	0.5	mg/kg	EPA 6010	
Lead, Pb	6.0	0.5	mg/kg	EPA 6010	
Vanadium, V	43.8	0.5	mg/kg	EPA 6010	
Zinc, Zn	59.1	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.060	0.020	mg/kg	EPA 7471	

Sample ID: B4-5 **Laboratory ID:** JEI230390-11

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	7.2	5.0	mg/kg	EPA 6010	
Barium, Ba	155	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.5	0.5	mg/kg	EPA 6010	
Cobalt, Co	11.5	0.5	mg/kg	EPA 6010	
Chromium, Cr	26.0	0.5	mg/kg	EPA 6010	
Copper, Cu	24.6	0.5	mg/kg	EPA 6010	
Nickel, Ni	17.4	0.5	mg/kg	EPA 6010	
Lead, Pb	5.3	0.5	mg/kg	EPA 6010	
Vanadium, V	45.1	0.5	mg/kg	EPA 6010	
Zinc, Zn	52.8	0.5	mg/kg	EPA 6010	
tert-Butylalcohol	163	50.0	µg/kg	EPA 8260	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

DETECTIONS SUMMARY

Sample ID: B5-10 **Laboratory ID:** JEI230390-15

Analyte	Result	Reporting Limit	Units	Method	Notes
Barium, Ba	126	0.5	mg/kg	EPA 6010	
Cadmium, Cd	1.7	0.5	mg/kg	EPA 6010	
Cobalt, Co	7.2	0.5	mg/kg	EPA 6010	
Chromium, Cr	14.6	0.5	mg/kg	EPA 6010	
Copper, Cu	19.2	0.5	mg/kg	EPA 6010	
Nickel, Ni	13.2	0.5	mg/kg	EPA 6010	
Lead, Pb	2.1	0.5	mg/kg	EPA 6010	
Vanadium, V	22.7	0.5	mg/kg	EPA 6010	
Zinc, Zn	37.2	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.087	0.020	mg/kg	EPA 7471	

Sample ID: B6-15 **Laboratory ID:** JEI230390-18

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	18.3	1.0	µg/kg	EPA 8260	
C13 - C15	21.1	1.0	mg/kg	EPA 8015	
C16 - C17	12.9	1.0	mg/kg	EPA 8015	
Barium, Ba	96.6	0.5	mg/kg	EPA 6010	
C18 - C19	12.0	1.0	mg/kg	EPA 8015	
C20 - C23	19.0	1.0	mg/kg	EPA 8015	
C24 - C27	17.8	1.0	mg/kg	EPA 8015	
Cadmium, Cd	1.8	0.5	mg/kg	EPA 6010	
Cobalt, Co	7.9	0.5	mg/kg	EPA 6010	
C28 - C31	18.2	1.0	mg/kg	EPA 8015	
C32 - C35	25.7	1.0	mg/kg	EPA 8015	
Chromium, Cr	19.5	0.5	mg/kg	EPA 6010	
Copper, Cu	20.2	0.5	mg/kg	EPA 6010	
C13 - C22	60.4	10.0	mg/kg	EPA 8015	

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
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562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

DETECTIONS SUMMARY

Sample ID: B6-15 **Laboratory ID:** JEI230390-18

Analyte	Result	Reporting Limit	Units	Method	Notes
C23 - C40	66.4	10.0	mg/kg	EPA 8015	
Nickel, Ni	13.2	0.5	mg/kg	EPA 6010	
Lead, Pb	3.9	0.5	mg/kg	EPA 6010	
Vanadium, V	29.4	0.5	mg/kg	EPA 6010	
Zinc, Zn	51.8	0.5	mg/kg	EPA 6010	
Ethylbenzene	34.2	1.0	µg/kg	EPA 8260	
Isopropylbenzene	8.8	1.0	µg/kg	EPA 8260	
n-Propylbenzene	7.8	1.0	µg/kg	EPA 8260	
Toluene	21.9	1.0	µg/kg	EPA 8260	
1,2,4-Trimethylbenzene	20.9	1.0	µg/kg	EPA 8260	
1,3,5-Trimethylbenzene	7.6	1.0	µg/kg	EPA 8260	
m+p-Xylene	158	2.0	µg/kg	EPA 8260	
o-Xylene	29.0	1.0	µg/kg	EPA 8260	
Gasoline Range Organics (C4-C12)	1.41	0.20	mg/kg	EPA 8260	
Mercury, Hg	0.083	0.020	mg/kg	EPA 7471	

Sample ID: B7-15 **Laboratory ID:** JEI230390-21

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	16.3	1.0	µg/kg	EPA 8260	
Arsenic, As	11.0	5.0	mg/kg	EPA 6010	
Barium, Ba	166	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.2	0.5	mg/kg	EPA 6010	
Cobalt, Co	9.96	0.5	mg/kg	EPA 6010	
Chromium, Cr	21.9	0.5	mg/kg	EPA 6010	
Copper, Cu	32.3	0.5	mg/kg	EPA 6010	
Nickel, Ni	18.3	0.5	mg/kg	EPA 6010	
Lead, Pb	3.9	0.5	mg/kg	EPA 6010	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

DETECTIONS SUMMARY

Sample ID: B7-15 **Laboratory ID:** JEI230390-21

Analyte	Result	Reporting Limit	Units	Method	Notes
Vanadium, V	34.0	0.5	mg/kg	EPA 6010	
Zinc, Zn	82.0	0.5	mg/kg	EPA 6010	
Toluene	6.8	1.0	µg/kg	EPA 8260	
Mercury, Hg	0.070	0.020	mg/kg	EPA 7471	

Sample ID: B12-5 **Laboratory ID:** JEI230390-22

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	7.2	5.0	mg/kg	EPA 6010	
Barium, Ba	138	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.2	0.5	mg/kg	EPA 6010	
Cobalt, Co	11.0	0.5	mg/kg	EPA 6010	
Chromium, Cr	20.0	0.5	mg/kg	EPA 6010	
Copper, Cu	27.1	0.5	mg/kg	EPA 6010	
Nickel, Ni	18.8	0.5	mg/kg	EPA 6010	
Lead, Pb	4.5	0.5	mg/kg	EPA 6010	
Vanadium, V	30.6	0.5	mg/kg	EPA 6010	
Zinc, Zn	56.0	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.049	0.020	mg/kg	EPA 7471	

Sample ID: B13-5 **Laboratory ID:** JEI230390-25

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	72.6	5.0	mg/kg	EPA 6010	
Barium, Ba	135	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.5	0.5	mg/kg	EPA 6010	
Cobalt, Co	9.99	0.5	mg/kg	EPA 6010	
Chromium, Cr	24.2	0.5	mg/kg	EPA 6010	
Copper, Cu	25.2	0.5	mg/kg	EPA 6010	

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24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

DETECTIONS SUMMARY

Sample ID: B13-5 **Laboratory ID:** JEI230390-25

Analyte	Result	Reporting Limit	Units	Method	Notes
Nickel, Ni	17.0	0.5	mg/kg	EPA 6010	
Lead, Pb	21.6	0.5	mg/kg	EPA 6010	
Vanadium, V	37.2	0.5	mg/kg	EPA 6010	
Zinc, Zn	184	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.237	0.020	mg/kg	EPA 7471	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B1-20
JEI230390-04(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302418		02/27/23	EPA 6010	
Arsenic, As	13.4	5.0	mg/kg	"	"		"	"	
Barium, Ba	72.8	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	1.6	0.5	mg/kg	"	"		"	"	
Cobalt, Co	6.9	0.5	mg/kg	"	"		"	"	
Chromium, Cr	14.9	0.5	mg/kg	"	"		"	"	
Copper, Cu	19.2	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	14.0	0.5	mg/kg	"	"		"	"	
Lead, Pb	3.9	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	25.7	0.5	mg/kg	"	"		"	"	
Zinc, Zn	39.8	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.098	0.020	mg/kg	1	QC2302381		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302357		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*104.90 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B1-20
JEI230390-04(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B1-20
JEI230390-04(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*92.81 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*106.35 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*93.93 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B2-15

JEI230390-07(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302418		02/27/23	EPA 6010	
Arsenic, As	14.2	5.0	mg/kg	"	"		"	"	
Barium, Ba	77.4	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.1	0.5	mg/kg	"	"		"	"	
Cobalt, Co	9.9	0.5	mg/kg	"	"		"	"	
Chromium, Cr	20.4	0.5	mg/kg	"	"		"	"	
Copper, Cu	25.2	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	20.4	0.5	mg/kg	"	"		"	"	
Lead, Pb	5.4	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	29.5	0.5	mg/kg	"	"		"	"	
Zinc, Zn	42.7	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.202	0.020	mg/kg	1	QC2302381		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302357		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*105.70 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B2-15

JEI230390-07(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B2-15

JEI230390-07(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*91.88 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*107.54 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*93.19 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B3-10
JEI230390-09(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302418		02/27/23	EPA 6010	
Arsenic, As	6.1	5.0	mg/kg	"	"		"	"	
Barium, Ba	156	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.7	0.5	mg/kg	"	"		"	"	
Cobalt, Co	12.3	0.5	mg/kg	"	"		"	"	
Chromium, Cr	25.6	0.5	mg/kg	"	"		"	"	
Copper, Cu	28.7	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	19.8	0.5	mg/kg	"	"		"	"	
Lead, Pb	6.0	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	43.8	0.5	mg/kg	"	"		"	"	
Zinc, Zn	59.1	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.060	0.020	mg/kg	1	QC2302381		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302357		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*93.64 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B3-10
JEI230390-09(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B3-10
JEI230390-09(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*88.88 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*106.30 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*91.13 %*	*60 - 140*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B4-5

JEI230390-11(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302418		02/27/23	EPA 6010	
Arsenic, As	7.2	5.0	mg/kg	"	"		"	"	
Barium, Ba	155	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.5	0.5	mg/kg	"	"		"	"	
Cobalt, Co	11.5	0.5	mg/kg	"	"		"	"	
Chromium, Cr	26.0	0.5	mg/kg	"	"		"	"	
Copper, Cu	24.6	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	17.4	0.5	mg/kg	"	"		"	"	
Lead, Pb	5.3	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	45.1	0.5	mg/kg	"	"		"	"	
Zinc, Zn	52.8	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	ND	0.020	mg/kg	1	QC2302381		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302357		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*97.73 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B4-5

JEI230390-11(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B4-5

JEI230390-11(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	163	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*92.08 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*106.05 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*94.38 %*	*60 - 140*

Jones Environmental, Inc.

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Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B5-10

JEI230390-15(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302418		02/27/23	EPA 6010	
Arsenic, As	ND	5.0	mg/kg	"	"		"	"	
Barium, Ba	126	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	1.7	0.5	mg/kg	"	"		"	"	
Cobalt, Co	7.2	0.5	mg/kg	"	"		"	"	
Chromium, Cr	14.6	0.5	mg/kg	"	"		"	"	
Copper, Cu	19.2	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	13.2	0.5	mg/kg	"	"		"	"	
Lead, Pb	2.1	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	22.7	0.5	mg/kg	"	"		"	"	
Zinc, Zn	37.2	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.087	0.020	mg/kg	1	QC2302381		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302357		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*89.24 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B5-10

JEI230390-15(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

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SANTA FE SPRINGS, CA 90670
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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B5-10

JEI230390-15(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*90.52 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*106.94 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*94.53 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B6-15

JEI230390-18(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302418		02/27/23	EPA 6010	
Arsenic, As	ND	5.0	mg/kg	"	"		"	"	
Barium, Ba	96.6	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	1.8	0.5	mg/kg	"	"		"	"	
Cobalt, Co	7.9	0.5	mg/kg	"	"		"	"	
Chromium, Cr	19.5	0.5	mg/kg	"	"		"	"	
Copper, Cu	20.2	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	13.2	0.5	mg/kg	"	"		"	"	
Lead, Pb	3.9	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	29.4	0.5	mg/kg	"	"		"	"	
Zinc, Zn	51.8	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.083	0.020	mg/kg	1	QC2302381		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	21.1	1.0	mg/kg	1	QC2302357		02/23/23	EPA 8015	
C16 - C17	12.9	1.0	mg/kg	"	"		"	"	
C18 - C19	12.0	1.0	mg/kg	"	"		"	"	
C20 - C23	19.0	1.0	mg/kg	"	"		"	"	
C24 - C27	17.8	1.0	mg/kg	"	"		"	"	
C28 - C31	18.2	1.0	mg/kg	"	"		"	"	
C32 - C35	25.7	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	60.4	10.0	mg/kg	"	"		"	"	
C23 - C40	66.4	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*90.15 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	18.3	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B6-15

JEI230390-18(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	34.2	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	8.8	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	7.8	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B6-15

JEI230390-18(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Toluene	21.9	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	20.9	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	7.6	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	158	2.0	µg/kg	"	"		"	"	
o-Xylene	29.0	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	1.41	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*110.99 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*100.55 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*91.76 %*	*60 - 140*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B7-15

JEI230390-21(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302418		02/27/23	EPA 6010	
Arsenic, As	11.0	5.0	mg/kg	"	"		"	"	
Barium, Ba	166	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.2	0.5	mg/kg	"	"		"	"	
Cobalt, Co	9.96	0.5	mg/kg	"	"		"	"	
Chromium, Cr	21.9	0.5	mg/kg	"	"		"	"	
Copper, Cu	32.3	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	18.3	0.5	mg/kg	"	"		"	"	
Lead, Pb	3.9	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	34.0	0.5	mg/kg	"	"		"	"	
Zinc, Zn	82.0	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.070	0.020	mg/kg	1	QC2302381		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302357		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*88.50 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	16.3	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B7-15

JEI230390-21(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B7-15

JEI230390-21(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Toluene	6.8	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*91.03 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*107.79 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*100.33 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B12-5
JEI230390-22(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302418		02/27/23	EPA 6010	
Arsenic, As	7.2	5.0	mg/kg	"	"		"	"	
Barium, Ba	138	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.2	0.5	mg/kg	"	"		"	"	
Cobalt, Co	11.0	0.5	mg/kg	"	"		"	"	
Chromium, Cr	20.0	0.5	mg/kg	"	"		"	"	
Copper, Cu	27.1	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	18.8	0.5	mg/kg	"	"		"	"	
Lead, Pb	4.5	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	30.6	0.5	mg/kg	"	"		"	"	
Zinc, Zn	56.0	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.049	0.020	mg/kg	1	QC2302381		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302357		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*95.13 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B12-5
JEI230390-22(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B12-5
JEI230390-22(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*86.54 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*104.53 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*95.76 %*	*60 - 140*

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Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B13-5
JEI230390-25(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302418		02/27/23	EPA 6010	
Arsenic, As	72.6	5.0	mg/kg	"	"		"	"	
Barium, Ba	135	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.5	0.5	mg/kg	"	"		"	"	
Cobalt, Co	9.99	0.5	mg/kg	"	"		"	"	
Chromium, Cr	24.2	0.5	mg/kg	"	"		"	"	
Copper, Cu	25.2	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	17.0	0.5	mg/kg	"	"		"	"	
Lead, Pb	21.6	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	37.2	0.5	mg/kg	"	"		"	"	
Zinc, Zn	184	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.237	0.020	mg/kg	1	QC2302381		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302357		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*86.77 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B13-5
JEI230390-25(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

B13-5
JEI230390-25(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302373		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*90.26 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*106.56 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*94.42 %*	*60 - 140*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302418 - EPA 6010										
CCV 1										
Barium, Ba	1.0	0.5	%	1		100	90 - 110		110	
Cobalt, Co	1.0	0.5	%	1		104	90 - 110		110	
Lead, Pb	1.0	0.5	%	1		101	90 - 110		110	
Selenium, Se	1.0	5.0	%	1		98	90 - 110		110	
Zinc, Zn	1.0	0.5	%	1		98	90 - 110		110	
LCS 1										
Barium, Ba	209	0.5	%	200		104	80 - 120			
Cobalt, Co	51.3	0.5	%	50		103	80 - 120			
Lead, Pb	52.4	0.5	%	50		105	80 - 120			
Selenium, Se	189	5.0	%	200		95	80 - 120			
Zinc, Zn	47.6	0.5	%	50		95	80 - 120			
LCSD 1										
Barium, Ba	208	0.5	%	200		104	80 - 120	0.34	120	
Cobalt, Co	51.4	0.5	%	50		103	80 - 120	0.14	120	
Lead, Pb	52.2	0.5	%	50		104	80 - 120	0.54	120	
Selenium, Se	188	5.0	%	200		94	80 - 120	0.58	120	
Zinc, Zn	47.4	0.5	%	50		95	80 - 120	0.40	120	
Method Blank 1										
Silver, Ag	ND	0.5	mg/kg							
Arsenic, As	ND	5.0	mg/kg							
Barium, Ba	ND	0.5	mg/kg							

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302418 - EPA 6010										
Method Blank 1										
Beryllium, Be	ND	0.5	mg/kg							
Cadmium, Cd	ND	0.5	mg/kg							
Cobalt, Co	ND	0.5	mg/kg							
Chromium, Cr	ND	0.5	mg/kg							
Copper, Cu	ND	0.5	mg/kg							
Molybdenum, Mo	ND	0.5	mg/kg							
Nickel, Ni	ND	0.5	mg/kg							
Lead, Pb	ND	0.5	mg/kg							
Antimony, Sb	ND	5.0	mg/kg							
Selenium, Se	ND	5.0	mg/kg							
Thallium, Tl	ND	5.0	mg/kg							
Vanadium, V	ND	0.5	mg/kg							
Zinc, Zn	ND	0.5	mg/kg							

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302381 - EPA 7471										
CCV 1										
Mercury, Hg	5.306	0.020	%	5		106	90 - 110		110	
LCS 1										
Mercury, Hg	1.04	0.020	%	1		104	80 - 120			
LCSD 1										
Mercury, Hg	1.02	0.020	%	1		102	80 - 120	2.04	120	
Method Blank 1										
Mercury, Hg	ND	0.020	mg/kg							

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Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302357 - EPA 8015										
CCV 1										
Diesel (C10 - C28)	1070	10.0	%	1000		107	80 - 120		120	
LCS 1										
Diesel (C10 - C28)	342	10.0	%	500		68	60 - 140			
Surrogate: Hexacosane		*117.96 %*	*50 - 140*							
LCSD 1										
Diesel (C10 - C28)	350	10.0	%	500		70	60 - 140	2.14	140	
Surrogate: Hexacosane		*119.22 %*	*50 - 140*							
Method Blank 1										
C13 - C15	ND	1.0	mg/kg							
C16 - C17	ND	1.0	mg/kg							
C18 - C19	ND	1.0	mg/kg							
C20 - C23	ND	1.0	mg/kg							
C24 - C27	ND	1.0	mg/kg							
C28 - C31	ND	1.0	mg/kg							
C32 - C35	ND	1.0	mg/kg							
C36 - C40	ND	1.0	mg/kg							
C13 - C22	ND	10.0	mg/kg							
C23 - C40	ND	10.0	mg/kg							
Surrogate: Hexacosane		*105.65 %*	*50 - 140*							

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Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302373 - EPA 8260										
CCV 1										
Benzene	295	1.0	%	250		118	80 - 120		120	
Chlorobenzene	283	1.0	%	250		113	80 - 120		120	
1,1-Dichloroethene	266	1.0	%	250		106	80 - 120		120	
cis-1,2-Dichloroethene	272	1.0	%	250		109	80 - 120		120	
Ethylbenzene	255	1.0	%	250		102	80 - 120		120	
Tetrachloroethene	270	1.0	%	250		108	80 - 120		120	
Toluene	277	1.0	%	250		111	80 - 120		120	
1,1,1-Trichloroethane	278	1.0	%	250		111	80 - 120		120	
Trichloroethene	272	1.0	%	250		109	80 - 120		120	
1,2,4-Trimethylbenzene	264	1.0	%	250		106	80 - 120		120	
Vinyl chloride	226	1.0	%	250		90	80 - 120		120	
LCS 1										
Benzene	57.0	1.0	%	50		114	70 - 130			
Chlorobenzene	56.4	1.0	%	50		113	70 - 130			
1,1-Dichloroethene	53.9	1.0	%	50		108	60 - 140			
cis-1,2-Dichloroethene	52.1	1.0	%	50		104	70 - 130			
Ethylbenzene	45.3	1.0	%	50		91	70 - 130			
Tetrachloroethene	53.9	1.0	%	50		108	70 - 130			
Toluene	53.4	1.0	%	50		107	70 - 130			
1,1,1-Trichloroethane	52.7	1.0	%	50		105	70 - 130			
Trichloroethene	53.7	1.0	%	50		107	70 - 130			
1,2,4-Trimethylbenzene	43.7	1.0	%	50		87	70 - 130			
Vinyl chloride	47.5	1.0	%	50		95	60 - 140			
Surrogate: Toluene-d8		*94.99 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*95.21 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*94.77 %*	*60 - 140*							
LCSD 1										
Benzene	54.8	1.0	%	50		110	70 - 130	3.87	130	
Chlorobenzene	51.3	1.0	%	50		103	70 - 130	9.36	130	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302373 - EPA 8260										
LCSD 1										
1,1-Dichloroethene	49.6	1.0	%	50		99	60 - 140	8.33	140	
cis-1,2-Dichloroethene	51.1	1.0	%	50		102	70 - 130	2.04	130	
Ethylbenzene	43.4	1.0	%	50		87	70 - 130	4.34	130	
Tetrachloroethene	50.4	1.0	%	50		101	70 - 130	6.72	130	
Toluene	48.8	1.0	%	50		98	70 - 130	9.02	130	
1,1,1-Trichloroethane	48.8	1.0	%	50		98	70 - 130	7.72	130	
Trichloroethene	51.3	1.0	%	50		103	70 - 130	4.62	130	
1,2,4-Trimethylbenzene	40.2	1.0	%	50		80	70 - 130	8.32	130	
Vinyl chloride	42.8	1.0	%	50		86	60 - 140	10.37	140	
Surrogate: Toluene-d8		*92.09 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*94.69 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*92.94 %*	*60 - 140*							
Method Blank 1										
Benzene	ND	1.0	µg/kg							
Bromobenzene	ND	1.0	µg/kg							
Bromodichloromethane	ND	1.0	µg/kg							
Bromoform	ND	1.0	µg/kg							
n-Butylbenzene	ND	1.0	µg/kg							
sec-Butylbenzene	ND	1.0	µg/kg							
tert-Butylbenzene	ND	1.0	µg/kg							
Carbon tetrachloride	ND	1.0	µg/kg							
Chlorobenzene	ND	1.0	µg/kg							
Chloroform	ND	1.0	µg/kg							
2-Chlorotoluene	ND	1.0	µg/kg							
4-Chlorotoluene	ND	1.0	µg/kg							
Dibromochloromethane	ND	1.0	µg/kg							
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg							
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg							
Dibromomethane	ND	1.0	µg/kg							
1,2- Dichlorobenzene	ND	1.0	µg/kg							
1,3-Dichlorobenzene	ND	1.0	µg/kg							
1,4-Dichlorobenzene	ND	1.0	µg/kg							
1,1-Dichloroethane	ND	1.0	µg/kg							
1,2-Dichloroethane	ND	1.0	µg/kg							
1,1-Dichloroethene	ND	1.0	µg/kg							

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302373 - EPA 8260										
Method Blank 1										
cis-1,2-Dichloroethene	ND	1.0	µg/kg							
trans-1,2-Dichloroethene	ND	1.0	µg/kg							
1,2-Dichloropropane	ND	1.0	µg/kg							
1,3-Dichloropropane	ND	1.0	µg/kg							
2,2-Dichloropropane	ND	1.0	µg/kg							
1,1-Dichloropropene	ND	1.0	µg/kg							
cis-1,3-Dichloropropene	ND	1.0	µg/kg							
trans-1,3-Dichloropropene	ND	1.0	µg/kg							
Ethylbenzene	ND	1.0	µg/kg							
Freon 11	ND	5.0	µg/kg							
Freon 12	ND	5.0	µg/kg							
Freon 113	ND	5.0	µg/kg							
Hexachlorobutadiene	ND	1.0	µg/kg							
Isopropylbenzene	ND	1.0	µg/kg							
4-Isopropyltoluene	ND	1.0	µg/kg							
Methylene chloride	ND	1.0	µg/kg							
Naphthalene	ND	5.0	µg/kg							
n-Propylbenzene	ND	1.0	µg/kg							
Styrene	ND	1.0	µg/kg							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg							
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg							
Tetrachloroethene	ND	1.0	µg/kg							
Toluene	ND	1.0	µg/kg							
1,2,3-Trichlorobenzene	ND	3.0	µg/kg							
1,2,4-Trichlorobenzene	ND	3.0	µg/kg							
1,1,1-Trichloroethane	ND	1.0	µg/kg							
1,1,2-Trichloroethane	ND	1.0	µg/kg							
Trichloroethene	ND	1.0	µg/kg							
1,2,3-Trichloropropane	ND	1.0	µg/kg							
1,2,4-Trimethylbenzene	ND	1.0	µg/kg							
1,3,5-Trimethylbenzene	ND	1.0	µg/kg							
Vinyl chloride	ND	1.0	µg/kg							
m+p-Xylene	ND	2.0	µg/kg							
o-Xylene	ND	1.0	µg/kg							
Methyl-tert-butylether	ND	5.0	µg/kg							
Ethyl-tert-butylether	ND	5.0	µg/kg							
Di-isopropylether	ND	5.0	µg/kg							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302373 - EPA 8260										
Method Blank 1										
tert-amylmethylether	ND	5.0	µg/kg							
tert-Butylalcohol	ND	50.0	µg/kg							
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg							
Ethanol (TIC)	ND	50.0	µg/kg							
n-Heptane	ND	50.0	µg/kg							
n-Pentane	ND	50.0	µg/kg							
n-Hexane	ND	50.0	µg/kg							
Surrogate: Toluene-d8		*96.21 %*		*60 - 140*						
Surrogate: Dibromofluoromethane		*97.51 %*		*60 - 140*						
Surrogate: 4-Bromofluorobenzene		*88.19 %*		*60 - 140*						

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	02/28/23 12:08

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry
RPD	Relative Percent Difference
E	Estimated Concentration; concentration exceeds calibration range.
LCC	Leak Check Compound
MDL	Compound Reported to Method Detection Limit
I	Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.

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Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Turn Around Requested:
- □ Immediate Attention - 200%
- □ Rush 24 Hours - 100%
- □ Rush 48 Hours - 50%
- □ Rush 72 Hours - 25%
- □ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY
Jones Project # JEL230390
Page 1 of 3

Client: Partner
Date: 2/20
Project Name: SFS 5
Client Project #: 22-392110.8
Project Address: APN 8005-015-051
Santa Fe Springs, CA
Email: ~~bgodbois~~ bgodbois@partneresi.com
Phone: on file
Report To: B. Godbois
Sampler: J. Harrington

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	Analysis Requested: VOCs / 8260	TPH-cc / 8015	CAM17 / 6010 Metals / 7471	Number of Containers	Notes & Special Instructions
B1-5	2/20	830	JEL230390-01	SOBI Meth	4S VOAs	S					
B1-10		835	JEL230390-02								
B1-15		850	JEL230390-03								
B1-20		905	JEL230390-04				✓	✓	✓		
B2-5		915	JEL230390-05								
B2-10		953	JEL230390-06								
B2-15		1005	JEL230390-07				✓	✓	✓		
B3-5		1130	JEL230390-08								
B3-10		1135	JEL230390-09				✓	✓	✓		
B3-15		1145	JEL230390-10								

Relinquished By (Signature): J. Harrington — Printed Name: J. Harrington — Company: Partner — Date: 2/20 — Time: 1620
Relinquished By (Signature) — Printed Name — Company — Date: — Time
Received By (Signature) — Printed Name — Company — Date — Time
Received By Laboratory (Signature) — Printed Name — Company: Jones — Date: 2-20-23 — Time: 1622
Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Turn Around Requested:
- □ Immediate Attention - 200%
- □ Rush 24 Hours - 100%
- □ Rush 48 Hours - 50%
- □ Rush 72 Hours - 25%
- □ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY
Jones Project # JEJ230390
Page 2 of 3

Client	Partner
Project Name	SFS 5
Project Address	APN 8005-015-051 Santa Fe Springs, CA
Email	bgodbois@partneresi.com
Phone	on file
Report To	B. Godbois
Sampler	J. Hamilton
Date	2/20
Client Project #	22-392110.8

Sample Container / Preservative Abbreviations

AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	VOCs / 8260	TPHcc / 8015	CAM17 / 6010	Metals / 7471	Number of Containers	Notes & Special Instructions
B4-5	2/20	1040	JEJ230390-11	SOBI HCl	AS VOAs	S	✓	✓	✓			
B4-10		1048	JEJ230390-12									
B4-15		1055	JEJ230390-13									
B5-5		1210	JEJ230390-14				✓	✓	✓			
B5-10		1225	JEJ230390-15									
~~B5-15 SAA~~		X										
B6-5		1315	JEJ230390-16									
B6-10		1320	JEJ230390-17									
B6-15		1325	JEJ230390-18				✓	✓	✓			
B7-5		1540	JEJ230390-19									

Relinquished By (Signature)	Printed Name: J. Hamilton	Received By (Signature)	Printed Name
Company: Partner	Date: 2/20 Time: 1620	Company	Date Time
Relinquished By (Signature)	Printed Name	Received By Laboratory (Signature)	Printed Name: Cathy
Company	Date: Time	Company: Jones	Date: 2-20-23 Time: 1622

Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Turn Around Requested:
- □ Immediate Attention - 200%
- □ Rush 24 Hours - 100%
- □ Rush 48 Hours - 50%
- □ Rush 72 Hours - 25%
- □ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY
Jones Project # JE12 30390
Page 3 of 3

Client: Parker
Date: 2/20
Project Name: SFS 5
Client Project #: 22-392110.8
Project Address: see pg. 1
Email:
Phone: see pg. 1
Report To: Sampler: J. Hampton

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	VOCs / 8260	TPHtc / 8015	CAM17 / 6010 Metals / 7471	Number of Containers	Notes & Special Instructions
B7-10	2/20	1545	JE1230390-20	Meth Sobi	AS NO AS	S			✓		
B7-15		1550	JE1230390-21				✓	✓	✓		
B12-5		1410	JE1230390-22				✓	✓	✓		
B12-10		1415	JE1230390-23								
B12-15		1425	JE1230390-24								
B13-5		1445	JE1230390-25				✓	✓	✓		

Relinquished By (Signature): [signature] Printed Name: J. Hampton
Company: Parker Date: 2/20 Time: 1620
Relinquished By (Signature): Printed Name:
Company: Date: Time:

Received By (Signature): Printed Name:
Company: Date: Time:
Received By Laboratory (Signature): [signature] Printed Name: Luby
Company: Jones Date: 2.20.23 Time: 1622

Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

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Non-Conformance ID: JE1230390 Reported By: CLW

CHAIN OF CUSTODY (COC):

- ☐ Not relinquished by client
- ☐ No date/time relinquished
- ☐ Incomplete information provided
  - ☐ No "Sample ID" entered on COC
  - ☐ No collection date
  - ☐ No analyses requested
- ☐ COC not received – notify PM
- ☐ No tedlar hold time indicated
- ☐ No matrix indicated
- ☐ No collection time
- ☐ No preservative indicated
- ☐ No turn around time requested
- ☐ # of containers incorrect/missing
- ☐ No container type indicated

SAMPLE CONTAINER/LABELS:

- ☒ Sample ID on container does not match COC entry
- ☐ Collection Date/Time does not match COC entry
- ☐ Improper container used
- ☐ Samples not received but listed on COC
- ☐ Samples received but not listed on COC
- ☐ Holding time expired
- ☐ Insufficient quantities for analyses requested
- ☐ Markings/Info illegible
- ☐ Broken/leaking container
- ☐ Headspace present in VOAs
- ☐ Others (see comments)

PRESERVATION:

- ☐ Not preserved/Improper preservative used

CUSTODY SEALS:

- ☐ None
- ☐ Not intact

Comments: Sample B3-10 missing. Two samples labeled B4-10. Sample time for B3-10 of 11:35 matches one of the two B4-10 marked B4-10.

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01 March 2023

Brian Godbois
Partner Engineering & Science, Inc.
24 Executive Park,
Irvine, CA

Re: SFS5

Enclosed are the results of analyses for samples received by the laboratory on 02/21/23. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
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714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B9-15	JEI230400-03	Soil	02/21/2023 07:42	02/21/2023 14:49
B10-10	JEI230400-05	Soil	02/21/2023 08:05	02/21/2023 14:49
B11-15	JEI230400-09	Soil	02/21/2023 08:52	02/21/2023 14:49
B14-10	JEI230400-11	Soil	02/21/2023 09:25	02/21/2023 14:49
B15-15	JEI230400-15	Soil	02/21/2023 10:18	02/21/2023 14:49
B16-5	JEI230400-16	Soil	02/21/2023 10:45	02/21/2023 14:49
B17-5	JEI230400-18	Soil	02/21/2023 11:12	02/21/2023 14:49
B18-15	JEI230400-23	Soil	02/21/2023 12:28	02/21/2023 14:49
B19-5	JEI230400-24	Soil	02/21/2023 13:25	02/21/2023 14:49
B20-10	JEI230400-26	Soil	02/21/2023 12:55	02/21/2023 14:49
B22-5	JEI230400-28	Soil	02/21/2023 13:50	02/21/2023 14:49

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Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

DETECTIONS SUMMARY

Sample ID: B9-15 **Laboratory ID:** JEI230400-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	1.4	1.0	µg/kg	EPA 8260	
C13 - C15	2340	2.0	mg/kg	EPA 8015	
C16 - C17	1100	2.0	mg/kg	EPA 8015	
Arsenic, As	6.7	5.0	mg/kg	EPA 6010	
Barium, Ba	154	0.5	mg/kg	EPA 6010	
C18 - C19	889	2.0	mg/kg	EPA 8015	
C20 - C23	1140	2.0	mg/kg	EPA 8015	
sec-Butylbenzene	280	1.0	µg/kg	EPA 8260	
C24 - C27	744	2.0	mg/kg	EPA 8015	
Cadmium, Cd	2.9	0.5	mg/kg	EPA 6010	
C28 - C31	620	2.0	mg/kg	EPA 8015	
Cobalt, Co	21.5	0.5	mg/kg	EPA 6010	
Chromium, Cr	29.0	0.5	mg/kg	EPA 6010	
C32 - C35	426	2.0	mg/kg	EPA 8015	
Copper, Cu	29.6	1.0	mg/kg	EPA 6010	
C36 - C40	377	2.0	mg/kg	EPA 8015	
C13 - C22	5230	20.0	mg/kg	EPA 8015	
Nickel, Ni	24.5	0.5	mg/kg	EPA 6010	
C23 - C40	2420	20.0	mg/kg	EPA 8015	
Lead, Pb	6.5	0.5	mg/kg	EPA 6010	
Vanadium, V	49.3	0.5	mg/kg	EPA 6010	
Zinc, Zn	59.8	0.5	mg/kg	EPA 6010	
Ethylbenzene	1.9	1.0	µg/kg	EPA 8260	
Isopropylbenzene	389	1.0	µg/kg	EPA 8260	
Naphthalene	40.6	5.0	µg/kg	EPA 8260	
n-Propylbenzene	614	1.0	µg/kg	EPA 8260	
Gasoline Range Organics (C4-C12)	26.5	0.20	mg/kg	EPA 8260	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

DETECTIONS SUMMARY

Sample ID: B9-15 **Laboratory ID:** JEI230400-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Mercury, Hg	0.044	0.020	mg/kg	EPA 7471	

Sample ID: B10-10 **Laboratory ID:** JEI230400-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	8.1	5.0	mg/kg	EPA 6010	
Barium, Ba	126	0.5	mg/kg	EPA 6010	
Cadmium, Cd	3.3	0.5	mg/kg	EPA 6010	
Cobalt, Co	13.4	0.5	mg/kg	EPA 6010	
Chromium, Cr	33.3	0.5	mg/kg	EPA 6010	
Copper, Cu	37.9	1.0	mg/kg	EPA 6010	
Nickel, Ni	25.0	0.5	mg/kg	EPA 6010	
Lead, Pb	7.4	0.5	mg/kg	EPA 6010	
Vanadium, V	50.6	0.5	mg/kg	EPA 6010	
Zinc, Zn	65.0	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.046	0.020	mg/kg	EPA 7471	

Sample ID: B11-15 **Laboratory ID:** JEI230400-09

Analyte	Result	Reporting Limit	Units	Method	Notes
Barium, Ba	96.8	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.1	0.5	mg/kg	EPA 6010	
Cobalt, Co	9.95	0.5	mg/kg	EPA 6010	
Chromium, Cr	19.4	0.5	mg/kg	EPA 6010	
Copper, Cu	23.7	1.0	mg/kg	EPA 6010	
Nickel, Ni	18.5	0.5	mg/kg	EPA 6010	
Lead, Pb	6.3	0.5	mg/kg	EPA 6010	
Vanadium, V	28.8	0.5	mg/kg	EPA 6010	
Zinc, Zn	48.9	0.5	mg/kg	EPA 6010	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

DETECTIONS SUMMARY

Sample ID: B11-15 **Laboratory ID:** JEI230400-09

Analyte	Result	Reporting Limit	Units	Method	Notes
Mercury, Hg	0.089	0.020	mg/kg	EPA 7471	

Sample ID: B14-10 **Laboratory ID:** JEI230400-11

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	7.3	5.0	mg/kg	EPA 6010	
Barium, Ba	113	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.5	0.5	mg/kg	EPA 6010	
Cobalt, Co	11.6	0.5	mg/kg	EPA 6010	
Chromium, Cr	23.2	0.5	mg/kg	EPA 6010	
Copper, Cu	24.9	1.0	mg/kg	EPA 6010	
Nickel, Ni	17.5	0.5	mg/kg	EPA 6010	
Lead, Pb	5.6	0.5	mg/kg	EPA 6010	
Vanadium, V	40.8	0.5	mg/kg	EPA 6010	
Zinc, Zn	48.5	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.058	0.020	mg/kg	EPA 7471	

Sample ID: B15-15 **Laboratory ID:** JEI230400-15

Analyte	Result	Reporting Limit	Units	Method	Notes
Barium, Ba	107	0.5	mg/kg	EPA 6010	
Cadmium, Cd	1.5	0.5	mg/kg	EPA 6010	
Cobalt, Co	6.5	0.5	mg/kg	EPA 6010	
Chromium, Cr	12.9	0.5	mg/kg	EPA 6010	
Copper, Cu	16.8	1.0	mg/kg	EPA 6010	
Nickel, Ni	10.5	0.5	mg/kg	EPA 6010	
Lead, Pb	2.2	0.5	mg/kg	EPA 6010	
Vanadium, V	23.1	0.5	mg/kg	EPA 6010	
Zinc, Zn	35.4	0.5	mg/kg	EPA 6010	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

DETECTIONS SUMMARY

Sample ID: B15-15 **Laboratory ID:** JEI230400-15

Analyte	Result	Reporting Limit	Units	Method	Notes
Mercury, Hg	0.050	0.020	mg/kg	EPA 7471	

Sample ID: B16-5 **Laboratory ID:** JEI230400-16

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	91.2	5.0	mg/kg	EPA 6010	
Barium, Ba	116	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.5	0.5	mg/kg	EPA 6010	
Cobalt, Co	10.2	0.5	mg/kg	EPA 6010	
Chromium, Cr	22.6	0.5	mg/kg	EPA 6010	
Copper, Cu	24.2	1.0	mg/kg	EPA 6010	
Molybdenum, Mo	0.6	0.5	mg/kg	EPA 6010	
Nickel, Ni	15.8	0.5	mg/kg	EPA 6010	
Lead, Pb	6.0	0.5	mg/kg	EPA 6010	
Vanadium, V	40.3	0.5	mg/kg	EPA 6010	
Zinc, Zn	57.4	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.082	0.020	mg/kg	EPA 7471	

Sample ID: B17-5 **Laboratory ID:** JEI230400-18

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	7.1	5.0	mg/kg	EPA 6010	
Barium, Ba	154	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.8	0.5	mg/kg	EPA 6010	
Cobalt, Co	11.4	0.5	mg/kg	EPA 6010	
Chromium, Cr	28.2	0.5	mg/kg	EPA 6010	
Copper, Cu	25.6	1.0	mg/kg	EPA 6010	
Nickel, Ni	18.9	0.5	mg/kg	EPA 6010	
Lead, Pb	5.9	0.5	mg/kg	EPA 6010	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

DETECTIONS SUMMARY

Sample ID: B17-5 **Laboratory ID:** JEI230400-18

Analyte	Result	Reporting Limit	Units	Method	Notes
Vanadium, V	46.0	0.5	mg/kg	EPA 6010	
Zinc, Zn	56.0	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.033	0.020	mg/kg	EPA 7471	

Sample ID: B18-15 **Laboratory ID:** JEI230400-23

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	114	1.0	µg/kg	EPA 8260	
Arsenic, As	5.7	5.0	mg/kg	EPA 6010	
Barium, Ba	88.8	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.0	0.5	mg/kg	EPA 6010	
Cobalt, Co	8.7	0.5	mg/kg	EPA 6010	
Chromium, Cr	17.4	0.5	mg/kg	EPA 6010	
Copper, Cu	18.9	1.0	mg/kg	EPA 6010	
Nickel, Ni	13.8	0.5	mg/kg	EPA 6010	
Lead, Pb	4.2	0.5	mg/kg	EPA 6010	
Vanadium, V	34.6	0.5	mg/kg	EPA 6010	
Zinc, Zn	40.1	0.5	mg/kg	EPA 6010	
Toluene	13.9	1.0	µg/kg	EPA 8260	
m+p-Xylene	11.8	2.0	µg/kg	EPA 8260	
o-Xylene	2.1	1.0	µg/kg	EPA 8260	
Gasoline Range Organics (C4-C12)	0.30	0.20	mg/kg	EPA 8260	
Mercury, Hg	0.154	0.020	mg/kg	EPA 7471	

Sample ID: B19-5 **Laboratory ID:** JEI230400-24

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	6.3	5.0	mg/kg	EPA 6010	
Barium, Ba	155	0.5	mg/kg	EPA 6010	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

DETECTIONS SUMMARY

Sample ID: B19-5 **Laboratory ID:** JEI230400-24

Analyte	Result	Reporting Limit	Units	Method	Notes
Cadmium, Cd	3.0	0.5	mg/kg	EPA 6010	
Cobalt, Co	11.5	0.5	mg/kg	EPA 6010	
Chromium, Cr	27.3	0.5	mg/kg	EPA 6010	
Copper, Cu	26.4	1.0	mg/kg	EPA 6010	
Nickel, Ni	19.3	0.5	mg/kg	EPA 6010	
Lead, Pb	6.4	0.5	mg/kg	EPA 6010	
Vanadium, V	48.5	0.5	mg/kg	EPA 6010	
Zinc, Zn	58.2	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.049	0.020	mg/kg	EPA 7471	

Sample ID: B20-10 **Laboratory ID:** JEI230400-26

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	5.1	1.0	µg/kg	EPA 8260	
C13 - C15	753	1.0	mg/kg	EPA 8015	
Arsenic, As	8.9	5.0	mg/kg	EPA 6010	
C16 - C17	489	1.0	mg/kg	EPA 8015	
Barium, Ba	112	0.5	mg/kg	EPA 6010	
C18 - C19	392	1.0	mg/kg	EPA 8015	
C20 - C23	539	1.0	mg/kg	EPA 8015	
C24 - C27	378	1.0	mg/kg	EPA 8015	
Cadmium, Cd	1.9	0.5	mg/kg	EPA 6010	
Cobalt, Co	7.0	0.5	mg/kg	EPA 6010	
C28 - C31	334	1.0	mg/kg	EPA 8015	
C32 - C35	244	1.0	mg/kg	EPA 8015	
Chromium, Cr	16.5	0.5	mg/kg	EPA 6010	
C36 - C40	219	1.0	mg/kg	EPA 8015	
Copper, Cu	21.4	1.0	mg/kg	EPA 6010	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

DETECTIONS SUMMARY

Sample ID: B20-10 **Laboratory ID:** JEI230400-26

Analyte	Result	Reporting Limit	Units	Method	Notes
C13 - C22	2060	10.0	mg/kg	EPA 8015	
Nickel, Ni	12.3	0.5	mg/kg	EPA 6010	
C23 - C40	1300	10.0	mg/kg	EPA 8015	
Lead, Pb	2.3	0.5	mg/kg	EPA 6010	
Vanadium, V	25.8	0.5	mg/kg	EPA 6010	
Zinc, Zn	37.8	0.5	mg/kg	EPA 6010	
Isopropylbenzene	3.5	1.0	µg/kg	EPA 8260	
o-Xylene	1.5	1.0	µg/kg	EPA 8260	
tert-Butylalcohol	521	50.0	µg/kg	EPA 8260	
Gasoline Range Organics (C4-C12)	16.1	0.20	mg/kg	EPA 8260	
Mercury, Hg	0.199	0.020	mg/kg	EPA 7471	

Sample ID: B22-5 **Laboratory ID:** JEI230400-28

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	15.5	5.0	mg/kg	EPA 6010	
Barium, Ba	138	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.6	0.5	mg/kg	EPA 6010	
Cobalt, Co	10.1	0.5	mg/kg	EPA 6010	
Chromium, Cr	23.8	0.5	mg/kg	EPA 6010	
Copper, Cu	27.9	1.0	mg/kg	EPA 6010	
Nickel, Ni	16.9	0.5	mg/kg	EPA 6010	
Lead, Pb	25.0	0.5	mg/kg	EPA 6010	
Vanadium, V	39.3	0.5	mg/kg	EPA 6010	
Zinc, Zn	78.2	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.109	0.020	mg/kg	EPA 7471	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

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714-449-9937 PHONE
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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B9-15

JEI230400-03(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302387		02/24/23	EPA 6010	
Arsenic, As	6.7	5.0	mg/kg	"	"		"	"	
Barium, Ba	154	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.9	0.5	mg/kg	"	"		"	"	
Cobalt, Co	21.5	0.5	mg/kg	"	"		"	"	
Chromium, Cr	29.0	0.5	mg/kg	"	"		"	"	
Copper, Cu	29.6	1.0	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	24.5	0.5	mg/kg	"	"		"	"	
Lead, Pb	6.5	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	49.3	0.5	mg/kg	"	"		"	"	
Zinc, Zn	59.8	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.044	0.020	mg/kg	1	QC2302385		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	2340	2.0	mg/kg	2	QC2302400		02/23/23	EPA 8015	
C16 - C17	1100	2.0	mg/kg	"	"		"	"	
C18 - C19	889	2.0	mg/kg	"	"		"	"	
C20 - C23	1140	2.0	mg/kg	"	"		"	"	
C24 - C27	744	2.0	mg/kg	"	"		"	"	
C28 - C31	620	2.0	mg/kg	"	"		"	"	
C32 - C35	426	2.0	mg/kg	"	"		"	"	
C36 - C40	377	2.0	mg/kg	"	"		"	"	
C13 - C22	5230	20.0	mg/kg	"	"		"	"	
C23 - C40	2420	20.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*33.20 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	1.4	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B9-15

JEI230400-03(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	280	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	1.9	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	389	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	40.6	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	614	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B9-15

JEI230400-03(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	26.5	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*101.32 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*107.54 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*231.67 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B10-10

JEI230400-05(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302387		02/24/23	EPA 6010	
Arsenic, As	8.1	5.0	mg/kg	"	"		"	"	
Barium, Ba	126	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	3.3	0.5	mg/kg	"	"		"	"	
Cobalt, Co	13.4	0.5	mg/kg	"	"		"	"	
Chromium, Cr	33.3	0.5	mg/kg	"	"		"	"	
Copper, Cu	37.9	1.0	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	25.0	0.5	mg/kg	"	"		"	"	
Lead, Pb	7.4	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	50.6	0.5	mg/kg	"	"		"	"	
Zinc, Zn	65.0	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.046	0.020	mg/kg	1	QC2302385		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302400		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*120.34 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302390		02/24/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B10-10

JEI230400-05(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302390		02/24/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B10-10

JEI230400-05(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302390		02/24/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*90.15 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*100.58 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*90.56 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B11-15

JEI230400-09(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302387		02/24/23	EPA 6010	
Arsenic, As	ND	5.0	mg/kg	"	"		"	"	
Barium, Ba	96.8	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.1	0.5	mg/kg	"	"		"	"	
Cobalt, Co	9.95	0.5	mg/kg	"	"		"	"	
Chromium, Cr	19.4	0.5	mg/kg	"	"		"	"	
Copper, Cu	23.7	1.0	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	18.5	0.5	mg/kg	"	"		"	"	
Lead, Pb	6.3	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	28.8	0.5	mg/kg	"	"		"	"	
Zinc, Zn	48.9	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.089	0.020	mg/kg	1	QC2302385		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302400		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*90.77 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B11-15

JEI230400-09(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B11-15

JEI230400-09(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*93.43 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*100.40 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*87.19 %*	*60 - 140*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B14-10

JEI230400-11(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302387		02/24/23	EPA 6010	
Arsenic, As	7.3	5.0	mg/kg	"	"		"	"	
Barium, Ba	113	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.5	0.5	mg/kg	"	"		"	"	
Cobalt, Co	11.6	0.5	mg/kg	"	"		"	"	
Chromium, Cr	23.2	0.5	mg/kg	"	"		"	"	
Copper, Cu	24.9	1.0	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	17.5	0.5	mg/kg	"	"		"	"	
Lead, Pb	5.6	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	40.8	0.5	mg/kg	"	"		"	"	
Zinc, Zn	48.5	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.058	0.020	mg/kg	1	QC2302385		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302400		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*96.67 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302445		02/28/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B14-10
JEI230400-11(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302445		02/28/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B14-10
JEI230400-11(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302445		02/28/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*70.91 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*114.04 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*88.90 %*	*60 - 140*

Jones Environmental, Inc.

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Lab Director

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B15-15
JEI230400-15(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302387		02/24/23	EPA 6010	
Arsenic, As	ND	5.0	mg/kg	"	"		"	"	
Barium, Ba	107	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	1.5	0.5	mg/kg	"	"		"	"	
Cobalt, Co	6.5	0.5	mg/kg	"	"		"	"	
Chromium, Cr	12.9	0.5	mg/kg	"	"		"	"	
Copper, Cu	16.8	1.0	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	10.5	0.5	mg/kg	"	"		"	"	
Lead, Pb	2.2	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	23.1	0.5	mg/kg	"	"		"	"	
Zinc, Zn	35.4	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.050	0.020	mg/kg	1	QC2302385		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302400		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*94.55 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B15-15
JEI230400-15(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B15-15
JEI230400-15(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*94.89 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*107.00 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*76.01 %*	*60 - 140*

Jones Environmental, Inc.

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Lab Director

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B16-5
JEI230400-16(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302387		02/24/23	EPA 6010	
Arsenic, As	91.2	5.0	mg/kg	"	"		"	"	
Barium, Ba	116	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.5	0.5	mg/kg	"	"		"	"	
Cobalt, Co	10.2	0.5	mg/kg	"	"		"	"	
Chromium, Cr	22.6	0.5	mg/kg	"	"		"	"	
Copper, Cu	24.2	1.0	mg/kg	"	"		"	"	
Molybdenum, Mo	0.6	0.5	mg/kg	"	"		"	"	
Nickel, Ni	15.8	0.5	mg/kg	"	"		"	"	
Lead, Pb	6.0	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	40.3	0.5	mg/kg	"	"		"	"	
Zinc, Zn	57.4	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.082	0.020	mg/kg	1	QC2302385		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302400		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*98.94 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B16-5
JEI230400-16(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B16-5
JEI230400-16(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*94.59 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*101.08 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*81.19 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B17-5
JEI230400-18(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302387		02/24/23	EPA 6010	
Arsenic, As	7.1	5.0	mg/kg	"	"		"	"	
Barium, Ba	154	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.8	0.5	mg/kg	"	"		"	"	
Cobalt, Co	11.4	0.5	mg/kg	"	"		"	"	
Chromium, Cr	28.2	0.5	mg/kg	"	"		"	"	
Copper, Cu	25.6	1.0	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	18.9	0.5	mg/kg	"	"		"	"	
Lead, Pb	5.9	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	46.0	0.5	mg/kg	"	"		"	"	
Zinc, Zn	56.0	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.033	0.020	mg/kg	1	QC2302385		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302400		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*96.71 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B17-5
JEI230400-18(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B17-5
JEI230400-18(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*92.95 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*103.12 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*81.84 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B18-15

JEI230400-23(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302387		02/24/23	EPA 6010	
Arsenic, As	5.7	5.0	mg/kg	"	"		"	"	
Barium, Ba	88.8	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.0	0.5	mg/kg	"	"		"	"	
Cobalt, Co	8.7	0.5	mg/kg	"	"		"	"	
Chromium, Cr	17.4	0.5	mg/kg	"	"		"	"	
Copper, Cu	18.9	1.0	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	13.8	0.5	mg/kg	"	"		"	"	
Lead, Pb	4.2	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	34.6	0.5	mg/kg	"	"		"	"	
Zinc, Zn	40.1	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.154	0.020	mg/kg	1	QC2302385		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302400		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*99.96 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	114	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B18-15
JEI230400-23(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B18-15
JEI230400-23(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302429		02/23/23	EPA 8260	
Toluene	13.9	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	11.8	2.0	µg/kg	"	"		"	"	
o-Xylene	2.1	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	0.30	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*94.20 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*97.29 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*85.64 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B19-5
JEI230400-24(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302387		02/24/23	EPA 6010	
Arsenic, As	6.3	5.0	mg/kg	"	"		"	"	
Barium, Ba	155	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	3.0	0.5	mg/kg	"	"		"	"	
Cobalt, Co	11.5	0.5	mg/kg	"	"		"	"	
Chromium, Cr	27.3	0.5	mg/kg	"	"		"	"	
Copper, Cu	26.4	1.0	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	19.3	0.5	mg/kg	"	"		"	"	
Lead, Pb	6.4	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	48.5	0.5	mg/kg	"	"		"	"	
Zinc, Zn	58.2	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.049	0.020	mg/kg	1	QC2302385		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302400		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*99.31 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302445		02/28/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B19-5
JEI230400-24(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302445		02/28/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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SANTA FE SPRINGS, CA 90670
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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B19-5
JEI230400-24(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302445		02/28/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*82.24 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*103.75 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*83.81 %*	*60 - 140*

Jones Environmental, Inc.

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Lab Director

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B20-10

JEI230400-26(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302387		02/24/23	EPA 6010	
Arsenic, As	8.9	5.0	mg/kg	"	"		"	"	
Barium, Ba	112	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	1.9	0.5	mg/kg	"	"		"	"	
Cobalt, Co	7.0	0.5	mg/kg	"	"		"	"	
Chromium, Cr	16.5	0.5	mg/kg	"	"		"	"	
Copper, Cu	21.4	1.0	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	12.3	0.5	mg/kg	"	"		"	"	
Lead, Pb	2.3	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	25.8	0.5	mg/kg	"	"		"	"	
Zinc, Zn	37.8	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.199	0.020	mg/kg	1	QC2302385		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	753	1.0	mg/kg	1	QC2302400		02/23/23	EPA 8015	
C16 - C17	489	1.0	mg/kg	"	"		"	"	
C18 - C19	392	1.0	mg/kg	"	"		"	"	
C20 - C23	539	1.0	mg/kg	"	"		"	"	
C24 - C27	378	1.0	mg/kg	"	"		"	"	
C28 - C31	334	1.0	mg/kg	"	"		"	"	
C32 - C35	244	1.0	mg/kg	"	"		"	"	
C36 - C40	219	1.0	mg/kg	"	"		"	"	
C13 - C22	2060	10.0	mg/kg	"	"		"	"	
C23 - C40	1300	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*63.00 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	5.1	1.0	µg/kg	1	QC2302429		02/24/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B20-10
JEI230400-26(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302429		02/24/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	3.5	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B20-10
JEI230400-26(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302429		02/24/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	1.5	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	521	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	16.1	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*97.83 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*97.16 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*83.24 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B22-5
JEI230400-28(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302387		02/24/23	EPA 6010	
Arsenic, As	15.5	5.0	mg/kg	"	"		"	"	
Barium, Ba	138	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.6	0.5	mg/kg	"	"		"	"	
Cobalt, Co	10.1	0.5	mg/kg	"	"		"	"	
Chromium, Cr	23.8	0.5	mg/kg	"	"		"	"	
Copper, Cu	27.9	1.0	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	16.9	0.5	mg/kg	"	"		"	"	
Lead, Pb	25.0	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	39.3	0.5	mg/kg	"	"		"	"	
Zinc, Zn	78.2	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.109	0.020	mg/kg	1	QC2302385		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302400		02/23/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*84.51 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302429		02/24/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B22-5

JEI230400-28(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302429		02/24/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

B22-5
JEI230400-28(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302429		02/24/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*94.75 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*103.87 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*82.02 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302387 - EPA 6010										
CCV 1										
Barium, Ba	1.0	0.5	%	1		104	90 - 110		110	
Cobalt, Co	1.1	0.5	%	1		105	90 - 110		110	
Lead, Pb	1.1	0.5	%	1		106	90 - 110		110	
Selenium, Se	1.0	5.0	%	1		104	90 - 110		110	
Zinc, Zn	1.0	0.5	%	1		105	90 - 110		110	
LCS 1										
Barium, Ba	214	0.5	%	200		107	80 - 120			
Cobalt, Co	52.0	0.5	%	50		104	80 - 120			
Lead, Pb	52.0	0.5	%	50		104	80 - 120			
Selenium, Se	184	5.0	%	200		92	80 - 120			
Zinc, Zn	47.4	0.5	%	50		95	80 - 120			
LCSD 1										
Barium, Ba	210	0.5	%	200		105	80 - 120	2.03	120	
Cobalt, Co	49.8	0.5	%	50		100	80 - 120	4.36	120	
Lead, Pb	52.4	0.5	%	50		105	80 - 120	0.77	120	
Selenium, Se	182	5.0	%	200		91	80 - 120	1.15	120	
Zinc, Zn	46.4	0.5	%	50		93	80 - 120	2.07	120	
Method Blank 1										
Silver, Ag	ND	0.5	mg/kg							
Arsenic, As	ND	5.0	mg/kg							
Barium, Ba	ND	0.5	mg/kg							

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24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302387 - EPA 6010										
Method Blank 1										
Beryllium, Be	ND	0.5	mg/kg							
Cadmium, Cd	ND	0.5	mg/kg							
Cobalt, Co	ND	0.5	mg/kg							
Chromium, Cr	ND	0.5	mg/kg							
Copper, Cu	ND	0.5	mg/kg							
Molybdenum, Mo	ND	0.5	mg/kg							
Nickel, Ni	ND	0.5	mg/kg							
Lead, Pb	ND	0.5	mg/kg							
Antimony, Sb	ND	5.0	mg/kg							
Selenium, Se	ND	5.0	mg/kg							
Thallium, Tl	ND	5.0	mg/kg							
Vanadium, V	ND	0.5	mg/kg							
Zinc, Zn	ND	0.5	mg/kg							

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302385 - EPA 7471										
CCV 1										
Mercury, Hg	5.334	0.020	%	5		107	90 - 110		110	
LCS 1										
Mercury, Hg	1.05	0.020	%	1		105	80 - 120			
LCSD 1										
Mercury, Hg	1.07	0.020	%	1		107	80 - 120	2.16	120	
Method Blank 1										
Mercury, Hg	ND	0.020	mg/kg							

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302400 - EPA 8015										
CCV 1										
Diesel (C10 - C28)	1090	10.0	%	1000		109	80 - 120		120	
LCS 1										
Diesel (C10 - C28)	451	10.0	%	500		90	60 - 140			
Surrogate: Hexacosane		*95.09 %*	*50 - 140*							
LCSD 1										
Diesel (C10 - C28)	439	10.0	%	500		88	60 - 140	2.59	140	
Surrogate: Hexacosane		*104.88 %*	*50 - 140*							
Method Blank 1										
C13 - C15	ND	1.0	mg/kg							
C16 - C17	ND	1.0	mg/kg							
C18 - C19	ND	1.0	mg/kg							
C20 - C23	ND	1.0	mg/kg							
C24 - C27	ND	1.0	mg/kg							
C28 - C31	ND	1.0	mg/kg							
C32 - C35	ND	1.0	mg/kg							
C36 - C40	ND	1.0	mg/kg							
C13 - C22	ND	10.0	mg/kg							
C23 - C40	ND	10.0	mg/kg							
Surrogate: Hexacosane		*110.69 %*	*50 - 140*							

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302390 - EPA 8260										
CCV 1										
Benzene	281	1.0	%	250		112	80 - 120		120	
Chlorobenzene	271	1.0	%	250		108	80 - 120		120	
1,1-Dichloroethene	256	1.0	%	250		102	80 - 120		120	
cis-1,2-Dichloroethene	258	1.0	%	250		103	80 - 120		120	
Ethylbenzene	243	1.0	%	250		97	80 - 120		120	
Tetrachloroethene	253	1.0	%	250		101	80 - 120		120	
Toluene	260	1.0	%	250		104	80 - 120		120	
1,1,1-Trichloroethane	264	1.0	%	250		106	80 - 120		120	
Trichloroethene	262	1.0	%	250		105	80 - 120		120	
1,2,4-Trimethylbenzene	255	1.0	%	250		102	80 - 120		120	
Vinyl chloride	208	1.0	%	250		83	80 - 120		120	
LCS 1										
Benzene	55.3	1.0	%	50		111	70 - 130			
Chlorobenzene	53.8	1.0	%	50		108	70 - 130			
1,1-Dichloroethene	51.9	1.0	%	50		104	60 - 140			
cis-1,2-Dichloroethene	50.8	1.0	%	50		102	70 - 130			
Ethylbenzene	45.6	1.0	%	50		91	70 - 130			
Tetrachloroethene	53.0	1.0	%	50		106	70 - 130			
Toluene	51.0	1.0	%	50		102	70 - 130			
1,1,1-Trichloroethane	51.6	1.0	%	50		103	70 - 130			
Trichloroethene	53.5	1.0	%	50		107	70 - 130			
1,2,4-Trimethylbenzene	42.2	1.0	%	50		84	70 - 130			
Vinyl chloride	44.4	1.0	%	50		89	60 - 140			
Surrogate: Toluene-d8		*94.31 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*94.61 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*94.00 %*	*60 - 140*							
LCSD 1										
Benzene	54.2	1.0	%	50		108	70 - 130	1.96	130	
Chlorobenzene	52.5	1.0	%	50		105	70 - 130	2.35	130	

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302390 - EPA 8260										
LCSD 1										
1,1-Dichloroethene	48.9	1.0	%	50		98	60 - 140	5.87	140	
cis-1,2-Dichloroethene	48.5	1.0	%	50		97	70 - 130	4.54	130	
Ethylbenzene	43.8	1.0	%	50		88	70 - 130	3.99	130	
Tetrachloroethene	50.3	1.0	%	50		101	70 - 130	5.14	130	
Toluene	49.7	1.0	%	50		99	70 - 130	2.50	130	
1,1,1-Trichloroethane	47.7	1.0	%	50		95	70 - 130	7.76	130	
Trichloroethene	51.7	1.0	%	50		103	70 - 130	3.55	130	
1,2,4-Trimethylbenzene	40.9	1.0	%	50		82	70 - 130	2.99	130	
Vinyl chloride	41.5	1.0	%	50		83	60 - 140	6.74	140	
Surrogate: Toluene-d8		*92.93 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*94.11 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*93.40 %*	*60 - 140*							
Method Blank 1										
Benzene	ND	1.0	µg/kg							
Bromobenzene	ND	1.0	µg/kg							
Bromodichloromethane	ND	1.0	µg/kg							
Bromoform	ND	1.0	µg/kg							
n-Butylbenzene	ND	1.0	µg/kg							
sec-Butylbenzene	ND	1.0	µg/kg							
tert-Butylbenzene	ND	1.0	µg/kg							
Carbon tetrachloride	ND	1.0	µg/kg							
Chlorobenzene	ND	1.0	µg/kg							
Chloroform	ND	1.0	µg/kg							
2-Chlorotoluene	ND	1.0	µg/kg							
4-Chlorotoluene	ND	1.0	µg/kg							
Dibromochloromethane	ND	1.0	µg/kg							
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg							
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg							
Dibromomethane	ND	1.0	µg/kg							
1,2- Dichlorobenzene	ND	1.0	µg/kg							
1,3-Dichlorobenzene	ND	1.0	µg/kg							
1,4-Dichlorobenzene	ND	1.0	µg/kg							
1,1-Dichloroethane	ND	1.0	µg/kg							
1,2-Dichloroethane	ND	1.0	µg/kg							
1,1-Dichloroethene	ND	1.0	µg/kg							

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302390 - EPA 8260										
Method Blank 1										
cis-1,2-Dichloroethene	ND	1.0	µg/kg							
trans-1,2-Dichloroethene	ND	1.0	µg/kg							
1,2-Dichloropropane	ND	1.0	µg/kg							
1,3-Dichloropropane	ND	1.0	µg/kg							
2,2-Dichloropropane	ND	1.0	µg/kg							
1,1-Dichloropropene	ND	1.0	µg/kg							
cis-1,3-Dichloropropene	ND	1.0	µg/kg							
trans-1,3-Dichloropropene	ND	1.0	µg/kg							
Ethylbenzene	ND	1.0	µg/kg							
Freon 11	ND	5.0	µg/kg							
Freon 12	ND	5.0	µg/kg							
Freon 113	ND	5.0	µg/kg							
Hexachlorobutadiene	ND	1.0	µg/kg							
Isopropylbenzene	ND	1.0	µg/kg							
4-Isopropyltoluene	ND	1.0	µg/kg							
Methylene chloride	ND	1.0	µg/kg							
Naphthalene	ND	5.0	µg/kg							
n-Propylbenzene	ND	1.0	µg/kg							
Styrene	ND	1.0	µg/kg							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg							
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg							
Tetrachloroethene	ND	1.0	µg/kg							
Toluene	ND	1.0	µg/kg							
1,2,3-Trichlorobenzene	ND	3.0	µg/kg							
1,2,4-Trichlorobenzene	ND	3.0	µg/kg							
1,1,1-Trichloroethane	ND	1.0	µg/kg							
1,1,2-Trichloroethane	ND	1.0	µg/kg							
Trichloroethene	ND	1.0	µg/kg							
1,2,3-Trichloropropane	ND	1.0	µg/kg							
1,2,4-Trimethylbenzene	ND	1.0	µg/kg							
1,3,5-Trimethylbenzene	ND	1.0	µg/kg							
Vinyl chloride	ND	1.0	µg/kg							
m+p-Xylene	ND	2.0	µg/kg							
o-Xylene	ND	1.0	µg/kg							
Methyl-tert-butylether	ND	5.0	µg/kg							
Ethyl-tert-butylether	ND	5.0	µg/kg							
Di-isopropylether	ND	5.0	µg/kg							

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302390 - EPA 8260										
Method Blank 1										
tert-amylmethylether	ND	5.0	µg/kg							
tert-Butylalcohol	ND	50.0	µg/kg							
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg							
Ethanol (TIC)	ND	50.0	µg/kg							
n-Heptane	ND	50.0	µg/kg							
n-Pentane	ND	50.0	µg/kg							
n-Hexane	ND	50.0	µg/kg							
Surrogate: Toluene-d8		*95.86 %*		*60 - 140*						
Surrogate: Dibromofluoromethane		*98.47 %*		*60 - 140*						
Surrogate: 4-Bromofluorobenzene		*90.87 %*		*60 - 140*						

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302429 - EPA 8260										
CCV 1										
Benzene	300	1.0	%	250		120	80 - 120		120	
Chlorobenzene	270	1.0	%	250		108	80 - 120		120	
1,1-Dichloroethene	296	1.0	%	250		118	80 - 120		120	
cis-1,2-Dichloroethene	276	1.0	%	250		110	80 - 120		120	
Ethylbenzene	297	1.0	%	250		119	80 - 120		120	
Tetrachloroethene	295	1.0	%	250		118	80 - 120		120	
Toluene	300	1.0	%	250		120	80 - 120		120	
1,1,1-Trichloroethane	287	1.0	%	250		115	80 - 120		120	
Trichloroethene	280	1.0	%	250		112	80 - 120		120	
1,2,4-Trimethylbenzene	300	1.0	%	250		120	80 - 120		120	
Vinyl chloride	260	1.0	%	250		104	80 - 120		120	
LCS 1										
Benzene	55.3	1.0	%	50		111	70 - 130			
Chlorobenzene	52.7	1.0	%	50		105	70 - 130			
1,1-Dichloroethene	54.0	1.0	%	50		108	60 - 140			
cis-1,2-Dichloroethene	51.1	1.0	%	50		102	70 - 130			
Ethylbenzene	50.7	1.0	%	50		101	70 - 130			
Tetrachloroethene	54.5	1.0	%	50		109	70 - 130			
Toluene	57.0	1.0	%	50		114	70 - 130			
1,1,1-Trichloroethane	50.6	1.0	%	50		101	70 - 130			
Trichloroethene	50.8	1.0	%	50		102	70 - 130			
1,2,4-Trimethylbenzene	50.6	1.0	%	50		101	70 - 130			
Vinyl chloride	54.8	1.0	%	50		110	60 - 140			
Surrogate: Toluene-d8		*95.60 %*		*60 - 140*						
Surrogate: Dibromofluoromethane		*93.01 %*		*60 - 140*						
Surrogate: 4-Bromofluorobenzene		*89.40 %*		*60 - 140*						
LCSD 1										
Benzene	55.4	1.0	%	50		111	70 - 130	0.10	130	
Chlorobenzene	51.9	1.0	%	50		104	70 - 130	1.62	130	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302429 - EPA 8260										
LCSD 1										
1,1-Dichloroethene	52.2	1.0	%	50		104	60 - 140	3.38	140	
cis-1,2-Dichloroethene	49.5	1.0	%	50		99	70 - 130	3.11	130	
Ethylbenzene	48.7	1.0	%	50		97	70 - 130	4.08	130	
Tetrachloroethene	53.5	1.0	%	50		107	70 - 130	1.83	130	
Toluene	55.9	1.0	%	50		112	70 - 130	1.93	130	
1,1,1-Trichloroethane	49.2	1.0	%	50		98	70 - 130	2.81	130	
Trichloroethene	49.6	1.0	%	50		99	70 - 130	2.43	130	
1,2,4-Trimethylbenzene	50.6	1.0	%	50		101	70 - 130	0.01	130	
Vinyl chloride	53.7	1.0	%	50		107	60 - 140	2.02	140	
Surrogate: Toluene-d8		*95.99 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*95.11 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*90.20 %*	*60 - 140*							
Method Blank 1										
Benzene	ND	1.0	µg/kg							
Bromobenzene	ND	1.0	µg/kg							
Bromodichloromethane	ND	1.0	µg/kg							
Bromoform	ND	1.0	µg/kg							
n-Butylbenzene	ND	1.0	µg/kg							
sec-Butylbenzene	ND	1.0	µg/kg							
tert-Butylbenzene	ND	1.0	µg/kg							
Carbon tetrachloride	ND	1.0	µg/kg							
Chlorobenzene	ND	1.0	µg/kg							
Chloroform	ND	1.0	µg/kg							
2-Chlorotoluene	ND	1.0	µg/kg							
4-Chlorotoluene	ND	1.0	µg/kg							
Dibromochloromethane	ND	1.0	µg/kg							
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg							
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg							
Dibromomethane	ND	1.0	µg/kg							
1,2- Dichlorobenzene	ND	1.0	µg/kg							
1,3-Dichlorobenzene	ND	1.0	µg/kg							
1,4-Dichlorobenzene	ND	1.0	µg/kg							
1,1-Dichloroethane	ND	1.0	µg/kg							
1,2-Dichloroethane	ND	1.0	µg/kg							
1,1-Dichloroethene	ND	1.0	µg/kg							

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302429 - EPA 8260										
Method Blank 1										
cis-1,2-Dichloroethene	ND	1.0	µg/kg							
trans-1,2-Dichloroethene	ND	1.0	µg/kg							
1,2-Dichloropropane	ND	1.0	µg/kg							
1,3-Dichloropropane	ND	1.0	µg/kg							
2,2-Dichloropropane	ND	1.0	µg/kg							
1,1-Dichloropropene	ND	1.0	µg/kg							
cis-1,3-Dichloropropene	ND	1.0	µg/kg							
trans-1,3-Dichloropropene	ND	1.0	µg/kg							
Ethylbenzene	ND	1.0	µg/kg							
Freon 11	ND	5.0	µg/kg							
Freon 12	ND	5.0	µg/kg							
Freon 113	ND	5.0	µg/kg							
Hexachlorobutadiene	ND	1.0	µg/kg							
Isopropylbenzene	ND	1.0	µg/kg							
4-Isopropyltoluene	ND	1.0	µg/kg							
Methylene chloride	ND	1.0	µg/kg							
Naphthalene	ND	5.0	µg/kg							
n-Propylbenzene	ND	1.0	µg/kg							
Styrene	ND	1.0	µg/kg							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg							
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg							
Tetrachloroethene	ND	1.0	µg/kg							
Toluene	ND	1.0	µg/kg							
1,2,3-Trichlorobenzene	ND	3.0	µg/kg							
1,2,4-Trichlorobenzene	ND	3.0	µg/kg							
1,1,1-Trichloroethane	ND	1.0	µg/kg							
1,1,2-Trichloroethane	ND	1.0	µg/kg							
Trichloroethene	ND	1.0	µg/kg							
1,2,3-Trichloropropane	ND	1.0	µg/kg							
1,2,4-Trimethylbenzene	ND	1.0	µg/kg							
1,3,5-Trimethylbenzene	ND	1.0	µg/kg							
Vinyl chloride	ND	1.0	µg/kg							
m+p-Xylene	ND	2.0	µg/kg							
o-Xylene	ND	1.0	µg/kg							
Methyl-tert-butylether	ND	5.0	µg/kg							
Ethyl-tert-butylether	ND	5.0	µg/kg							
Di-isopropylether	ND	5.0	µg/kg							

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302429 - EPA 8260										
Method Blank 1										
tert-amylmethylether	ND	5.0	µg/kg							
tert-Butylalcohol	ND	50.0	µg/kg							
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg							
n-Heptane	ND	50.0	µg/kg							
n-Pentane	ND	50.0	µg/kg							
n-Hexane	ND	50.0	µg/kg							
Surrogate: Toluene-d8		*100.53 %*					*60 - 140*			
Surrogate: Dibromofluoromethane		*91.71 %*					*60 - 140*			
Surrogate: 4-Bromofluorobenzene		*79.68 %*					*60 - 140*			

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302445 - EPA 8260										
CCV 1										
Benzene	275	1.0	%	250		110	80 - 120		120	
Chlorobenzene	275	1.0	%	250		110	80 - 120		120	
1,1-Dichloroethene	235	1.0	%	250		94	80 - 120		120	
cis-1,2-Dichloroethene	234	1.0	%	250		94	80 - 120		120	
Ethylbenzene	251	1.0	%	250		100	80 - 120		120	
Tetrachloroethene	291	1.0	%	250		116	80 - 120		120	
Toluene	262	1.0	%	250		105	80 - 120		120	
1,1,1-Trichloroethane	267	1.0	%	250		107	80 - 120		120	
Trichloroethene	266	1.0	%	250		107	80 - 120		120	
1,2,4-Trimethylbenzene	261	1.0	%	250		105	80 - 120		120	
Vinyl chloride	160	1.0	%	250		64*	80 - 120		120	
LCS 1										
Benzene	52.1	1.0	%	50		104	70 - 130			
Chlorobenzene	49.3	1.0	%	50		99	70 - 130			
1,1-Dichloroethene	50.3	1.0	%	50		101	60 - 140			
cis-1,2-Dichloroethene	42.7	1.0	%	50		85	70 - 130			
Ethylbenzene	43.0	1.0	%	50		86	70 - 130			
Tetrachloroethene	53.3	1.0	%	50		107	70 - 130			
Toluene	52.0	1.0	%	50		104	70 - 130			
1,1,1-Trichloroethane	45.7	1.0	%	50		91	70 - 130			
Trichloroethene	49.7	1.0	%	50		99	70 - 130			
1,2,4-Trimethylbenzene	41.6	1.0	%	50		83	70 - 130			
Vinyl chloride	44.3	1.0	%	50		89	60 - 140			
Surrogate: Toluene-d8		*95.96 %*		*60 - 140*						
Surrogate: Dibromofluoromethane		*90.38 %*		*60 - 140*						
Surrogate: 4-Bromofluorobenzene		*93.60 %*		*60 - 140*						
LCSD 1										
Benzene	52.6	1.0	%	50		105	70 - 130	1.11	130	
Chlorobenzene	52.7	1.0	%	50		105	70 - 130	6.62	130	

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302445 - EPA 8260										
LCSD 1										
1,1-Dichloroethene	53.4	1.0	%	50		107	60 - 140	6.02	140	
cis-1,2-Dichloroethene	51.4	1.0	%	50		103	70 - 130	18.33	130	
Ethylbenzene	44.6	1.0	%	50		89	70 - 130	3.80	130	
Tetrachloroethene	56.7	1.0	%	50		113	70 - 130	6.14	130	
Toluene	46.7	1.0	%	50		93	70 - 130	10.82	130	
1,1,1-Trichloroethane	50.1	1.0	%	50		100	70 - 130	9.16	130	
Trichloroethene	51.7	1.0	%	50		103	70 - 130	3.92	130	
1,2,4-Trimethylbenzene	48.0	1.0	%	50		96	70 - 130	14.35	130	
Vinyl chloride	46.2	1.0	%	50		92	60 - 140	4.36	140	
Surrogate: Toluene-d8		*90.32 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*96.80 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*114.18 %*	*60 - 140*							
Method Blank 1										
Benzene	ND	1.0	µg/kg							
Bromobenzene	ND	1.0	µg/kg							
Bromodichloromethane	ND	1.0	µg/kg							
Bromoform	ND	1.0	µg/kg							
n-Butylbenzene	ND	1.0	µg/kg							
sec-Butylbenzene	ND	1.0	µg/kg							
tert-Butylbenzene	ND	1.0	µg/kg							
Carbon tetrachloride	ND	1.0	µg/kg							
Chlorobenzene	ND	1.0	µg/kg							
Chloroform	ND	1.0	µg/kg							
2-Chlorotoluene	ND	1.0	µg/kg							
4-Chlorotoluene	ND	1.0	µg/kg							
Dibromochloromethane	ND	1.0	µg/kg							
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg							
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg							
Dibromomethane	ND	1.0	µg/kg							
1,2- Dichlorobenzene	ND	1.0	µg/kg							
1,3-Dichlorobenzene	ND	1.0	µg/kg							
1,4-Dichlorobenzene	ND	1.0	µg/kg							
1,1-Dichloroethane	ND	1.0	µg/kg							
1,2-Dichloroethane	ND	1.0	µg/kg							
1,1-Dichloroethene	ND	1.0	µg/kg							

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302445 - EPA 8260										
Method Blank 1										
cis-1,2-Dichloroethene	ND	1.0	µg/kg							
trans-1,2-Dichloroethene	ND	1.0	µg/kg							
1,2-Dichloropropane	ND	1.0	µg/kg							
1,3-Dichloropropane	ND	1.0	µg/kg							
2,2-Dichloropropane	ND	1.0	µg/kg							
1,1-Dichloropropene	ND	1.0	µg/kg							
cis-1,3-Dichloropropene	ND	1.0	µg/kg							
trans-1,3-Dichloropropene	ND	1.0	µg/kg							
Ethylbenzene	ND	1.0	µg/kg							
Freon 11	ND	5.0	µg/kg							
Freon 12	ND	5.0	µg/kg							
Freon 113	ND	5.0	µg/kg							
Hexachlorobutadiene	ND	1.0	µg/kg							
Isopropylbenzene	ND	1.0	µg/kg							
4-Isopropyltoluene	ND	1.0	µg/kg							
Methylene chloride	ND	1.0	µg/kg							
Naphthalene	ND	5.0	µg/kg							
n-Propylbenzene	ND	1.0	µg/kg							
Styrene	ND	1.0	µg/kg							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg							
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg							
Tetrachloroethene	ND	1.0	µg/kg							
Toluene	ND	1.0	µg/kg							
1,2,3-Trichlorobenzene	ND	3.0	µg/kg							
1,2,4-Trichlorobenzene	ND	3.0	µg/kg							
1,1,1-Trichloroethane	ND	1.0	µg/kg							
1,1,2-Trichloroethane	ND	1.0	µg/kg							
Trichloroethene	ND	1.0	µg/kg							
1,2,3-Trichloropropane	ND	1.0	µg/kg							
1,2,4-Trimethylbenzene	ND	1.0	µg/kg							
1,3,5-Trimethylbenzene	ND	1.0	µg/kg							
Vinyl chloride	ND	1.0	µg/kg							
m+p-Xylene	ND	2.0	µg/kg							
o-Xylene	ND	1.0	µg/kg							
Methyl-tert-butylether	ND	5.0	µg/kg							
Ethyl-tert-butylether	ND	5.0	µg/kg							
Di-isopropylether	ND	5.0	µg/kg							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302445 - EPA 8260										
Method Blank 1										
tert-amylmethylether	ND	5.0	µg/kg							
tert-Butylalcohol	ND	50.0	µg/kg							
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg							
Ethanol (TIC)	ND	50.0	µg/kg							
n-Heptane	ND	50.0	µg/kg							
n-Pentane	ND	50.0	µg/kg							
n-Hexane	ND	50.0	µg/kg							
Surrogate: Toluene-d8		*79.62 %*		*60 - 140*						
Surrogate: Dibromofluoromethane		*101.78 %*		*60 - 140*						
Surrogate: 4-Bromofluorobenzene		*87.01 %*		*60 - 140*						

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

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Partner Engineering & Science, Inc.	Project: SFS5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 9:29

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry
RPD	Relative Percent Difference
E	Estimated Concentration; concentration exceeds calibration range.
LCC	Leak Check Compound
MDL	Compound Reported to Method Detection Limit
*	Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Chain-of-Custody Record

Turn Around Requested:
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- X Normal - No Surcharge

LAB USE ONLY

Jones Project # JE1230400

Page 1 of 3

Client	Partner
Date	2/21
Project Name	SFS 5
Client Project #	22-342110.8
Project Address	APN 8003-015-051 Santa Fe Springs, CA
Email	bgodbois@partneresi.com
Phone	on file
Report To	B. Godbois
Sampler	J. Harrington

Sample Container / Preservative Abbreviations

AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Analysis Requested

Report Options
EDD ____
EDF* - 10% Surcharge ____
*Global ID ____________

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	VOCs / 8260	TPH-cc / 8015	CAM 17 / 6010	Metals / 7471					Number of Containers	Notes & Special Instructions
B9-5	2/21	0730	JE1230400-01	SoBi Meth	AS VOAS	S	~~X~~ JAA	~~X~~ JAA	~~X~~	JAA						
B9-10	↓	0735	JE1230400-02	↓	↓	↓										
B9-15	↓	0742	JE1230400-03	↓	↓	↓	✓	✓	✓							
B10-5	↓	0800	JE1230400-04	↓	↓	↓										
B10-10	↓	0805	JE1230400-05	↓	↓	↓	✓	✓	✓							
B10-15	↓	0815	JE1230400-06	↓	↓	↓										
B11-5	↓	0840	JE1230400-07	↓	↓	↓										
B11-10	↓	0845	JE1230400-08	↓	↓	↓										
B11-15	↓	0852	JE1230400-09	↓	↓	↓	✓	✓	✓							
B14-5	↓	0915	JE1230400-10	↓	↓	↓										

Relinquished By (Signature): [signature]	Printed Name: J. Harrington	Received By (Signature):	Printed Name:	Total Number of Containers
Company: Partner	Date: 2/21 Time: 1423	Company:	Date: Time:	
Relinquished By (Signature):	Printed Name:	Received By Laboratory (Signature): [signature]	Printed Name: Chris C	
Company:	Date: Time:	Company: JEL	Date: 2-21-23 Time: 1424	

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
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Santa Fe Springs, CA 90670
(714) 449-9937
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Turn Around Requested:
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY
Jones Project #

Page 2 of 3

Client: Partner
Date: 2/21
Project Name: SFS 5
Client Project #: 22-392110.8
Project Address: see pg. 1
Email:
Phone:
Report To: B Godbois
Sampler: J. Hannyton

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	VOCs / 8260	TPHd / 8015	CAM17 / 6010	Metals / 7471	Number of Containers	Notes & Special Instructions
B14-10	~~0925~~ 0925	2/21	JE1230400-11	SoBi Meth	AS VOAs	S	✓	✓	✓			
B14-15	0930		JE1230400-12									
B15-5	1005		JE1230400-13									
B15-10	1010		JE1230400-14									
B15-15	1018		JE1230400-15				✓	✓	✓			
B16-5	1045		JE1230400-16				✓	✓	✓			
B16-10	1050		JE1230400-17									
B17-5	1112		JE1230400-18				✓	✓	✓			
B17-10	1118		JE1230400-19									
B17-15	1125		JE1230400-20									

Relinquished By (Signature)	Printed Name: J. Hannyton	Received By (Signature)	Printed Name
Company: Partner	Date: 2/21 Time: 1423	Company	Date Time
Relinquished By (Signature)	Printed Name	Received By Laboratory (Signature)	Printed Name: Chris C
Company	Date: Time	Company: JEL	Date: 2-21-23 Time: 1424

Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

Chain-of-Custody Record

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Turn Around Requested:
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY
Jones Project #

Page 3 of 3

Client: Partner
Date: 2/21
Project Name: SFS 5
Client Project #: 22-392110.8
Project Address:
Email: (see pg 1)
Phone:
Report To: B. Godbois
Sampler: J. Hampton

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	Analysis Requested: VOCs / 8260	TPH-cc / 8015	CAM17 / 6010	Methods / 7471	Number of Containers	Notes & Special Instructions
B18-5	2/21	1215	JEL230400-21	SoBi Meth	AS VOAs	S						
B18-10		1220	JEL230400-22									
B18-15		1228	JEL230400-23				✓	✓		✓		
B19-5		1325	JEL230400-24				✓	✓		✓		
B20-5		1250	JEL230400-25									
B20-10		1255	JEL230400-26				✓	✓		✓		
B20-13		1305	JEL230400-27									
B22-5		1350	JEL230400-28			✓	✓	✓		✓		

Relinquished By (Signature): [signature] — Printed Name: J. Hampton — Company: Partner — Date: 2/21 — Time: 1423

Relinquished By (Signature): — Printed Name: — Company: — Date: — Time:

Received By (Signature): — Printed Name: — Company: — Date: — Time:

Received By Laboratory (Signature): [signature] — Printed Name: Chris C — Company: JEL — Date: 2-21-23 — Time: 1424

Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

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Non-Conformance ID: JE1230400 Reported By: CC

CHAIN OF CUSTODY (COC):

- ☐ Not relinquished by client
- ☐ No date/time relinquished
- ☐ Incomplete information provided
  - ☐ No "Sample ID" entered on COC
  - ☐ No collection date
  - ☐ No analyses requested
- ☐ COC not received – notify PM
- ☐ No tedlar hold time indicated
- ☐ No matrix indicated
- ☐ No collection time
- ☐ No preservative indicated
- ☐ No turn around time requested
- ☐ # of containers incorrect/missing
- ☐ No container type indicated

SAMPLE CONTAINER/LABELS:

- ☐ Sample ID on container does not match COC entry
- ☐ Collection Date/Time does not match COC entry
- ☐ Improper container used
- ☐ Samples not received but listed on COC
- ☐ Samples received but not listed on COC
- ☐ Holding time expired
- ☒ Insufficient quantities for analyses requested
- ☐ Markings/Info illegible
- ☐ Broken/leaking container
- ☐ Headspace present in VOAs
- ☐ Others (see comments)

PRESERVATION:

- ☐ Not preserved/Improper preservative used

CUSTODY SEALS:

- ☐ None
- ☐ Not intact

Comments: Sample B20-13 missing a sleeve container

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01 March 2023

Brian Godbois
Partner Engineering & Science, Inc.
24 Executive Park,
Irvine, CA

Re: SFS 5

Enclosed are the results of analyses for samples received by the laboratory on 02/22/23. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B23-10	JEI230416-02	Soil	02/22/2023 08:10	02/22/2023 12:47
B24-15	JEI230416-05	Soil	02/22/2023 07:45	02/22/2023 12:47
B25-5	JEI230416-06	Soil	02/22/2023 08:50	02/22/2023 12:47
B26-5	JEI230416-07	Soil	02/22/2023 09:35	02/22/2023 12:47
B27-5	JEI230416-08	Soil	02/22/2023 11:40	02/22/2023 12:47
B28-5	JEI230416-09	Soil	02/22/2023 12:00	02/22/2023 12:47

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

DETECTIONS SUMMARY

Sample ID: B23-10 **Laboratory ID:** JEI230416-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	5.9	5.0	mg/kg	EPA 6010	
Barium, Ba	134	0.5	mg/kg	EPA 6010	
Cadmium, Cd	1.4	0.5	mg/kg	EPA 6010	
Cobalt, Co	6.3	0.5	mg/kg	EPA 6010	
Chromium, Cr	14.5	0.5	mg/kg	EPA 6010	
Copper, Cu	18.3	0.5	mg/kg	EPA 6010	
Nickel, Ni	11.5	0.5	mg/kg	EPA 6010	
Lead, Pb	2.3	0.5	mg/kg	EPA 6010	
Vanadium, V	21.8	0.5	mg/kg	EPA 6010	
Zinc, Zn	32.8	0.5	mg/kg	EPA 6010	
tert-Butylalcohol	57.1	50.0	µg/kg	EPA 8260	
Mercury, Hg	0.044	0.020	mg/kg	EPA 7471	

Sample ID: B24-15 **Laboratory ID:** JEI230416-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	11.2	5.0	mg/kg	EPA 6010	
Barium, Ba	94.5	0.5	mg/kg	EPA 6010	
Cadmium, Cd	1.9	0.5	mg/kg	EPA 6010	
Cobalt, Co	8.7	0.5	mg/kg	EPA 6010	
Chromium, Cr	24.5	0.5	mg/kg	EPA 6010	
Copper, Cu	20.1	0.5	mg/kg	EPA 6010	
Nickel, Ni	17.4	0.5	mg/kg	EPA 6010	
Lead, Pb	4.2	0.5	mg/kg	EPA 6010	
Vanadium, V	30.2	0.5	mg/kg	EPA 6010	
Zinc, Zn	37.7	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.036	0.020	mg/kg	EPA 7471	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

DETECTIONS SUMMARY

Sample ID: B25-5 **Laboratory ID:** JEI230416-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	5.7	5.0	mg/kg	EPA 6010	
Barium, Ba	121	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.6	0.5	mg/kg	EPA 6010	
Cobalt, Co	10.6	0.5	mg/kg	EPA 6010	
Chromium, Cr	25.6	0.5	mg/kg	EPA 6010	
Copper, Cu	20.5	0.5	mg/kg	EPA 6010	
Nickel, Ni	26.5	0.5	mg/kg	EPA 6010	
Lead, Pb	5.6	0.5	mg/kg	EPA 6010	
Vanadium, V	40.3	0.5	mg/kg	EPA 6010	
Zinc, Zn	48.3	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.078	0.020	mg/kg	EPA 7471	

Sample ID: B26-5 **Laboratory ID:** JEI230416-07

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	5.5	5.0	mg/kg	EPA 6010	
Barium, Ba	116	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.2	0.5	mg/kg	EPA 6010	
Cobalt, Co	9.9	0.5	mg/kg	EPA 6010	
Chromium, Cr	22.0	0.5	mg/kg	EPA 6010	
Copper, Cu	18.2	0.5	mg/kg	EPA 6010	
Nickel, Ni	14.4	0.5	mg/kg	EPA 6010	
Lead, Pb	4.4	0.5	mg/kg	EPA 6010	
Vanadium, V	36.5	0.5	mg/kg	EPA 6010	
Zinc, Zn	42.2	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.020	0.020	mg/kg	EPA 7471	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

DETECTIONS SUMMARY

Sample ID: B27-5 **Laboratory ID:** JEI230416-08

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	5.5	5.0	mg/kg	EPA 6010	
Barium, Ba	98.0	0.5	mg/kg	EPA 6010	
Cadmium, Cd	1.9	0.5	mg/kg	EPA 6010	
Cobalt, Co	8.1	0.5	mg/kg	EPA 6010	
Chromium, Cr	18.1	0.5	mg/kg	EPA 6010	
Copper, Cu	17.3	0.5	mg/kg	EPA 6010	
Nickel, Ni	13.0	0.5	mg/kg	EPA 6010	
Lead, Pb	3.7	0.5	mg/kg	EPA 6010	
Vanadium, V	29.7	0.5	mg/kg	EPA 6010	
Zinc, Zn	38.3	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.022	0.020	mg/kg	EPA 7471	

Sample ID: B28-5 **Laboratory ID:** JEI230416-09

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic, As	6.6	5.0	mg/kg	EPA 6010	
Barium, Ba	150	0.5	mg/kg	EPA 6010	
Cadmium, Cd	2.9	0.5	mg/kg	EPA 6010	
Cobalt, Co	12.2	0.5	mg/kg	EPA 6010	
Chromium, Cr	28.6	0.5	mg/kg	EPA 6010	
Copper, Cu	25.4	0.5	mg/kg	EPA 6010	
Nickel, Ni	20.6	0.5	mg/kg	EPA 6010	
Lead, Pb	6.7	0.5	mg/kg	EPA 6010	
Vanadium, V	45.7	0.5	mg/kg	EPA 6010	
Zinc, Zn	53.0	0.5	mg/kg	EPA 6010	
Mercury, Hg	0.088	0.020	mg/kg	EPA 7471	

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Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B23-10

JEI230416-02(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302388		02/24/23	EPA 6010	
Arsenic, As	5.9	5.0	mg/kg	"	"		"	"	
Barium, Ba	134	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	1.4	0.5	mg/kg	"	"		"	"	
Cobalt, Co	6.3	0.5	mg/kg	"	"		"	"	
Chromium, Cr	14.5	0.5	mg/kg	"	"		"	"	
Copper, Cu	18.3	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	11.5	0.5	mg/kg	"	"		"	"	
Lead, Pb	2.3	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	21.8	0.5	mg/kg	"	"		"	"	
Zinc, Zn	32.8	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.044	0.020	mg/kg	1	QC2302389		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302448		02/24/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*105.51 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B23-10

JEI230416-02(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B23-10

JEI230416-02(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	57.1	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*93.32 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*108.98 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*79.94 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B24-15

JEI230416-05(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302388		02/24/23	EPA 6010	
Arsenic, As	11.2	5.0	mg/kg	"	"		"	"	
Barium, Ba	94.5	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	1.9	0.5	mg/kg	"	"		"	"	
Cobalt, Co	8.7	0.5	mg/kg	"	"		"	"	
Chromium, Cr	24.5	0.5	mg/kg	"	"		"	"	
Copper, Cu	20.1	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	17.4	0.5	mg/kg	"	"		"	"	
Lead, Pb	4.2	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	30.2	0.5	mg/kg	"	"		"	"	
Zinc, Zn	37.7	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.036	0.020	mg/kg	1	QC2302389		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302448		02/24/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*96.31 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B24-15

JEI230416-05(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B24-15

JEI230416-05(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*95.52 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*105.53 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*79.09 %*	*60 - 140*

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24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B25-5

JEI230416-06(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302388		02/24/23	EPA 6010	
Arsenic, As	5.7	5.0	mg/kg	"	"		"	"	
Barium, Ba	121	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.6	0.5	mg/kg	"	"		"	"	
Cobalt, Co	10.6	0.5	mg/kg	"	"		"	"	
Chromium, Cr	25.6	0.5	mg/kg	"	"		"	"	
Copper, Cu	20.5	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	26.5	0.5	mg/kg	"	"		"	"	
Lead, Pb	5.6	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	40.3	0.5	mg/kg	"	"		"	"	
Zinc, Zn	48.3	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.078	0.020	mg/kg	1	QC2302389		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302448		02/24/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*99.44 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B25-5

JEI230416-06(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B25-5

JEI230416-06(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*95.31 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*105.96 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*78.50 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B26-5

JEI230416-07(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302388		02/24/23	EPA 6010	
Arsenic, As	5.5	5.0	mg/kg	"	"		"	"	
Barium, Ba	116	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.2	0.5	mg/kg	"	"		"	"	
Cobalt, Co	9.9	0.5	mg/kg	"	"		"	"	
Chromium, Cr	22.0	0.5	mg/kg	"	"		"	"	
Copper, Cu	18.2	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	14.4	0.5	mg/kg	"	"		"	"	
Lead, Pb	4.4	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	36.5	0.5	mg/kg	"	"		"	"	
Zinc, Zn	42.2	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.020	0.020	mg/kg	1	QC2302389		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302448		02/24/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*102.81 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B26-5

JEI230416-07(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B26-5

JEI230416-07(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*93.80 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*104.77 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*79.21 %*	*60 - 140*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B27-5

JEI230416-08(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302388		02/24/23	EPA 6010	
Arsenic, As	5.5	5.0	mg/kg	"	"		"	"	
Barium, Ba	98.0	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	1.9	0.5	mg/kg	"	"		"	"	
Cobalt, Co	8.1	0.5	mg/kg	"	"		"	"	
Chromium, Cr	18.1	0.5	mg/kg	"	"		"	"	
Copper, Cu	17.3	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	13.0	0.5	mg/kg	"	"		"	"	
Lead, Pb	3.7	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	29.7	0.5	mg/kg	"	"		"	"	
Zinc, Zn	38.3	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.022	0.020	mg/kg	1	QC2302389		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302448		02/24/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*105.30 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

Jones Environmental, Inc.

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B27-5

JEI230416-08(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B27-5

JEI230416-08(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*95.20 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*106.36 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*79.73 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B28-5

JEI230416-09(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010									
Silver, Ag	ND	0.5	mg/kg	1	QC2302388		02/24/23	EPA 6010	
Arsenic, As	6.6	5.0	mg/kg	"	"		"	"	
Barium, Ba	150	0.5	mg/kg	"	"		"	"	
Beryllium, Be	ND	0.5	mg/kg	"	"		"	"	
Cadmium, Cd	2.9	0.5	mg/kg	"	"		"	"	
Cobalt, Co	12.2	0.5	mg/kg	"	"		"	"	
Chromium, Cr	28.6	0.5	mg/kg	"	"		"	"	
Copper, Cu	25.4	0.5	mg/kg	"	"		"	"	
Molybdenum, Mo	ND	0.5	mg/kg	"	"		"	"	
Nickel, Ni	20.6	0.5	mg/kg	"	"		"	"	
Lead, Pb	6.7	0.5	mg/kg	"	"		"	"	
Antimony, Sb	ND	5.0	mg/kg	"	"		"	"	
Selenium, Se	ND	5.0	mg/kg	"	"		"	"	
Thallium, Tl	ND	5.0	mg/kg	"	"		"	"	
Vanadium, V	45.7	0.5	mg/kg	"	"		"	"	
Zinc, Zn	53.0	0.5	mg/kg	"	"		"	"	
EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471									
Mercury, Hg	0.088	0.020	mg/kg	1	QC2302389		02/24/23	EPA 7471	
EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015									
C13 - C15	ND	1.0	mg/kg	1	QC2302448		02/24/23	EPA 8015	
C16 - C17	ND	1.0	mg/kg	"	"		"	"	
C18 - C19	ND	1.0	mg/kg	"	"		"	"	
C20 - C23	ND	1.0	mg/kg	"	"		"	"	
C24 - C27	ND	1.0	mg/kg	"	"		"	"	
C28 - C31	ND	1.0	mg/kg	"	"		"	"	
C32 - C35	ND	1.0	mg/kg	"	"		"	"	
C36 - C40	ND	1.0	mg/kg	"	"		"	"	
C13 - C22	ND	10.0	mg/kg	"	"		"	"	
C23 - C40	ND	10.0	mg/kg	"	"		"	"	
Surrogate: Hexacosane	*103.34 %*	*50 - 140*							
Volatile Organic Compounds by EPA 8260									
Benzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Bromobenzene	ND	1.0	µg/kg	"	"		"	"	
Bromodichloromethane	ND	1.0	µg/kg	"	"		"	"	
Bromoform	ND	1.0	µg/kg	"	"		"	"	
n-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	

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24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B28-5

JEI230416-09(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
sec-Butylbenzene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
tert-Butylbenzene	ND	1.0	µg/kg	"	"		"	"	
Carbon tetrachloride	ND	1.0	µg/kg	"	"		"	"	
Chlorobenzene	ND	1.0	µg/kg	"	"		"	"	
Chloroform	ND	1.0	µg/kg	"	"		"	"	
2-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
4-Chlorotoluene	ND	1.0	µg/kg	"	"		"	"	
Dibromochloromethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg	"	"		"	"	
Dibromomethane	ND	1.0	µg/kg	"	"		"	"	
1,2- Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,4-Dichlorobenzene	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
cis-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
trans-1,2-Dichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,3-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
2,2-Dichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,1-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
cis-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
trans-1,3-Dichloropropene	ND	1.0	µg/kg	"	"		"	"	
Ethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Freon 11	ND	5.0	µg/kg	"	"		"	"	
Freon 12	ND	5.0	µg/kg	"	"		"	"	
Freon 113	ND	5.0	µg/kg	"	"		"	"	
Hexachlorobutadiene	ND	1.0	µg/kg	"	"		"	"	
Isopropylbenzene	ND	1.0	µg/kg	"	"		"	"	
4-Isopropyltoluene	ND	1.0	µg/kg	"	"		"	"	
Methylene chloride	ND	1.0	µg/kg	"	"		"	"	
Naphthalene	ND	5.0	µg/kg	"	"		"	"	
n-Propylbenzene	ND	1.0	µg/kg	"	"		"	"	
Styrene	ND	1.0	µg/kg	"	"		"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg	"	"		"	"	

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Colby Wakeman
Lab Director

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

B28-5

JEI230416-09(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA 8260									
Tetrachloroethene	ND	1.0	µg/kg	1	QC2302439		02/24/23	EPA 8260	
Toluene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,2,4-Trichlorobenzene	ND	3.0	µg/kg	"	"		"	"	
1,1,1-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
1,1,2-Trichloroethane	ND	1.0	µg/kg	"	"		"	"	
Trichloroethene	ND	1.0	µg/kg	"	"		"	"	
1,2,3-Trichloropropane	ND	1.0	µg/kg	"	"		"	"	
1,2,4-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
1,3,5-Trimethylbenzene	ND	1.0	µg/kg	"	"		"	"	
Vinyl chloride	ND	1.0	µg/kg	"	"		"	"	
m+p-Xylene	ND	2.0	µg/kg	"	"		"	"	
o-Xylene	ND	1.0	µg/kg	"	"		"	"	
Methyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Ethyl-tert-butylether	ND	5.0	µg/kg	"	"		"	"	
Di-isopropylether	ND	5.0	µg/kg	"	"		"	"	
tert-amylmethylether	ND	5.0	µg/kg	"	"		"	"	
tert-Butylalcohol	ND	50.0	µg/kg	"	"		"	"	
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg	"	"		"	"	

Surrogate: Toluene-d8	*93.83 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*104.68 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*77.57 %*	*60 - 140*

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302388 - EPA 6010										
CCV 1										
Barium, Ba	1.0	0.5	%	1		104	90 - 110		110	
Cobalt, Co	1.1	0.5	%	1		105	90 - 110		110	
Lead, Pb	1.1	0.5	%	1		106	90 - 110		110	
Selenium, Se	1.0	5.0	%	1		103	90 - 110		110	
Zinc, Zn	1.0	0.5	%	1		103	90 - 110		110	
LCS 1										
Barium, Ba	204	0.5	%	200		102	80 - 120			
Cobalt, Co	50.4	0.5	%	50		101	80 - 120			
Lead, Pb	50.6	0.5	%	50		101	80 - 120			
Selenium, Se	178	5.0	%	200		89	80 - 120			
Zinc, Zn	44.4	0.5	%	50		89	80 - 120			
LCSD 1										
Barium, Ba	206	0.5	%	200		103	80 - 120	0.78	120	
Cobalt, Co	50.6	0.5	%	50		101	80 - 120	0.50	120	
Lead, Pb	50.2	0.5	%	50		100	80 - 120	0.97	120	
Selenium, Se	178	5.0	%	200		89	80 - 120	0.11	120	
Zinc, Zn	44.3	0.5	%	50		89	80 - 120	0.38	120	
Method Blank 1										
Silver, Ag	ND	0.5	mg/kg							
Arsenic, As	ND	5.0	mg/kg							
Barium, Ba	ND	0.5	mg/kg							

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24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

EPA 6010B - CAM 17 Metals by ICP-OES by EPA 6010 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302388 - EPA 6010										
Method Blank 1										
Beryllium, Be	ND	0.5	mg/kg							
Cadmium, Cd	ND	0.5	mg/kg							
Cobalt, Co	ND	0.5	mg/kg							
Chromium, Cr	ND	0.5	mg/kg							
Copper, Cu	ND	0.5	mg/kg							
Molybdenum, Mo	ND	0.5	mg/kg							
Nickel, Ni	ND	0.5	mg/kg							
Lead, Pb	ND	0.5	mg/kg							
Antimony, Sb	ND	5.0	mg/kg							
Selenium, Se	ND	5.0	mg/kg							
Thallium, Tl	ND	5.0	mg/kg							
Vanadium, V	ND	0.5	mg/kg							
Zinc, Zn	ND	0.5	mg/kg							

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

EPA 7471A - Mercury by Cold Vapor Atomic Absorption by EPA 7471 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302389 - EPA 7471										
CCV 1										
Mercury, Hg	5.264	0.020	%	5		105	90 - 110		110	
LCS 1										
Mercury, Hg	1.07	0.020	%	1		107	80 - 120			
LCSD 1										
Mercury, Hg	1.08	0.020	%	1		108	80 - 120	1.49	120	
Method Blank 1										
Mercury, Hg	ND	0.020	mg/kg							

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24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

EPA 8015M - Total Petroleum Hydrocarbons by EPA 8015 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302448 - EPA 8015										
CCV 1										
Diesel (C10 - C28)	1120	10.0	%	1000		112	80 - 120		120	
LCS 1										
Diesel (C10 - C28)	395	10.0	%	500		79	60 - 140			
Surrogate: Hexacosane		*115.45 %*	*50 - 140*							
LCSD 1										
Diesel (C10 - C28)	378	10.0	%	500		76	60 - 140	4.25	140	
Surrogate: Hexacosane		*104.53 %*	*50 - 140*							
Method Blank 1										
C13 - C15	ND	1.0	mg/kg							
C16 - C17	ND	1.0	mg/kg							
C18 - C19	ND	1.0	mg/kg							
C20 - C23	ND	1.0	mg/kg							
C24 - C27	ND	1.0	mg/kg							
C28 - C31	ND	1.0	mg/kg							
C32 - C35	ND	1.0	mg/kg							
C36 - C40	ND	1.0	mg/kg							
C13 - C22	ND	10.0	mg/kg							
C23 - C40	ND	10.0	mg/kg							
Surrogate: Hexacosane		*89.45 %*	*50 - 140*							

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24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302439 - EPA 8260										
CCV 1										
Benzene	300	1.0	%	250		120	80 - 120		120	
Chlorobenzene	269	1.0	%	250		107	80 - 120		120	
1,1-Dichloroethene	294	1.0	%	250		117	80 - 120		120	
cis-1,2-Dichloroethene	269	1.0	%	250		107	80 - 120		120	
Ethylbenzene	298	1.0	%	250		119	80 - 120		120	
Tetrachloroethene	298	1.0	%	250		119	80 - 120		120	
Toluene	300	1.0	%	250		120	80 - 120		120	
1,1,1-Trichloroethane	286	1.0	%	250		114	80 - 120		120	
Trichloroethene	276	1.0	%	250		110	80 - 120		120	
1,2,4-Trimethylbenzene	290	1.0	%	250		116	80 - 120		120	
Vinyl chloride	295	1.0	%	250		118	80 - 120		120	
LCS 1										
Benzene	55.4	1.0	%	50		111	70 - 130			
Chlorobenzene	53.7	1.0	%	50		107	70 - 130			
1,1-Dichloroethene	55.2	1.0	%	50		110	60 - 140			
cis-1,2-Dichloroethene	50.5	1.0	%	50		101	70 - 130			
Ethylbenzene	49.9	1.0	%	50		100	70 - 130			
Tetrachloroethene	55.7	1.0	%	50		111	70 - 130			
Toluene	57.9	1.0	%	50		116	70 - 130			
1,1,1-Trichloroethane	51.5	1.0	%	50		103	70 - 130			
Trichloroethene	51.1	1.0	%	50		102	70 - 130			
1,2,4-Trimethylbenzene	47.7	1.0	%	50		95	70 - 130			
Vinyl chloride	61.3	1.0	%	50		123	60 - 140			
Surrogate: Toluene-d8		*99.63 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*95.84 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*87.81 %*	*60 - 140*							
LCSD 1										
Benzene	55.3	1.0	%	50		111	70 - 130	0.19	130	
Chlorobenzene	52.6	1.0	%	50		105	70 - 130	1.94	130	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302439 - EPA 8260										
LCSD 1										
1,1-Dichloroethene	53.2	1.0	%	50		106	60 - 140	3.80	140	
cis-1,2-Dichloroethene	50.8	1.0	%	50		102	70 - 130	0.50	130	
Ethylbenzene	48.3	1.0	%	50		97	70 - 130	3.22	130	
Tetrachloroethene	53.9	1.0	%	50		108	70 - 130	3.39	130	
Toluene	57.2	1.0	%	50		114	70 - 130	1.20	130	
1,1,1-Trichloroethane	50.5	1.0	%	50		101	70 - 130	2.03	130	
Trichloroethene	48.9	1.0	%	50		98	70 - 130	4.55	130	
1,2,4-Trimethylbenzene	46.6	1.0	%	50		93	70 - 130	2.36	130	
Vinyl chloride	58.5	1.0	%	50		117	60 - 140	4.67	140	
Surrogate: Toluene-d8		*98.00 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*96.17 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*88.09 %*	*60 - 140*							
Method Blank 1										
Benzene	ND	1.0	µg/kg							
Bromobenzene	ND	1.0	µg/kg							
Bromodichloromethane	ND	1.0	µg/kg							
Bromoform	ND	1.0	µg/kg							
n-Butylbenzene	ND	1.0	µg/kg							
sec-Butylbenzene	ND	1.0	µg/kg							
tert-Butylbenzene	DN	1.0	µg/kg							
Carbon tetrachloride	ND	1.0	µg/kg							
Chlorobenzene	ND	1.0	µg/kg							
Chloroform	ND	1.0	µg/kg							
2-Chlorotoluene	ND	1.0	µg/kg							
4-Chlorotoluene	ND	1.0	µg/kg							
Dibromochloromethane	ND	1.0	µg/kg							
1,2-Dibromo-3-chloropropane	ND	1.0	µg/kg							
1,2-Dibromoethane (EDB)	ND	1.0	µg/kg							
Dibromomethane	ND	1.0	µg/kg							
1,2- Dichlorobenzene	ND	1.0	µg/kg							
1,3-Dichlorobenzene	ND	1.0	µg/kg							
1,4-Dichlorobenzene	ND	1.0	µg/kg							
1,1-Dichloroethane	ND	1.0	µg/kg							
1,2-Dichloroethane	ND	1.0	µg/kg							
1,1-Dichloroethene	ND	1.0	µg/kg							

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302439 - EPA 8260										
Method Blank 1										
cis-1,2-Dichloroethene	ND	1.0	µg/kg							
trans-1,2-Dichloroethene	ND	1.0	µg/kg							
1,2-Dichloropropane	ND	1.0	µg/kg							
1,3-Dichloropropane	ND	1.0	µg/kg							
2,2-Dichloropropane	ND	1.0	µg/kg							
1,1-Dichloropropene	ND	1.0	µg/kg							
cis-1,3-Dichloropropene	ND	1.0	µg/kg							
trans-1,3-Dichloropropene	ND	1.0	µg/kg							
Ethylbenzene	ND	1.0	µg/kg							
Freon 11	ND	5.0	µg/kg							
Freon 12	ND	5.0	µg/kg							
Freon 113	ND	5.0	µg/kg							
Hexachlorobutadiene	ND	1.0	µg/kg							
Isopropylbenzene	ND	1.0	µg/kg							
4-Isopropyltoluene	ND	1.0	µg/kg							
Methylene chloride	ND	1.0	µg/kg							
Naphthalene	ND	5.0	µg/kg							
n-Propylbenzene	ND	1.0	µg/kg							
Styrene	ND	1.0	µg/kg							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/kg							
1,1,2,2-Tetrachloroethane	ND	1.0	µg/kg							
Tetrachloroethene	ND	1.0	µg/kg							
Toluene	ND	1.0	µg/kg							
1,2,3-Trichlorobenzene	ND	3.0	µg/kg							
1,2,4-Trichlorobenzene	ND	3.0	µg/kg							
1,1,1-Trichloroethane	ND	1.0	µg/kg							
1,1,2-Trichloroethane	ND	1.0	µg/kg							
Trichloroethene	ND	1.0	µg/kg							
1,2,3-Trichloropropane	ND	1.0	µg/kg							
1,2,4-Trimethylbenzene	ND	1.0	µg/kg							
1,3,5-Trimethylbenzene	ND	1.0	µg/kg							
Vinyl chloride	ND	1.0	µg/kg							
m+p-Xylene	ND	2.0	µg/kg							
o-Xylene	ND	1.0	µg/kg							
Methyl-tert-butylether	ND	5.0	µg/kg							
Ethyl-tert-butylether	ND	5.0	µg/kg							
Di-isopropylether	ND	5.0	µg/kg							

Jones Environmental, Inc.

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Lab Director

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562-646-1611 FAX

Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2302439 - EPA 8260										
Method Blank 1										
tert-amylmethylether	ND	5.0	µg/kg							
tert-Butylalcohol	ND	50.0	µg/kg							
Gasoline Range Organics (C4-C12)	ND	0.20	mg/kg							
n-Heptane	ND	50.0	µg/kg							
n-Pentane	ND	50.0	µg/kg							
n-Hexane	ND	50.0	µg/kg							
Surrogate: Toluene-d8		*100.74 %*					*60 - 140*			
Surrogate: Dibromofluoromethane		*96.02 %*					*60 - 140*			
Surrogate: 4-Bromofluorobenzene		*76.56 %*					*60 - 140*			

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Partner Engineering & Science, Inc.	Project: SFS 5	
24 Executive Park,	Project Number: 22-392110.8	Reported
Irvine, CA	Project Manager: Brian Godbois	03/01/23 14:21

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry
RPD	Relative Percent Difference
E	Estimated Concentration; concentration exceeds calibration range.
LCC	Leak Check Compound
MDL	Compound Reported to Method Detection Limit
I	Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Turn Around Requested:
- □ Immediate Attention - 200%
- □ Rush 24 Hours - 100%
- □ Rush 48 Hours - 50%
- □ Rush 72 Hours - 25%
- □ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY
Jones Project # JE1230416
Page 1 of 1

Client: Partner	Date: 2/22
Project Name: SFS 5	Client Project #: 22-392110.8
Project Address: APN 8005-015-051	
Santa Fe Springs, CA	
Email: bgodbois@partneresi.com	
Phone: onfile	
Report To: B. Godbois	Sampler: J. Harrington

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	VOCs / 8260	TPHm / 8015	CAM17 / 6010 METALS / 7471	Number of Containers	Notes & Special Instructions
B23-5	2/22	0805	JE1230416-01	SoBi Meth	AS VOAS	S					
B23-10		0810	JE1230416-02				✓	✓	✓		
B24-5		0730	JE1230416-03								
B24-10		0735	JE1230416-04								
B24-15		0745	JE1230416-05				✓	✓	✓		
B25-5		0850	JE1230416-06				✓	✓	✓		
B26-5		0935	JE1230416-07				✓	✓	✓		
B27-5		1140	JE1230416-08				✓	✓	✓		
B28-5	↓	1200	JE1230416-09	↓	↓	↓	✓	✓	✓		

Relinquished By (Signature): [signature]	Printed Name: J. Harrington	Received By (Signature)	Printed Name
Company: Partner	Date: 2/22 Time: 1247	Company	Date Time
Relinquished By (Signature)	Printed Name	Received By Laboratory (Signature): [signature]	Printed Name: [illegible]
Company	Date: Time	Company: Jones	Date: 2.22.23 Time: 1247

Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

Non-Conformance ID: JE1230416 Reported By: Victoria P.

CHAIN OF CUSTODY (COC):

- ☐ Not relinquished by client
- ☐ No date/time relinquished
- ☐ Incomplete information provided
  - ☐ No "Sample ID" entered on COC
  - ☐ No collection date
  - ☐ No analyses requested
- ☐ COC not received – notify PM
- ☐ No tedlar hold time indicated
- ☐ No matrix indicated
- ☐ No collection time
- ☐ No preservative indicated
- ☐ No turn around time requested
- ☐ # of containers incorrect/missing
- ☐ No container type indicated

SAMPLE CONTAINER/LABELS:

- ☐ Sample ID on container does not match COC entry
- ☐ Collection Date/Time does not match COC entry
- ☒ Improper container used
- ☐ Samples not received but listed on COC
- ☐ Samples received but not listed on COC
- ☐ Holding time expired
- ☐ Insufficient quantities for analyses requested
- ☐ Markings/Info illegible
- ☐ Broken/leaking container
- ☐ Headspace present in VOAs
- ☐ Others (see comments)

PRESERVATION:

- ☐ Not preserved/Improper preservative used

CUSTODY SEALS:

- ☐ None
- ☐ Not intact

Comments: For samples B25-5 & B27-5 we recv'd plastic bags of soil instead of sleeves. We can still proceed with analysis.

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com

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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng, President 02/24/2023 15:46:05
Laboratory Job No. (Certificate of Analysis No.)	2302-00173
Project Name / No.	NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA 22-392110.8
Dates Sampled (from/to)	02/23/23 To 02/23/23
Dates Received (from/to)	02/23/23 To 02/23/23
Dates Reported (from/to)	02/24/23 To 2/24/2023
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

A & R Laboratories, Inc.

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 001 **B11-SG** Date & Time Sampled: 02/23/23 @ 8:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 001 **B11-SG** Date & Time Sampled: 02/23/23 @ 8:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 001 **B11-SG**									Date & Time Sampled:		02/23/23 @ 8:40		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	130		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	126		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	106		70-130	%REC							EPA 8260B	02/23/23	KZ
Sample: 002 **B10-SG**									Date & Time Sampled:		02/23/23 @ 9:04		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 002 **B10-SG** Date & Time Sampled: 02/23/23 @ 9:04
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 002 **B10-SG** Date & Time Sampled: 02/23/23 @ 9:04
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	124		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	115		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	99		70-130	%REC							EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
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TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 003 **B7-SG** Date & Time Sampled: 02/23/23 @ 9:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 003 **B7-SG** Date & Time Sampled: 02/23/23 @ 9:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 003 **B7-SG**									Date & Time Sampled:		02/23/23 @ 9:25		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	116		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	116		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	102		70-130	%REC							EPA 8260B	02/23/23	KZ
Sample: 004 **B9-SG**									Date & Time Sampled:		02/23/23 @ 9:50		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 004 **B9-SG** Date & Time Sampled: 02/23/23 @ 9:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 004 **B9-SG** Date & Time Sampled: 02/23/23 @ 9:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	103		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	113		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	98		70-130	%REC							EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 005 **B1-SG** Date & Time Sampled: 02/23/23 @ 10:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	**0.030**	0.006	0.025	µg/L	**30**	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 005 **B1-SG** Date & Time Sampled: 02/23/23 @ 10:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	***0.020***	0.0125	0.025	µg/L	***20***	12.5	25	µg/m3	J	0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	***0.020***	0.0125	0.025	µg/L	***20***	12.5	25	µg/m3	J	0.25	EPA 8260B	02/23/23	KZ
Toluene	**0.12**	0.0125	0.025	µg/L	**120**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 005 **B1-SG**									Date & Time Sampled:		02/23/23 @ 10:30		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	***0.030***	0.025	0.050	µg/L	***30***	25.0	50	µg/m3	J	0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	102		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	113		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	98		70-130	%REC							EPA 8260B	02/23/23	KZ
Sample: 006 **B2-SG**									Date & Time Sampled:		02/23/23 @ 10:50		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 006 **B2-SG** Date & Time Sampled: 02/23/23 @ 10:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 006 **B2-SG** Date & Time Sampled: 02/23/23 @ 10:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	122		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	121		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	107		70-130	%REC							EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 007 **B3-SG** Date & Time Sampled: 02/23/23 @ 11:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
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TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 007 **B3-SG** Date & Time Sampled: 02/23/23 @ 11:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 007 **B3-SG**													
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	127		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	119		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	105		70-130	%REC							EPA 8260B	02/23/23	KZ
Sample: 008 **B4-SG**													
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	**0.030**	0.006	0.025	µg/L	**30**	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ

Date & Time Sampled: 02/23/23 @ 11:10

Date & Time Sampled: 02/23/23 @ 11:35

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 008 **B4-SG** Date & Time Sampled: 02/23/23 @ 11:35
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	**0.12**	0.0125	0.025	µg/L	**120**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	**0.060**	0.0125	0.025	µg/L	**60**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 008 **B4-SG** Date & Time Sampled: 02/23/23 @ 11:35
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	**0.050**	0.0125	0.025	µg/L	**50**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	**0.93**	0.025	0.050	µg/L	**930**	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	**0.090**	0.0125	0.025	µg/L	**90**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	88		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	123		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	97		70-130	%REC							EPA 8260B	02/23/23	KZ

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Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 009 **B6-SG** Date & Time Sampled: 02/23/23 @ 11:55
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 009 **B6-SG** Date & Time Sampled: 02/23/23 @ 11:55
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 009 **B6-SG**									Date & Time Sampled:		02/23/23 @ 11:55		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	**0.10**	0.025	0.050	µg/L	**100**	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	91		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	109		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	94		70-130	%REC							EPA 8260B	02/23/23	KZ
Sample: 010 **B5-SG**									Date & Time Sampled:		02/23/23 @ 12:20		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 010 **B5-SG** Date & Time Sampled: 02/23/23 @ 12:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	**0.090**	0.0125	0.025	µg/L	**90**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	**0.060**	0.0125	0.025	µg/L	**60**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	**0.070**	0.0125	0.025	µg/L	**70**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	**0.19**	0.0125	0.025	µg/L	**190**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	**0.070**	0.0125	0.025	µg/L	**70**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	**0.33**	0.025	0.050	µg/L	**330**	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	**0.040**	0.0125	0.025	µg/L	**40**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	92		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	129		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	130		70-130	%REC							EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 011 **B14-SG** Date & Time Sampled: 02/23/23 @ 12:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 011 **B14-SG** Date & Time Sampled: 02/23/23 @ 12:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	***0.020***	0.0125	0.025	µg/L	***20***	12.5	25	µg/m3	J	0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	***0.020***	0.0125	0.025	µg/L	***20***	12.5	25	µg/m3	J	0.25	EPA 8260B	02/23/23	KZ
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	***0.020***	0.0125	0.025	µg/L	***20***	12.5	25	µg/m3	J	0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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Date Reported	02/24/23
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Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 011 **B14-SG**									Date & Time Sampled:		02/23/23 @ 12:40		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	***0.020***	0.0125	0.025	µg/L	***20***	12.5	25	µg/m3	J	0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	**0.060**	0.025	0.050	µg/L	**60**	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	97		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	101		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	89		70-130	%REC							EPA 8260B	02/23/23	KZ
Sample: 012 **B15-SG**									Date & Time Sampled:		02/23/23 @ 13:05		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 012 **B15-SG** Date & Time Sampled: 02/23/23 @ 13:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 012 **B15-SG** Date & Time Sampled: 02/23/23 @ 13:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	102		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	111		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	104		70-130	%REC							EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 013 **B12-SG** Date & Time Sampled: 02/23/23 @ 13:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	**0.11**	0.006	0.025	µg/L	**110**	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	***0.18***	0.125	0.25	µg/L	***180***	125.0	250	µg/m3	J	0.25	EPA 8260B	02/23/23	KZ
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 013 **B12-SG** Date & Time Sampled: 02/23/23 @ 13:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	**0.040**	0.0125	0.025	µg/L	**40**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 013 **B12-SG**									Date & Time Sampled:		02/23/23 @ 13:25		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	**0.060**	0.025	0.050	µg/L	**60**	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	**0.030**	0.0125	0.025	µg/L	**30**	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	100		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	112		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	115		70-130	%REC							EPA 8260B	02/23/23	KZ
Sample: 014 **B13-SG**									Date & Time Sampled:		02/23/23 @ 13:42		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 014 **B13-SG** Date & Time Sampled: 02/23/23 @ 13:42
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 014 **B13-SG** Date & Time Sampled: 02/23/23 @ 13:42
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	101		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	107		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	102		70-130	%REC							EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 015 **B13-SG DUP** Date & Time Sampled: 02/23/23 @ 13:42
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Benzene	<0.0060	0.006	0.025	µg/L	<6.0	6.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromodichloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromoform	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Bromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Butanone (MEK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
sec-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
tert-Butylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Disulfide	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Carbon Tetrachloride	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloroform	<0.0078	0.00775	0.025	µg/L	<7.8	7.8	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Chloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Chlorotoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromochloromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromoethane (EDB)	<0.0031	0.003125	0.025	µg/L	<3.1	3.1	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dibromomethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,4-Dichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Dichlorodifluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 015 **B13-SG DUP** Date & Time Sampled: 02/23/23 @ 13:42
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,2-Dichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2,2-Dichloropropane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
cis-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
trans-1,3-Dichloropropene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Ethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Hexachlorobutadiene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
2-Hexanone	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Isopropylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Isopropyltoluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methylene Chloride	<0.0125	0.0125	0.03	µg/L	<12.5	12.5	30	µg/m3		0.25	EPA 8260B	02/23/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Naphthalene	<0.0063	0.00625	0.013	µg/L	<6.3	6.3	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
n-Propylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Styrene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2,2-Tetrachloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Tetrachloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Toluene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trichlorobenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,1-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,1,2-Trichloroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichloroethene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,3-Trichloropropane	<0.0050	0.005	0.025	µg/L	<5.0	5.0	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00173

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	02/24/23
Date Received	02/23/23
Invoice No.	97399
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 015 **B13-SG DUP** Date & Time Sampled: 02/23/23 @ 13:42
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorofluoromethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Trichlorotrifluoroethane	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,2,4-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
1,3,5-Trimethylbenzene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
Vinyl Chloride	<0.0006	0.0006	0.013	µg/L	<0.6	0.6	13	µg/m3		0.25	EPA 8260B	02/23/23	KZ
m,p-Xylenes	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.25	EPA 8260B	02/23/23	KZ
o-Xylene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.1250	0.125	0.25	µg/L	<125.0	125.0	250	µg/m3		0.25	EPA 8260B	02/23/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	117		70-130	%REC							EPA 8260B	02/23/23	KZ
Toluene-D8	114		70-130	%REC							EPA 8260B	02/23/23	KZ
Bromofluorobenzene	116		70-130	%REC							EPA 8260B	02/23/23	KZ

Respectfully Submitted: Ken Zheng

Ken Zheng - President

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL
B1= BOD blank is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution
E = Estimated value
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit
MDL = Method Detection Limit
Qual = Qualifier
Tech = Technician

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QUALITY CONTROL DATA REPORT

PARTNER ENGINEERING & SCIENCE
TORRANCE, CA 90501

2302-00173

Date Reported	**02/24/2023**
Date Received	**02/23/2023**
Date Sampled	**02/23/2023**
Invoice No.	**97399**
Customer #	**P122**
Customer P.O.	**22-392110.8**

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Method # **EPA 8260B**
QC Reference # 108005 **Date Analyzed:** 2/23/2023 **Technician:** KZ
Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015

Results

	LCS %REC	LCS %DUP	LCS %RPD	BLKSRR% REC
1,1-Dichloroethene	86	70	20.5	
Benzene	81	71	13.2	
Bromofluorobenzene				74
Chlorobenzene	85	78	8.6	
Dibromofluoromethan				100
Toluene	77	78	1.3	
Toluene-D8				111
Trichloroethene	76	72	5.4	

Control Ranges

LCS %REC	LCS %RPD	BLKSRR%REC
70 - 130	0 - 25	
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	

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QUALITY CONTROL DATA REPORT

PARTNER ENGINEERING & SCIENCE

2302-00173

Date Reported 02/24/2023
Date Received 02/23/2023
Date Sampled 02/23/2023

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Method blank results

Ref	Test Name	Result	Qualif	Units	MDL
108005	Acetone	<0.1250		µg/L	0.1250
	Benzene	<0.0060		µg/L	0.0060
	Bromobenzene	<0.0125		µg/L	0.0125
	Bromochloromethane	<0.0125		µg/L	0.0125
	Bromodichloromethane	<0.0125		µg/L	0.0125
	Bromoform	<0.0125		µg/L	0.0125
	Bromomethane	<0.0125		µg/L	0.0125
	2-Butanone (MEK)	<0.1250		µg/L	0.1250
	n-Butylbenzene	<0.0125		µg/L	0.0125
	sec-Butylbenzene	<0.0125		µg/L	0.0125
	tert-Butylbenzene	<0.0125		µg/L	0.0125
	Carbon Disulfide	<0.1250		µg/L	0.1250
	Carbon Tetrachloride	<0.0063		µg/L	0.0063
	Chlorobenzene	<0.0125		µg/L	0.0125
	Chloroethane	<0.0125		µg/L	0.0125
	Chloroform	<0.0078		µg/L	0.0078
	Chloromethane	<0.0125		µg/L	0.0125
	2-Chlorotoluene	<0.0125		µg/L	0.0125
	4-Chlorotoluene	<0.0125		µg/L	0.0125
	Dibromochloromethane	<0.0125		µg/L	0.0125
	1,2-Dibromoethane (EDB)	<0.0031		µg/L	0.0031
	1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	0.0125
	Dibromomethane	<0.0125		µg/L	0.0125
	1,2-Dichlorobenzene	<0.0125		µg/L	0.0125
	1,3-Dichlorobenzene	<0.0125		µg/L	0.0125
	1,4-Dichlorobenzene	<0.0125		µg/L	0.0125
	Dichlorodifluoromethane	<0.0125		µg/L	0.0125
	1,1-Dichloroethane	<0.0125		µg/L	0.0125
	1,2-Dichloroethane	<0.0125		µg/L	0.0125
	1,1-Dichloroethene	<0.0125		µg/L	0.0125
	cis-1,2-Dichloroethene	<0.0125		µg/L	0.0125
	trans-1,2-Dichloroethene	<0.0125		µg/L	0.0125
	1,2-Dichloropropane	<0.0125		µg/L	0.0125
	1,3-Dichloropropane	<0.0125		µg/L	0.0125
	2,2-Dichloropropane	<0.0125		µg/L	0.0125
	1,1-Dichloropropene	<0.0125		µg/L	0.0125
	cis-1,3-Dichloropropene	<0.0125		µg/L	0.0125
	trans-1,3-Dichloropropene	<0.0125		µg/L	0.0125
	Ethylbenzene	<0.0125		µg/L	0.0125
	Hexachlorobutadiene	<0.0125		µg/L	0.0125
	2-Hexanone	<0.1250		µg/L	0.1250
	Isopropylbenzene	<0.0125		µg/L	0.0125
	4-Isopropyltoluene	<0.0125		µg/L	0.0125
	Methylene Chloride	<0.0125		µg/L	0.0125
	4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	0.1250
	Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	0.0125
	Naphthalene	<0.0063		µg/L	0.0063
	n-Propylbenzene	<0.0125		µg/L	0.0125
	Styrene	<0.0125		µg/L	0.0125
	1,1,1,2-Tetrachloroethane	<0.0125		µg/L	0.0125
	1,1,2,2-Tetrachloroethane	<0.0125		µg/L	0.0125
	Tetrachloroethene	<0.0125		µg/L	0.0125
	Toluene	<0.0125		µg/L	0.0125
	1,2,3-Trichlorobenzene	<0.0125		µg/L	0.0125
	1,2,4-Trichlorobenzene	<0.0125		µg/L	0.0125
	1,1,1-Trichloroethane	<0.0125		µg/L	0.0125
	1,1,2-Trichloroethane	<0.0125		µg/L	0.0125
	Trichloroethene	<0.0125		µg/L	0.0125
	1,2,3-Trichloropropane	<0.0050		µg/L	0.0050
	Trichlorofluoromethane	<0.0125		µg/L	0.0125
	Trichlorotrifluoroethane	<0.0125		µg/L	0.0125
	1,2,4-Trimethylbenzene	<0.0125		µg/L	0.0125
	1,3,5-Trimethylbenzene	<0.0125		µg/L	0.0125
	Vinyl Chloride	<0.0006		µg/L	0.0006
	m,p-Xylenes	<0.0250		µg/L	0.0250
	o-Xylene	<0.0125		µg/L	0.0125
	Isopropanol (IPA)	<0.1250		µg/L	0.1250

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QUALITY CONTROL DATA REPORT

PARTNER ENGINEERING & SCIENCE

2302-00173

Date Reported	**02/24/2023**
Date Received	**02/23/2023**
Date Sampled	**02/23/2023**

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Respectfully Submitted: Ken Zheng

Ken Zheng - President

ARL

A & R Laboratories
1650 S. Grove Ave., Ste C, Ontario, CA 91761
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E-mail: office@arlaboratories.com

~~CHAIN~~ OF CUSTODY

22-392110.8

A & R Work Order #: 2302-173

Page 1 of 1

Client Name: Partner ENG. & SCIENCE
E-mail: JHARRINGTON@PARTNERESI.COM
Address: 2154 TORRANCE BLVD., STE. 200, TORRANCE, CA 90501
Report Attention: JONATHAN
Phone #: 310-220-6284
Fax: #
Sampled By: KZ
Project No./ Name:
Project Site: Santa Fe Spring Rd Vs Telegraph Rd.

☐ Chilled ☒ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☐ Normal MOBILE

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	8260B / 8015 (Gasoline)	8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Remarks
-1	B11-SG	2/23/23	8:40	Air		250 mL G	X									
-2	B10-SG		9:04													
-3	B7-SG		9:25													
-4	B9-SG		9:50													
-5	B1-SG		10:30													
-6	B2-SG		10:50													
-7	B3-SG		11:10													
-8	B4-SG		11:35													
-9	B6-SG		11:55													
-10	B5-SG		12:20													
-11	B14-SG		12:40													
-12	B15-SG		13:05													
-13	B12-SG		13:25													
-14	B13-SG		13:42													
-15	B13-SG DUP	↓	13:42	↓		↓	↓									

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	Partner	2/23	14:30	[signature]	[signature]	2/23/23	14:30
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng, President 03/06/2023 11:44:27
Laboratory Job No. (Certificate of Analysis No.)	2302-00230
Project Name / No.	NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA 22-392110.8
Dates Sampled (from/to)	03/01/23 To 03/01/23
Dates Received (from/to)	03/01/23 To 03/01/23
Dates Reported (from/to)	03/06/23 To 3/6/2023
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 001 **B24-SG** Date & Time Sampled: 03/01/23 @ 8:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroform	<0.0040	0.00403	0.013	µg/L	<4.0	4.0	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0016	0.001625	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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ONTARIO, CA 91761
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FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 001 **B24-SG** Date & Time Sampled: 03/01/23 @ 8:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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2302-00230

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Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 001 **B24-SG**									Date & Time Sampled:		03/01/23 @ 8:25		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	03/01/23	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	119		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	105		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	117		70-130	%REC							EPA 8260B	03/01/23	KZ
Sample: 002 **B23-SG**									Date & Time Sampled:		03/01/23 @ 8:50		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 002 **B23-SG** Date & Time Sampled: 03/01/23 @ 8:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroform	<0.0040	0.00403	0.013	µg/L	<4.0	4.0	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0016	0.001625	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 002 **B23-SG** Date & Time Sampled: 03/01/23 @ 8:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	03/01/23	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	93		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	99		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	84		70-130	%REC							EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 003 **B22-SG** Date & Time Sampled: 03/01/23 @ 9:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroform	<0.0040	0.00403	0.013	µg/L	<4.0	4.0	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0016	0.001625	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 003 **B22-SG** Date & Time Sampled: 03/01/23 @ 9:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 003 **B22-SG**									Date & Time Sampled:		03/01/23 @ 9:25		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	03/01/23	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	101		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	104		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	98		70-130	%REC							EPA 8260B	03/01/23	KZ
Sample: 004 **B20-SG**									Date & Time Sampled:		03/01/23 @ 8:50		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Benzene	**0.15**	0.00312	0.013	µg/L	**150**	3.1	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 004 **B20-SG** Date & Time Sampled: 03/01/23 @ 8:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroform	<0.0040	0.00403	0.013	µg/L	<4.0	4.0	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0016	0.001625	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 004 **B20-SG** Date & Time Sampled: 03/01/23 @ 8:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	03/01/23	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	130		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	93		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	130		70-130	%REC							EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 005 **B19-SG** Date & Time Sampled: 03/01/23 @ 10:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Benzene	<0.0031	0.00312	0.013	µg/L	<3.1	3.1	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroform	<0.0040	0.00403	0.013	µg/L	<4.0	4.0	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0016	0.001625	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 005 **B19-SG** Date & Time Sampled: 03/01/23 @ 10:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 005 **B19-SG**											Date & Time Sampled:	03/01/23 @	10:10
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	03/01/23	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	98		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	97		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	102		70-130	%REC							EPA 8260B	03/01/23	KZ
Sample: 006 **B18-SG**											Date & Time Sampled:	03/01/23 @	10:30
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Benzene	**54**	0.00312	0.013	µg/L	**54,000**	3.1	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	**0.070**	0.0065	0.013	µg/L	**70**	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 006 **B18-SG** Date & Time Sampled: 03/01/23 @ 10:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroform	<0.0040	0.00403	0.013	µg/L	<4.0	4.0	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0016	0.001625	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Ethylbenzene	**0.70**	0.0065	0.013	µg/L	**700**	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Isopropylbenzene	**0.17**	0.0065	0.013	µg/L	**170**	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 006 **B18-SG** Date & Time Sampled: 03/01/23 @ 10:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Propylbenzene	**0.15**	0.0065	0.013	µg/L	**150**	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Toluene	**24**	0.0065	0.013	µg/L	**24,000**	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	**0.51**	0.0065	0.013	µg/L	**510**	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	**0.39**	0.0065	0.013	µg/L	**390**	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
m,p-Xylenes	**6.2**	0.013	0.026	µg/L	**6,200**	13.0	26	µg/m3		0.13	EPA 8260B	03/01/23	KZ
o-Xylene	**0.35**	0.0065	0.013	µg/L	**350**	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	71		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	130		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	130		70-130	%REC							EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
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SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 007 **B18-SG DUP** Date & Time Sampled: 03/01/23 @ 10:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.8500	0.85	1.7	µg/L	<850.0	850.0	1,700	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Benzene	**52**	0.0408	0.17	µg/L	**52,000**	40.8	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Bromoform	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.8500	0.85	1.7	µg/L	<850.0	850.0	1,700	µg/m3		1.7	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	***0.14***	0.085	0.17	µg/L	***140***	85.0	170	µg/m3	J	1.7	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.8500	0.85	1.7	µg/L	<850.0	850.0	1,700	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Carbon Tetrachloride	<0.0425	0.0425	0.085	µg/L	<42.5	42.5	85	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Chloroform	<0.0527	0.0527	0.17	µg/L	<52.7	52.7	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0213	0.02125	0.17	µg/L	<21.3	21.3	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ

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Date Reported	03/06/23
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Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 007 **B18-SG DUP** Date & Time Sampled: 03/01/23 @ 10:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Ethylbenzene	**0.72**	0.085	0.17	µg/L	**720**	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.8500	0.85	1.7	µg/L	<850.0	850.0	1,700	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Isopropylbenzene	**0.26**	0.085	0.17	µg/L	**260**	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
4-Isopropyltoluene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0850	0.085	0.2	µg/L	<85.0	85.0	200	µg/m3		1.7	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.8500	0.85	1.7	µg/L	<850.0	850.0	1,700	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0425	0.0425	0.085	µg/L	<42.5	42.5	85	µg/m3		1.7	EPA 8260B	03/01/23	KZ
n-Propylbenzene	**0.30**	0.085	0.17	µg/L	**300**	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Styrene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Toluene	**20**	0.085	0.17	µg/L	**20,000**	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0340	0.034	0.17	µg/L	<34.0	34.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 007 **B18-SG DUP**									Date & Time Sampled:		03/01/23 @ 10:30		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0850	0.085	0.17	µg/L	<85.0	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	**0.58**	0.085	0.17	µg/L	**580**	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	**0.36**	0.085	0.17	µg/L	**360**	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0041	0.004080	0.085	µg/L	<4.1	4.1	85	µg/m3		1.7	EPA 8260B	03/01/23	KZ
m,p-Xylenes	**8.7**	0.17	0.34	µg/L	**8,700**	170.0	340	µg/m3		1.7	EPA 8260B	03/01/23	KZ
o-Xylene	**0.64**	0.085	0.17	µg/L	**640**	85.0	170	µg/m3		1.7	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.8500	0.85	1.7	µg/L	<850.0	850.0	1,700	µg/m3		1.7	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	78		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	98		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	96		70-130	%REC							EPA 8260B	03/01/23	KZ
Sample: 008 **B17-SG**									Date & Time Sampled:		03/01/23 @ 11:20		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Benzene	**4.3**	0.012	0.050	µg/L	**4,300**	12.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromoform	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 008 **B17-SG** Date & Time Sampled: 03/01/23 @ 11:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chloroform	<0.0155	0.0155	0.050	µg/L	<15.5	15.5	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0063	0.00625	0.050	µg/L	<6.3	6.3	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1-Dichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Ethylbenzene	**0.070**	0.025	0.050	µg/L	**70**	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Isopropylbenzene	***0.030***	0.025	0.050	µg/L	***30***	25.0	50	µg/m3	J	0.50	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 008 **B17-SG** Date & Time Sampled: 03/01/23 @ 11:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0250	0.025	0.05	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.50	EPA 8260B	03/01/23	KZ
n-Propylbenzene	***0.040***	0.025	0.050	µg/L	***40***	25.0	50	µg/m3	J	0.50	EPA 8260B	03/01/23	KZ
Styrene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Toluene	**0.93**	0.025	0.050	µg/L	**930**	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0100	0.01	0.050	µg/L	<10.0	10.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Trichlorofluoromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	**0.070**	0.025	0.050	µg/L	**70**	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	***0.040***	0.025	0.050	µg/L	***40***	25.0	50	µg/m3	J	0.50	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0012	0.0012	0.025	µg/L	<1.2	1.2	25	µg/m3		0.50	EPA 8260B	03/01/23	KZ
m,p-Xylenes	**0.79**	0.05	0.10	µg/L	**790**	50.0	100	µg/m3		0.50	EPA 8260B	03/01/23	KZ
o-Xylene	**0.060**	0.025	0.050	µg/L	**60**	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	87		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	101		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	105		70-130	%REC							EPA 8260B	03/01/23	KZ

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TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 009 **B16-SG** Date & Time Sampled: 03/01/23 @ 11:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Benzene	**0.43**	0.012	0.050	µg/L	**430**	12.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromoform	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Carbon Tetrachloride	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chloroform	<0.0155	0.0155	0.050	µg/L	<15.5	15.5	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0063	0.00625	0.050	µg/L	<6.3	6.3	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 009 **B16-SG** Date & Time Sampled: 03/01/23 @ 11:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Ethylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Isopropylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
4-Isopropyltoluene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0250	0.025	0.05	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.50	EPA 8260B	03/01/23	KZ
n-Propylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Styrene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Toluene	**0.090**	0.025	0.050	µg/L	**90**	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0100	0.01	0.050	µg/L	<10.0	10.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 009 **B16-SG**											Date & Time Sampled:	03/01/23 @ 11:40	
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0012	0.0012	0.025	µg/L	<1.2	1.2	25	µg/m3		0.50	EPA 8260B	03/01/23	KZ
m,p-Xylenes	***0.090***	0.05	0.10	µg/L	***90***	50.0	100	µg/m3	J	0.50	EPA 8260B	03/01/23	KZ
o-Xylene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	75		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	95		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	96		70-130	%REC							EPA 8260B	03/01/23	KZ
Sample: 010 **B28-SG**											Date & Time Sampled:	03/01/23 @ 12:08	
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Benzene	**0.040**	0.00312	0.013	µg/L	**40**	3.1	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 010 **B28-SG** Date & Time Sampled: 03/01/23 @ 12:08
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroform	<0.0040	0.00403	0.013	µg/L	<4.0	4.0	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0016	0.001625	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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Sample: 010 **B28-SG** Date & Time Sampled: 03/01/23 @ 12:08
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	03/01/23	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	100		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	101		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	98		70-130	%REC							EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 011 **B27-SG** Date & Time Sampled: 03/01/23 @ 12:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Benzene	***0.010***	0.00312	0.013	µg/L	***10***	3.1	13	µg/m3	J	0.13	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroform	<0.0040	0.00403	0.013	µg/L	<4.0	4.0	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0016	0.001625	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 011 **B27-SG** Date & Time Sampled: 03/01/23 @ 12:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Toluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 011 **B27-SG**									Date & Time Sampled:		03/01/23 @ 12:30		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
.....continued													
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	03/01/23	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	89		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	102		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	90		70-130	%REC							EPA 8260B	03/01/23	KZ
Sample: 012 **B26-SG**									Date & Time Sampled:		03/01/23 @ 12:50		
Sample Matrix: **Air**													
Purge Volume Sampled: **3**													
[VOCs by GCMS]													
Acetone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Benzene	***0.010***	0.00312	0.013	µg/L	***10***	3.1	13	µg/m3	J	0.13	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromoform	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 012 **B26-SG** Date & Time Sampled: 03/01/23 @ 12:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Carbon Tetrachloride	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloroform	<0.0040	0.00403	0.013	µg/L	<4.0	4.0	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0016	0.001625	0.013	µg/L	<1.6	1.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Ethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Isopropylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 012 **B26-SG** Date & Time Sampled: 03/01/23 @ 12:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
4-Isopropyltoluene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0065	0.0065	0.01	µg/L	<6.5	6.5	10	µg/m3		0.13	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0033	0.00325	0.0065	µg/L	<3.3	3.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
n-Propylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Styrene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Toluene	**0.020**	0.0065	0.013	µg/L	**20**	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0026	0.0026	0.013	µg/L	<2.6	2.6	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorofluoromethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0003	0.000312	0.0065	µg/L	<0.3	0.3	7	µg/m3		0.13	EPA 8260B	03/01/23	KZ
m,p-Xylenes	<0.0130	0.013	0.026	µg/L	<13.0	13.0	26	µg/m3		0.13	EPA 8260B	03/01/23	KZ
o-Xylene	<0.0065	0.0065	0.013	µg/L	<6.5	6.5	13	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0650	0.065	0.13	µg/L	<65.0	65.0	130	µg/m3		0.13	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	93		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	103		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	99		70-130	%REC							EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 013 **B25-SG** Date & Time Sampled: 03/01/23 @ 13:12
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
[VOCs by GCMS]													
Acetone	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Benzene	<0.0120	0.012	0.050	µg/L	<12.0	12.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromochloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromodichloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromoform	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Bromomethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2-Butanone (MEK)	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
n-Butylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
sec-Butylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
tert-Butylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Carbon Disulfide	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Carbon Tetrachloride	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chloroform	<0.0155	0.0155	0.050	µg/L	<15.5	15.5	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Chloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2-Chlorotoluene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
4-Chlorotoluene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Dibromochloromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dibromoethane (EDB)	<0.0063	0.00625	0.050	µg/L	<6.3	6.3	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dibromo-3-Chloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Dibromomethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,3-Dichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,4-Dichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Dichlorodifluoromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1-Dichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ

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2302-00230

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TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 013 **B25-SG** Date & Time Sampled: 03/01/23 @ 13:12
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
1,1-Dichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
cis-1,2-Dichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
trans-1,2-Dichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2-Dichloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,3-Dichloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2,2-Dichloropropane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1-Dichloropropene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
cis-1,3-Dichloropropene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
trans-1,3-Dichloropropene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Ethylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Hexachlorobutadiene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
2-Hexanone	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Isopropylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
4-Isopropyltoluene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Methylene Chloride	<0.0250	0.025	0.05	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
4-Methyl-2-Pentanone (MIBK)	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Methyl-t-butyl Ether (MtBE)	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Naphthalene	<0.0125	0.0125	0.025	µg/L	<12.5	12.5	25	µg/m3		0.50	EPA 8260B	03/01/23	KZ
n-Propylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Styrene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,1,2-Tetrachloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,2,2-Tetrachloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Tetrachloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Toluene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,3-Trichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,4-Trichlorobenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,1-Trichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,1,2-Trichloroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Trichloroethene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,3-Trichloropropane	<0.0100	0.01	0.050	µg/L	<10.0	10.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ

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CERTIFICATE OF ANALYSIS

2302-00230

PARTNER ENGINEERING & SCIENCE
JONATHAN HARRINGTON
2154 TORRANCE BLVD.
SUITE 200
TORRANCE, CA 90501

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Date Reported	03/06/23
Date Received	03/01/23
Invoice No.	97469
Cust #	P122
Permit Number	
Customer P.O.	22-392110.8

Sample: 013 **B25-SG** Date & Time Sampled: 03/01/23 @ 13:12
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Trichlorofluoromethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Trichlorotrifluoroethane	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,2,4-Trimethylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
1,3,5-Trimethylbenzene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
Vinyl Chloride	<0.0012	0.0012	0.025	µg/L	<1.2	1.2	25	µg/m3		0.50	EPA 8260B	03/01/23	KZ
m,p-Xylenes	<0.0500	0.05	0.10	µg/L	<50.0	50.0	100	µg/m3		0.50	EPA 8260B	03/01/23	KZ
o-Xylene	<0.0250	0.025	0.050	µg/L	<25.0	25.0	50	µg/m3		0.50	EPA 8260B	03/01/23	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.2500	0.25	0.50	µg/L	<250.0	250.0	500	µg/m3		0.50	EPA 8260B	03/01/23	KZ
[VOC Surrogates]													
Dibromofluoromethane	82		70-130	%REC							EPA 8260B	03/01/23	KZ
Toluene-D8	102		70-130	%REC							EPA 8260B	03/01/23	KZ
Bromofluorobenzene	90		70-130	%REC							EPA 8260B	03/01/23	KZ

Respectfully Submitted: Ken Zheng

Ken Zheng - President

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL
B1= BOD blank is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution
E = Estimated value
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit
MDL = Method Detection Limit
Qual = Qualifier
Tech = Technician

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QUALITY CONTROL DATA REPORT

PARTNER ENGINEERING & SCIENCE
TORRANCE, CA 90501

2302-00230

Date Reported	**03/06/2023**
Date Received	**03/01/2023**
Date Sampled	**03/01/2023**
Invoice No.	**97469**
Customer #	**P122**
Customer P.O.	**22-392110.8**

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Method # **EPA 8260B**
QC Reference # 108118 **Date Analyzed:** 3/1/2023 **Technician:** KZ
Samples 001 002 003 004 005 006 007 008 009 010 011 012 013

Results

	LCS %REC	LCS %DUP	LCS %RPD	BLKSRR% REC
1,1-Dichloroethene	127	105	18.9	
Benzene	114	99	13.6	
Bromofluorobenzene				93
Chlorobenzene	122	109	10.9	
Dibromofluoromethan				101
Toluene	115	100	13.2	
Toluene-D8				107
Trichloroethene	99	91	8.4	

Control Ranges

LCS %REC	LCS %RPD	BLKSRR%REC
70 - 130	0 - 25	
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	

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QUALITY CONTROL DATA REPORT

PARTNER ENGINEERING & SCIENCE

2302-00230

Date Reported 03/06/2023
Date Received 03/01/2023
Date Sampled 03/01/2023

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Method blank results

Ref	Test Name	Result	Qualif	Units	MDL
108118	Acetone	<0.0650		µg/L	0.0650
	Benzene	<0.0031		µg/L	0.0031
	Bromobenzene	<0.0065		µg/L	0.0065
	Bromochloromethane	<0.0065		µg/L	0.0065
	Bromodichloromethane	<0.0065		µg/L	0.0065
	Bromoform	<0.0065		µg/L	0.0065
	Bromomethane	<0.0065		µg/L	0.0065
	2-Butanone (MEK)	<0.0650		µg/L	0.0650
	n-Butylbenzene	<0.0065		µg/L	0.0065
	sec-Butylbenzene	<0.0065		µg/L	0.0065
	tert-Butylbenzene	<0.0065		µg/L	0.0065
	Carbon Disulfide	<0.0650		µg/L	0.0650
	Carbon Tetrachloride	<0.0033		µg/L	0.0033
	Chlorobenzene	<0.0065		µg/L	0.0065
	Chloroethane	<0.0065		µg/L	0.0065
	Chloroform	<0.0040		µg/L	0.0040
	Chloromethane	<0.0065		µg/L	0.0065
	2-Chlorotoluene	<0.0065		µg/L	0.0065
	4-Chlorotoluene	<0.0065		µg/L	0.0065
	Dibromochloromethane	<0.0065		µg/L	0.0065
	1,2-Dibromoethane (EDB)	<0.0016		µg/L	0.0016
	1,2-Dibromo-3-Chloropropane	<0.0065		µg/L	0.0065
	Dibromomethane	<0.0065		µg/L	0.0065
	1,2-Dichlorobenzene	<0.0065		µg/L	0.0065
	1,3-Dichlorobenzene	<0.0065		µg/L	0.0065
	1,4-Dichlorobenzene	<0.0065		µg/L	0.0065
	Dichlorodifluoromethane	<0.0065		µg/L	0.0065
	1,1-Dichloroethane	<0.0065		µg/L	0.0065
	1,2-Dichloroethane	<0.0065		µg/L	0.0065
	1,1-Dichloroethene	<0.0065		µg/L	0.0065
	cis-1,2-Dichloroethene	<0.0065		µg/L	0.0065
	trans-1,2-Dichloroethene	<0.0065		µg/L	0.0065
	1,2-Dichloropropane	<0.0065		µg/L	0.0065
	1,3-Dichloropropane	<0.0065		µg/L	0.0065
	2,2-Dichloropropane	<0.0065		µg/L	0.0065
	1,1-Dichloropropene	<0.0065		µg/L	0.0065
	cis-1,3-Dichloropropene	<0.0065		µg/L	0.0065
	trans-1,3-Dichloropropene	<0.0065		µg/L	0.0065
	Ethylbenzene	<0.0065		µg/L	0.0065
	Hexachlorobutadiene	<0.0065		µg/L	0.0065
	2-Hexanone	<0.0650		µg/L	0.0650
	Isopropylbenzene	<0.0065		µg/L	0.0065
	4-Isopropyltoluene	<0.0065		µg/L	0.0065
	Methylene Chloride	<0.0065		µg/L	0.0065
	4-Methyl-2-Pentanone (MIBK)	<0.0650		µg/L	0.0650
	Methyl-t-butyl Ether (MtBE)	<0.0065		µg/L	0.0065
	Naphthalene	<0.0033		µg/L	0.0033
	n-Propylbenzene	<0.0065		µg/L	0.0065
	Styrene	<0.0065		µg/L	0.0065
	1,1,1,2-Tetrachloroethane	<0.0065		µg/L	0.0065
	1,1,2,2-Tetrachloroethane	<0.0065		µg/L	0.0065
	Tetrachloroethene	<0.0065		µg/L	0.0065
	Toluene	<0.0065		µg/L	0.0065
	1,2,3-Trichlorobenzene	<0.0065		µg/L	0.0065
	1,2,4-Trichlorobenzene	<0.0065		µg/L	0.0065
	1,1,1-Trichloroethane	<0.0065		µg/L	0.0065
	1,1,2-Trichloroethane	<0.0065		µg/L	0.0065
	Trichloroethene	<0.0065		µg/L	0.0065
	1,2,3-Trichloropropane	<0.0026		µg/L	0.0026
	Trichlorofluoromethane	<0.0065		µg/L	0.0065
	Trichlorotrifluoroethane	<0.0065		µg/L	0.0065
	1,2,4-Trimethylbenzene	<0.0065		µg/L	0.0065
	1,3,5-Trimethylbenzene	<0.0065		µg/L	0.0065
	Vinyl Chloride	<0.0003		µg/L	0.0003
	m,p-Xylenes	<0.0130		µg/L	0.0130
	o-Xylene	<0.0065		µg/L	0.0065
	Isopropanol (IPA)	<0.0650		µg/L	0.0650

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QUALITY CONTROL DATA REPORT

PARTNER ENGINEERING & SCIENCE

2302-00230

Date Reported	**03/06/2023**
Date Received	**03/01/2023**
Date Sampled	**03/01/2023**

Project: NW Cors of Santa Fe Springs Rd. & Telegraph Rd., SFS, CA

Respectfully Submitted: Ken Zheng

Ken Zheng - President

ARL

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

22-392110.8

A & R Work Order #: 2302-230

Client Name: Partner ENG. & SCIENCE
E-mail: JHARRINGTON@PARTNERESI.COM
Address: 454 TORRANCE BLVD. STE 200. TORRANE, CA 90501
Report Attention: JONATHAN Phone # 310-220-6284 Fax: #
Sampled By: KZ
Project No./ Name:
Project Site: SANTA FE SPRINGS RD & TELEGRAPH RD

☐ Chilled ☒ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☐ Normal MOBILE

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	8260B / 8015 (Gasoline)	8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Remarks
-1	B24-SG	3/1/23	8:25	Air		250 ml G	X									
-2	B23-		8:50													
-3	B22-		9:25													
-4	B20-		9:50													
-5	B19-		10:10													
-6	B18-		10:30													
-7	B18-	DUP	10:30													
-8	B17-		11:20													
-9	B16-		11:40													
-10	B28-		12:08													
-11	B27-		12:30													
-12	B26-		12:50													
-13	B25-		13:12													

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	Partner	3/1/23	13:40	[signature]	ARL	3/1/23	13:40
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore