

APPENDIX D

Site Investigation

SITE INVESTIGATION REPORT

D'Amico Sites

**838 S. 1st Street, 807, 831 & 833 S. 2nd Street, & 20 E. Virginia Street
San Jose, California**

October 19, 2020

Prepared By:

**Denali, Inc.
2255 Morello Avenue, Suite 208
Pleasant Hill, California 94523**

&

**MJO Earthscience Services Inc.
15466 Los Gatos Blvd., #109-142
Los Gatos, California 95032**

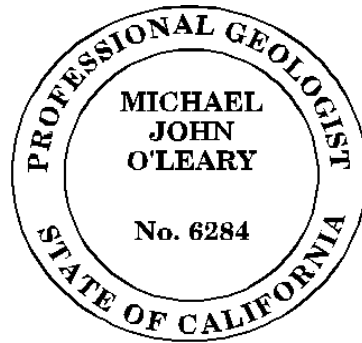
Title: Site Investigation Report - Assessment of Soil & Groundwater Contamination
D'Amico Sites
838 S. 1st Street, 807, 831 & 833 S. 2nd Street, & 20 E. Virginia Street
San Jose, California

Date: October 19, 2020

Project No. Denali Project No. 2707 & MJOES Project No. OL072-6.2

Submitted By: Denali, Inc.
2255 Morello Avenue, Suite 208
Pleasant Hill, California 94523

Michael J. O'Leary



Prepared By:

Michael O'Leary, P.G. 6284
MJO Earthscience Services, Inc.
Professional Geologist No. 6284

Reviewed By: *Robert G. Kuykendall*
Robert G. Kuykendall, Principal
Denali, Inc.
Certified Hazardous Materials Manager No. 7948

EXECTUVE SUMMARY

1.0	INTRODUCTION.....	1
1.1	Site Background	4
1.2	Previous Investigations	6
2.0	DESCRIPTION OF SITE INVESTIGATION.....	7
2.1	Soils Investigation.....	7
2.2	Groundwater Investigation	15
2.3	Soil Vapor Investigation	20
3.0	CONCLUSIONS & RECOMMENDATIONS	28
3.1	Soils Investigation.....	28
3.2	Groundwater Investigation	28
3.3	Soil Vapor Investigation	29

TABLES

Soil Tables

Table 1 -- Summary of Soil Sample Analysis 2016 Converted to Dry Weight

Table 2 -- Summary of Soil Sample Analysis 2020 LUFT Metals Converted to Dry Weight

Table 3 -- Summary of Soil Sample Analysis 2016 Gasoline, Xylenes, Motor Oil Converted to Dry Weight

Table 4 -- Summary of Soil Samples Analysis 2020 Gasoline, Diesel, Motor Oil, VOCs, LUFT metals, Arsenic, and Moisture Converted to Dry Weight

Table 5 -- Soil Sample Analysis 2020 LUFT Metals

Groundwater Tables

Table 1 -- Results of Grab Groundwater Sample Analyses Detected Volatile Organic Compounds (VOCs) & Total Petroleum Hydrocarbons (TPH)

Soil Vapor Tables

Table 1v - Results of Soil Vapor Sample Analyses for Detected VOCs

Table 4b - Results of Soil Vapor Sample Analyses for Fixed Gases

FIGURES

Figure 1s - Debris and Lead Impacted Soil

Figure 1g - Approximate Location of Temporary Groundwater Wells

Figure 1v - PCE Results Soil Vapor Probes

APPENDICES

Appendix A -Soil Bore Logs

Appendix B -Temporary Water Well Logs

Appendix C - Soil Vapor Well Logs

Appendix D - Laboratory Reports & Chain of Custody Documentation

EXECUTIVE SUMMARY

Denali, Inc (Denali) and MJO Earthscience Services (MJOES) completed an investigation to evaluate the soil vapor, soil and groundwater quality conditions at the D'Amico commercial properties located at 838 S. 1st Street, 807, 831 & 833 S. 2nd Street, & 20 E. Virginia Street, San Jose, California

This site investigation includes the following commercial properties located at 801 & 838 S. 1st Street, and 807, 831 & 833 S. 2nd Street - APNs 472-17-005, 472-17-006, 472-17-094, 472-17-095, 472-17-034, San Jose, California 94510. The two South 1st Street properties are owned by the D'Amico Tire Service Company, Inc. and the South 2nd Street properties are owned by the James L. D'Amico & Marlene J. D'Amico Revocable Trust. These properties are referred to in this report as the "Site". and/or "Subject Site".

This site investigation was performed in accordance with the Site Investigation Workplans dated June 24, 2020 submitted to the Santa Clara County Department of Environmental Health. (SCDEH) and were approved by the SCDEH on July 13, 2020 as Site Cleanup Program Case #2020-04s. The intent of this Site investigation is to assess soil vapor, soil and groundwater contamination from historical Site activities which were identified by previous investigations at the Site.

The conclusions and recommendations for each investigation for soils, groundwater, and soil vapor are presented sequentially below consistent with the report format.

SOIL INVESTIGATION

Conclusions

There is metal and arsenic contamination beneath the former GAI warehouse (831 S. 2nd St) and storage yard (833 S. 2nd St) extends under the former Wheel Works service bays. The approximate extent of lead-impacted soil is shown Figure 1s. The defined area appears to extend to a depth of about 4 feet, but it may be as deep as 6 feet in some areas. The lead-impacted soil also includes debris soil and soil with elevated levels of arsenic, and nickel.

Other contamination is associated with site's suspected UST adjacent to the former Wheel Works' offices (Fig. 1s).

Recommendations

1. Remove soil containing elevated concentrations of lead that includes arsenic, and nickel and particulate debris. The depth of removal appears to about 4 feet, but it may be as deep as 6 feet in some areas.
2. Excavate both UST areas and remove any soil contamination issues related to the tanks.

GROUNDWATER INVESTIGATION

Conclusions

Groundwater and Vapor Intrusion

Concentrations of PCE and naphthalene present in groundwater samples from WB1 and WB3, respectively, may pose a vapor intrusion threat to future residential occupants unless mitigated.

Sources of Contaminates in Groundwater

At well WB1 - Naphthalene, 7 other VOCs, gasoline and diesel were detected in groundwater sample WB1 (Table 1g). WB1 is located beside a suspected UST at 20 E. Virginia Street (Figure 1g). An UST is known to have been located at this location, but it isn't clear that the tank was removed, hence it is referred to as "suspected." The detected VOCs are mostly related to petroleum products and samples from a vapor probe (VS1) located beside this UST location also contained naphthalene and other petroleum related contaminants. It appears that leakage from this UST is a likely source of the petroleum products and VOCs detected here.

At well WB2 - Gasoline, diesel, isopropyl benzene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene were detected at concentrations below Residential ESLs in groundwater sample WB2. No other contaminants were detected in the groundwater sample from WB2. The location of WB2 is a small parking area adjacent to S. 1st St. and on the up-gradient (with respect groundwater flow) side of the subject site. This location offers no likely onsite source for the petroleum contaminants detected there. However, this location is down-gradient of a former Regal Station at 827 S. 1st Street (Fig. 1g) that is currently undergoing remediation for fuel releases. That site is a potential source of contaminants found at WB2.

At well WB3 - PCE was detected at a concentration above its Residential ESL in the groundwater sample from WB3. PCE was also detected vapor probes and appears to be migrating northward across the subject site. WB3 is located inside 838 S. 1st St. and is across the street from a suspected former dry cleaner (Fig 1g). Historical records show that a cleaner known as "Payless (Thrifty) Cleaners" was located at 817 S. 1st Street (Fig. 1v) in the late 1960s and early 1970s. That site is a potential source of PCE which was potentially used in dry-cleaning.

Contaminant detections in groundwater samples from WB4, WB5, and WB6, are minor and not of health or environmental concern. No contaminants were detected in the groundwater samples from WB7 and WB8.

Potential Cleanup

It is possible, albeit unlikely, that an agency could require groundwater remediation to lessen the concentrations of PCE and naphthalene at the subject site. We believe it unlikely given the that only one detection of PCE (WB3) and naphthalene (WB1) occurred. The naphthalene issue is likely related to the suspected tank beside WB1 (Fig. 1g) and will be addressed during planned excavation of the suspected tank area. The concentration of PCE detected in the groundwater sample from WB3 appears to be from an off-site source.

SOIL VAPOR INVESTIGATION

Conclusions

The results of soil vapor testing report herein show that VOCs are present in soil vapor at concentrations above Residential ESLs and that those VOCs may present a threat to future residential occupants unless mitigated. The primary VOC is PCE, but benzene, 1,2-Dibromo-3-chloropropane (DBCP), Naphthalene, and 1,2,4-Trichlorobenzene were also detected above Residential ESLs.

Recommendations

Vapor Intrusion Mitigation - The development design of the site includes commercial and parking areas on the ground level and residential units beginning on the second floor. This basic design will act as a mitigation against current or future vapor intrusion into residential units, although some modification of the design may be needed to augment air circulation from the garage to the outside.

The limited commercial units, as planned, appear to have a footprint that measure 40 feet by 115 feet. As a measure of caution, we recommend installing horizontal vent piping and/or a contaminant vapor barrier beneath the foundation during construction. The vent pipe should be stubbed at two locations outside the building. A venting system can be completed if vapor intrusion becomes an issue in the future. The same may be done for the proposed ground floor lobby.

1.0 INTRODUCTION

Denali, Inc (Denali) and MJO Earthscience Services (MJOES) completed an investigation to evaluate the soil vapor, soil and groundwater quality conditions at the D'Amico sites located at 838 S. 1st Street, 807, 831 & 833 S. 2nd Street, & 20 E. Virginia Street, San Jose, California

This site investigation includes the following commercial properties located at 801 & 838 S. 1st Street, and 807, 831 & 833 S. 2nd Street - APNs 472-17-005, 472-17-006, 472-17-094, 472-17-095, 472-17-034, San Jose, California 94510. The two South 1st Street properties are owned by the D'Amico Tire Service Company, Inc. and the South 2nd Street properties are owned by the James L. D'Amico & Marlene J. D'Amico Revocable Trust. These properties are referred to in this report as the "Site". and/or "Subject Site".

This site investigation was performed in accordance with the Site Investigation Workplans dated June 24, 2020 submitted to the Santa Clara County Department of Environmental Health. (SCDEH). The workplans were approved by the SCDEH on July 13, 2020 as Site Cleanup Program Case #2020-04s.

The intent of this Site investigation is to assess soil vapor, soil and groundwater contamination from historical Site activities which were identified by previous investigations at the Site. .All samples (soil vapor, soil and groundwater) were submitted to two accredited analytical laboratories, Torrent Laboratories (Torrent) in Milpitas, California and McCampbell Analytical Laboratory (McCampbell) in Pittsburg, California under chain of custody procedures. This report summarizes the investigation's sample results and evaluation of them using available and applicable state and federal environmental and health regulatory standards and guidance. The report also provides recommendations for potential approaches to address Site soil vapor, soil and groundwater quality conditions documented during the Site investigation.

1.1 Site Background

The Subject Site consists of seven (7) buildings located on six (6) parcels of land. The attached Figure 1 shows the project areas outlined in "red" and surrounding areas. The total acreage of all addresses is approximately 1 acre or 45,000 square foot (sqft). The total parcel of land is nearly rectangular with a 25-foot wide alley running down the middle (Fig. 1). The remaining areas of the Site are paved or landscaped.

The Site historically has had a variety of business activities take place on the Site including recently, the following:

Former Wheel Works Office, Showroom, Tire Storage (802 S. 1st St.(aka. 20 E. Virginia St.)

With the exception of a closed in- place underground storage tank, not used by Wheel Works, this area has not been used for activities that include the use and storage of hazardous chemicals of petroleum products. The closed in-place UST is located next to the former Wheel Works office which fronts E. Virginia St. Since it was closed in-place it is no longer considered a tank and can be removed as part of future demolition

Former Wheel Works Service Bays and Customer Parking (807 S. 2nd St.)

This area of the Site has been used for servicing vehicles to install tires and related vehicle services with an adjacent customer parking lot and is now used periodically for parking associated with the nearby Neptune Society business.

Former Parsley Sage Rosemary & Thyme Catering Warehouse (838 S. 1st St.)

Parsley Sage Rosemary & Thyme Catering (PSRT) used this warehouse for storage of dry non-hazardous catering supplies. Several catering vehicles were also routinely parked in the warehouse. With the exception of small propane tanks for outdoor heaters and in-vehicle fuel tanks, there were no petroleum products.

Prior to warehouse uses, this building was occupied by White's Truck Service which used the building to provide truck maintenance services, such as oil and coolant changes. Trucks would enter the facility from S. 1st Street through one of four roll-up doors and park over a man-trench located past each door. These types of trenches were usually about 6 -7 feet deep to allow employees room to work on the vehicles parked above them.

Former Parsley Sage Rosemary & Thyme Catering Warehouse (831 S. 2nd St.)

Like its warehouse at 838 S. 1st, PSRT used this warehouse for storage of dry non-hazardous catering supplies. An antique Packard automobile and speed boat belonging to the business owner were also parked in the warehouse. With the exception of small propane tanks for outdoor heaters and vehicle fuel, there were no petroleum products present.

This building was also formerly occupied by Golden City Auto Imports (GAI). GAI imported used engines from Asia and then installed them in customer' vehicles at this location. Photographs reviewed by MJOES and Denali show the storage of dozens of engines stored on the ground and in racks. Prior to installation some refurbishment of engines was done which included parts cleaning and application of lubricants and antifreeze

Former Parsley Sage Rosemary & Thyme Catering Storage Yard (833 S. 2nd St.)

PSRT used this outdoor area for storage of dry non-hazardous miscellaneous equipment and supplies. Approximately, two-thirds of the area has a metal roof cover and the remainder is not covered. Several catering vehicles were also routinely parked in the warehouse. With exception of small propane tanks for outdoor heaters and vehicle fuel, there were no petroleum products present. The third of the area nearest S. 2nd Street was subleased from PSRT by a private party and used to store household appliances such as refrigerators, washers, dryers, and stove/ovens. This storage area was also formerly used in the past by Golden City Auto Imports (GAI) to store used engines used in their engine swap business.

An UST is located in the area formerly used to store household appliances (Figure 1) adjacent to S. 2nd Street. No venting, plumbing, or fill caps were observed in the area. Prior to drilling, the UST was located by use of a magnetometer. The UST will require Closure and removal in accordance with local ordinance. This can best be accomplished during or following demolition of the site

Currently, the three areas formerly used by PSRT are leased to an individual, David Fong, who utilizes the areas for storage of some catering supplies, beverages, miscellaneous equipment, and vehicles. Hazardous materials are not used or stored in the areas 831 & 833 2nd St and 838 S 1st St locations.

1.2 Previous Investigations

Denali/MJOES have conducted previous investigations at the Site as follows:

- **March 2004 Subsurface Investigation**

An exploratory subsurface investigation was performed at the Site on March 14, 2004 to collect soil samples from beneath seven auto lifts in the Wheel Works service bays. The purpose of this work was to investigate soil quality beneath the five active and two inactive auto lifts at the Site in order to ascertain if a release of hydraulic fluid had occurred.

- **January 2017 Subsurface Investigation**

A subsurface soil investigation was performed at the Site in December 2016 and report submitted on January 23, 2017. Information from that investigation has been incorporated into the Soil Investigation in Section 2.1 below.

2.0 DESCRIPTION OF SITE INVESTIGATIONS

The Site investigation workplans approved by the SCDEH included three components - a) soils; b) groundwater; and c) soil vapor. The investigation activities, sample results, findings and conclusions for each component are presented sequentially in this report.

2.1 SOILS INVESTIGATION

Denali/MJOES conducted the soil investigation at 838 S. 1st Street, 807, 831 & 833 S. 2nd Street, and 20 E. Virginia Street, San Jose, California (Subject Site), in accordance with the Soil Investigation Workplan, dated June 18, 2020. The workplan was reviewed and accepted by County of Santa Clara, Department of Environmental Health (SCDEH).

This section reports the soil data from investigation completed in the year 2017 and from a subsequent investigating completed in 2020.

2017 Investigation

The 2017 investigation included drilling 50 boreholes at the site (SB1 to SB50, Figure 1s), obtaining soil samples at depths of 2 feet and /or 10 feet, and analyzing the samples for gasoline, diesel, motor oil, ethylene glycol, volatile organic compounds, and/or LUFT Metals. The results were reported in wet-weight and compared to then available California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), Commercial/Industrial Environmental Screening Levels (ESLs).

Those original data are included in this report but have been converted to dry-weight results using moisture data collected during this (2020) investigation. The resulting data have been compared to current (2019) Residential ESLs.

2020 Investigation (current)

This 2020 investigation was completed in conjunction with concurrent soil vapor and groundwater investigation and included drilling 25 additional boreholes at the site. The new borings are shown as SB51 to SB60, WB1 to WB8, and VS1, VS3, VS4, VS5, VS6, VS7 and VAS9 in Figure 1), obtaining soil samples at depths of 2 feet, 4 feet, 6 feet and /or 10 feet, and analyzing the samples for gasoline, diesel, motor oil, ethylene glycol, volatile organic compounds, arsenic and/or LUFT Metals. The results have been converted to dry-weight results using moisture data collected during this (2020) investigation. The resulting data have been compared to current (2019) Residential ESLs.

Background

The subject site consists of 7 buildings located on 6 parcels of land. The attached Figure 1 shows the project areas outlined in “red” and surrounding areas. The total acreage of all addresses is approximately 1 acre or 45,000 square foot (sqft). The total parcel of land is nearly rectangular with a 25-foot wide alley running down the middle (Fig. 1s). Remaining areas of the site are paved or landscaped.

Soil investigation conducted in 2017 identified lead contamination (lead-impacted area) in shallow soil beneath paving at 831 and 833 S. 2nd Street (Fig. 1s).

Former Wheel Works Office, Showroom, Tire Storage -802 S. 1st St. (aka 20 E. Virginia St.)

With the exception of the closed in-place underground storage tank, this area has not been used for activities that include the use and storage of hazardous chemicals of petroleum products.

A closed underground storage tank (UST) in-place is located next to the Wheel Works office which fronts E. Virginia St. Five soil borings (Figure 1) were drilled on three side of the tank and soil samples were obtained 2, 5, 10, and/or 20 feet. The samples were selectively analyzed for gasoline and diesel, motor oil, ethylene glycol, VOCs, arsenic and / or LUFT Metals.

Former Wheel Works Service Bays and Customer Parking- 807 S. 2nd St.

Five (5) soil borings were drilled in the customer parking area and a total of 9 soil borings were drilled in the Wheel Works service bays. Soil samples were obtained at depths of 2 feet, 5 feet, and 10 feet from each boring.

Warehouse - 838 S. 1st St.

Prior to warehouse uses, this building was occupied by White's Truck Service which used the building to provide truck maintenance services, such as oil and coolant changes. Trucks would enter the facility from S. 1st Street through one of four roll-up doors and park over a man-trench located past each door. These types of trenches are usually about 8 feet deep to allow employees room to work on the vehicles parked above them. Sixteen soil borings were drilled this warehouse and soil samples were collected from depths of 2 feet, 5 feet, and / or 10 feet (Figure 1s).

Warehouse - 831 S. 2nd St.

This building was formerly occupied by Golden City Auto Imports (GAI). GAI imported used engines from Asia and then installed them in customer' vehicles at this location. Thirteen (13) soil borings were drilled in the former engine storage and replacement areas at depths of 2 feet, 4 feet, 5 feet, 6 feet, and/or 10 feet (Figure 1s).

Storage Yard - 833 S. 2nd St.

This storage area was formerly used in the past by GAI to store used engines used in their engine swap business. Twenty-nine (29) soil borings were drilled in these storage areas and soil samples were collected from depths of 2 feet, 5 feet, 6 feet, and/or 10 feet (Figure 1s).

A closed in-place underground storage tank (UST) is located north corner of covered storage area (Figure 1s), adjacent to S. 2nd Street. The tank itself will require removal in accordance with local ordinance. This can best be accomplished during or following demolition of the site. Four soil borings were drilled beside the suspected tank location (Figure 1) and samples from depths of 2 feet, 5 feet, and/or 10 feet were collected from the borings.

Soil samples were selectively analyzed for gasoline and diesel, motor oil, ethylene glycol, VOCs, arsenic and/or LUFT Metals. Details regarding analyses of each soil sample are provided in the attached tables and laboratory reports.

Purpose

The purpose of groundwater testing is to determine if volatile organic compounds (VOCs) and petroleum products are present in groundwater at concentrations that could present a risk of indoor vapor intrusion to the planned development.

Field Activities

- a. Health and Safety - Job and Site-Specific Health & Safety guidance was prepared and implemented for the field portion of the investigation.
- b. Utility Location - The services of Underground Service Alert (USA) and a professional locator were employed to locate underground utilities prior to drilling in order to avoid damage to utilities and to ensure safety while drilling. No utilities were encountered or damaged during drilling.
- c. Drilling and Sampling - A contractor drilled 75 soil borings (Figure 1s) and collected soil samples from each boring. The depths at which samples were collected are shown in the attached tables.
- d. Following sampling, the holes sealed with cement grout by tremie. The boreholes were sealed the same day that they were drilled, and the samples were obtained. The top 4 inches of holes in pavement was sealed with concrete.

Waste Disposal

During the 2016 investigation, soil not intended for laboratory analyses was returned to the borehole it came from and any remaining hole was sealed with grout. There were no additional soil cuttings left on-site which required disposal.

During the 2020 investigation, all excess soil was sealed in a 55-gallon drum and stored inside at the site pending laboratory results. The minor amount of groundwater generated was also placed in the drum. The top 4 inches of holes in pavement was sealed with concrete. These materials will be disposed once laboratory analyses are complete, and suitable waste disposal arrangements are made.

Project Safety

A safety plan for the field sampling activities at the site was prepared and implemented prior to drilling any boreholes. Sampling methods employed during this investigation minimized both worker exposure to any potentially contaminated soil or groundwater, and the amount of waste soil and water produced during sampling activities. All field work was performed by personnel trained pursuant to federal regulation OSHA 29 CFR 1910.120 and California Title 8 CCR 5193.

The services of Underground Service Alert (USA) and a private locator were employed to identify underground utilities prior to drilling so as to avoid damage to utilities and ensure safety while drilling. No utilities were encountered during drilling activities.

Soil Sampling Procedures

Environmental Control Associates (ECA) drilled soil borings at 75 locations, as shown in the attached drawing (Figure 1s). Soil samples were collected using GeoProbe™ direct push equipment and 5-foot sections of decontaminated 3/4-inch I.D., galvanized steel probe pipe. The probe pipe was connected to a 4-foot long stainless-steel sample tube containing a 2-in diameter acetate liner. The probe pipe, sampling tube, and insert rods were pneumatically driven using a percussion hammer to the desired sampling depth. Following the sample drive, the soil sample tube was removed from the borehole. Each 4-foot soil section was cut in sections to obtain the 6-inch long samples for laboratory analyses. The ends of the soil sample liners were covered with Teflon™ tape and secured with plastic end caps.

Following completion of sampling activities, soil not intended for laboratory analyses was returned to the borehole it came from and any remaining hole was sealed with grout. The top 4 inches of holes in pavement was sealed with concrete.

Soil Description

Surface soil begins with clays and silts which extend down to depths of about 4' to 10'. Debris soil containing bits of metal, brick, and other solids was observed in borings WB7, WB7b, WB7c, VS5, VS9, and SB58 from depths of about 2' down to about 8'. WB7 is located in located 831 2nd Street near the site's central alley (Fig. 1g). The other debris soil was generally located beneath the storage yard at 833 S. 2nd St. Below the silts and clays are sands and gravels which extend down to depths of as much as 24 feet. Below the sands and gravels are clayey silts which extend to at least 24 feet. Logs of the wells are provided as Attachment A.

Field Quality Assurance/Quality Control (QA/QC)

Sample collection and preservation were done in accordance with EPA Test Methods for Evaluating Solid Waste - Physical/Chemical Methods, SW-846 or other acceptable methods. All samples were labeled and placed in a cooled ice chest (4 deg. C) for transportation to the analytical laboratory. A Chain-of-Custody record initiated by field personnel accompanied the samples to the laboratory.

All down-hole sampling equipment was decontaminated prior to each use. Decontamination consisted of scrubbing in a solution of Alqinox™ detergent, followed by a double rinse in tap water. Rinseate from cleaning operations was mixed with clean water and Portland cement and used to grout sample holes.

Laboratory Analyses

2017 Investigation

Denali delivered all soil samples to McCampbell Analytical, Inc. of Pittsburg, California (McCampbell) for analyses. McCampbell is a California Department of Health Services certified laboratory which selectively analyzed the samples for the following:

- LUFT Metals by Method SW6020
- VOCs by Method 8260B
- TPH Gasoline & Diesel by Method 8015M
- TPH Motor Oil with Silica Gel Cleanup by Method 8015M
- Benzene, Toluene, Ethylbenzene & Xylenes (BTEX) by Method SW8260B
- Ethylene Glycol by Method High Pressure Liquid Chromatography (HPLC)

2020 Investigation

The samples were delivered to Torrent Laboratory Inc. of Milpitas, California (Torrent) for analyses. Torrent is a California Department of Health Services certified laboratory which selectively analyzed the samples for the following:

- Arsenic & LUFT Metals by Method 6010B
- VOCs (Full Scan) by Method 8260B
- TPH Gasoline & Diesel by Method 8015M
- TPH Motor Oil with Silica Gel Cleanup by Method 8015M
- Ethylene Glycol by Method 8015B
- Moisture Content by Method ASTM D2216

Some samples were held at the laboratory for later analyses, if needed.

Laboratory Quality Assurance/Quality Control (QA/QC)

Laboratory QA/QC: Sample analyses were done in accordance EPA Test Methods for Evaluating Solid Waste - Physical/Chemical Methods, SW-846 or other acceptable methods. The services of a State of California Certified Laboratories qualified to perform all analyses requested were employed.

The laboratory data for this investigation have been undergone a QA/QC review. Review of COC documents indicate that all samples were analyzed within prescribed holding times.

Method Blank

Method blanks are internal laboratory samples that are used to assess laboratory QA/QC procedures. Constituents were not detected in any blanks above Practical Quantitation Limits (PQLs), indicating that proper laboratory procedures were followed and that no apparent contamination existed in the glassware or instruments at the laboratory.

Laboratory Control Sample-Laboratory Control Samples Duplicate (LCS/LCSD)

Laboratory Control Samples are evaluated to assess overall method performance and are the primary indicators of laboratory performance. In general, laboratory control samples are similar in composition to the environmental samples, contain known concentrations of the analytes of interest, and undergo the same preparatory and determinative procedures as the environmental samples. LCS/LCSD samples are analyzed to assess accuracy and precision by means of percent recovery and relative percent difference (RPD), respectively. The Percent Recovery and RPD results are used to assess the quality of the current data. In one instance the LCS for toluene exceeded control limits, but since all other control limits were met, the laboratory results were deemed acceptable.

Matrix Spike-Matrix Spike Duplicate

Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples are analyzed to assess accuracy and precision by means of percent recovery (%R) and relative percent difference (RPD), respectively. Percent recovery and RPD results are used to assess the quality of the current data.

In some instances, the laboratory noted that MS/MSD recovery and/or RPD were out of acceptance criteria, however since the associated LCS/LCSD were within both % Recovery and %RPD limits, no corrective action was required.

Surrogates

Surrogates are used to assess the extraction procedure performed on laboratory samples. Each sample is spiked with a known concentration of a surrogate compound that has chemical properties similar to the constituents being analyzed. This surrogate is then recovered following the extraction process. A recovery reported within established laboratory control limits indicates that a normal extraction was executed and that laboratory instruments are performing properly. All the surrogates analyzed during this sampling event were within acceptable ranges. In summary, the results of the QA/QC review indicate that the data set is of acceptable quality, with

acceptable accuracy and precision.

Findings and Discussion

The results of soil sample analyses are summarized in the attached tables and figures. Copies of the original laboratory reports together with analytical quality control data and Chain-of-Custody records are attached (Attachment B).

Regulatory Standards

Environmental Screening Standards

The California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) has established Environmental Screening Levels (ESLs) for many hazardous chemicals, including the metals and organic compounds evaluated in this investigation. According to RWQCB, *"The ESLs are considered to be conservative. Under most circumstances, and within the limitations described, the presence of a chemical in soil, soil gas or groundwater at concentrations below the corresponding ESL can be assumed to not pose a significant, long-term (chronic) threat to human health and the environment. Additional evaluation will generally be necessary at sites where a chemical is present at concentrations above the corresponding ESL."* MJOES has used Residential ESLs for soil as a guide in evaluating the results of laboratory analyses of soil samples collected as part of this investigation.

Results of Soil Analyses

Gasoline

Tables 1 and 4 provide a summary of petroleum hydrocarbon test results, including gasoline. Gasoline was detected at a concentration of 521 mg/Kg in a soil sample from a depth of 20 feet in boring WB1, which is above gasoline's Residential ESL of 430 mg/Kg. Boring WB1 is located beside a suspected UST located at 20 E. Virginia St. (Wheel Works office). Trace concentrations of gasoline were also detected in two other nearby borings (SB48 & SB50, Fig. 1s). These samples were both from a depth of 10 feet.

Diesel

As can be seen in Tables 1 and 4, Diesel was detected at a concentration of 28.7 mg/Kg in a soil sample from a depth of 2 feet in boring WB7, which is below diesel's Residential ESL of 260 mg/Kg. Boring WB7 is located inside the warehouse at 831 S. 2nd St. (Fig. 1s). Diesel was detected at concentrations ranging from 2.48 mg/Kg to 3.64 mg/Kg in soil samples from borings WB1 and WB8. Diesel was not detected in any the other 26 soil samples for which it was analyzed.

Motor Oil

As can be seen in Tables 1 and 4, motor oil was detected in 22 of the 77 soil samples analyzed, at concentrations ranging from 8.5 mg/Kg to 397 mg/Kg. The detected concentrations of motor oil are all well below its Residential ESL of 12,000 mg/Kg and present little, if any, human or environmental health concern.

Ethylene Glycol (Anti-Freeze)

As can be seen in Tables 1 and 4, ethylene glycol was not detected in any of the 77 soil samples for which it was analyzed.

VOCs

In 2016, benzene, toluene, ethyl benzene, total xylenes (BTEX) and other VOCs, were analyzed for in 43 of the soil samples collected. Toluene was detected in 3 of the samples analyzed at concentrations ranging from 0.040 mg/Kg to 0.15 mg/Kg (Table 3). Total xylenes were detected in one of the samples analyzed at a concentration of 0.013 mg/Kg (Table 3). The detected concentrations of toluene and total xylenes are all well below their respective Residential ESLs of 1,100 mg/Kg and 580 mg/Kg, respectively, and present little, if any, human or environmental health concern. No were no other detections of VOCs in the soil samples.

In 2020, the full list VOCs, were analyzed for in 27 of the soil samples collected. No VOCs were detected in any of the soil samples (Table 4).

Arsenic

A recent Master's thesis (Duvergé Dec 2011), and recommended by RWQCB-SF, reports that regional background concentrations of naturally occurring arsenic in the Bay Area occur at a mean of 4.6 mg/Kg with an upper estimate of 11 mg/kg. We have used the background level of 11 mg/Kg as the action level for arsenic.

Arsenic was detected at concentrations of 78.0 mg/Kg, 11.1 mg/Kg. and 12.3 mg/Kg in samples WB7@2, WB7@5, and WB7b@6, respectively, which are in excess of arsenic's background level of 11 mg/Kg (see Table 5). Arsenic was present at concentrations below 11 mg/Kg in the other 24 soil samples analyzed. Arsenic occurs naturally in soil and to our knowledge, arsenic was never used in activities at the site. Borings WB7 and WB7b are located together in the warehouse at 831 S. 2nd St. near the site's alley.

LUFT Metals

In 2016, 36 soil samples from a depth of 2 feet were analyzed for cadmium, chromium, lead, nickel, and zinc (LUFT Metal). Lead was detected at concentrations ranging from 80 mg/Kg to 783 mg/Kg in 12 of the soil samples. The detected concentrations are all above the current Residential ESL for lead of 80 mg/Kg (Table 2). The lead impacted area is located within the former GAI engine storage yard (833 S. 2nd, St, Figure 1s).

In 2020, 36 additional soil samples from depth, 2', 4', 5' and/or 6' were analyzed for LUFT Metals. Nine (9) additional soil samples were collected for lead analyses in order to further define the extent of lead in former GAI areas (833 and 831 S. 2nd St).

Lead

Three (3) of the soil samples contained lead at concentrations above its Residential ESL of 80 mg/Kg. Lead was detected at a concentration of 196 mg/Kg in sample WB7@2 which also contained elevated concentrations of arsenic and nickel (1,850 mg/Kg). Lead was also detected at a concentration of 214.7 mg/Kg in samples WB7b@2. Borings WB7 and WB7b are located in close proximity to one another and are located in soil containing debris, and the detections are above the current Residential ESL for lead of 80 mg/Kg (Table 5).

Lead was detected at a concentration of 498 mg/Kg at a in sample SB57@2 which is located along the boundary of the storage yard (833 S. 2nd St) and the site alley. This indicates that lead-impacted soil extends under the alley.

Soil samples VS4@4, VS5@4, and VS9@4 are from a depth of 4 feet in the lead-impacted area (833 S. 2nd St). Lead was detected at 98.8 mg/Kg, 18.1 mg/Kg, and 16.9 mg/Kg in samples VS4@4, VS5@4, and VS9@4, respectively. This indicates that the depth of lead-impacted soil above 80 mg/Kg (Residential ESL) is about 4 feet.

Nickel

Two (2) of the soil samples contained nickel at concentrations above its Residential ESL of 820 mg/Kg. Nickel was detected at a concentration of 1,400 mg/Kg in sample WB1@5. Boring WB1 is located beside a suspected UST located at 20 E. Virginia St. (Wheel Works office). Nickel was detected at a concentration of 1,850 mg/Kg in sample WB7@2. Sample WB@2 also contained elevated concentrations of arsenic and lead.

2.2 GROUNDWATER INVESTIGATION

Denali/MJOES conducted the groundwater investigation at 838 S. 1st Street, 807, 831 & 833 S. 2nd Street, and 20 E. Virginia Street, San Jose, California (Subject Site), in accordance with the groundwater investigation workplan, dated June 17, 2020. The workplan was reviewed and accepted by County of Santa Clara, Department of Environmental Health (SCDEH).

Eight borings were constructed to a depth of about 2 feet to 4 feet into the first occurrence of groundwater. Borings WB1, WB2, WB5, and WB 8 were converted to temporary wells by inserting 1" diameter screened casing down the borings. Borings WB3, WB4, WB6, and WB7 were completed with a hydro-punch because of collapsing boreholes. Groundwater samples were collected from WB1 thru WB8 (Fig. 1g) using a peristaltic pump, and the samples were analyzed for volatile organic compounds (VOCs), gasoline, diesel, and motor oil.

Deviations from Workplan

Use of Hydro-Punch - The workplan called for the use of temporary wells with 1" diameter screened casings. However, four of the boreholes (WB3, 4, 6 & 7) collapsed during drilling so that well casings could not be installed. In order to obtain groundwater samples, the boreholes were completed using a hydro-punch. Since no soil is retrieved with a hydro-punch, logging of the boring could not be completed after the hydro-punch was employed.

Low-Flow Sampling - SCDEH requested that low-flow sampling methods be employed for groundwater sampling. Temporary wells WB1 thru WB4 and WB6 thru WB8 were successfully sampled using low-flow techniques. However, because of low groundwater production during purging (well repeatedly went dry), samples from temporary well WB-5 were obtained without completing purging.

Background

The Site consists of 7 buildings located on 6 parcels of land. The attached Figure 1g shows the project areas outlined in "red" and surrounding areas. The total acreage of all addresses is approximately 1 acre or 45,000 square foot (sqft). The total parcel of land is nearly rectangular with a 25-foot wide city-owned alley running down the middle. Remaining areas of the site are paved or landscaped.

Soil investigation completed in 2017 identified lead contamination in shallow soil beneath paving at 831 and 833 S. 2nd Street. Soil and soil vapor investigation are being completed by MJOES and will be reported under separate cover.

Purpose

The purpose of groundwater testing is to determine if volatile organic compounds (VOCs) and petroleum products are present in groundwater at concentrations that could present a risk of indoor vapor intrusion to the planned development.

Field Activities

- a. Health and Safety - Job and Site-Specific Health & Safety guidance was prepared and implemented for the field portion of the investigation.
- b. Utility Location - The services of Underground Service Alert (USA) and a professional locator were employed to locate underground utilities prior to drilling so as to avoid damage to utilities and to ensure safety while drilling. No utilities were encountered or damaged during drilling.
- c. Constructed four (4) soil borings (WB1, WB2, WB5, and WB8) to a depth of about 4 feet into the first occurrence of groundwater and converted them to temporary groundwater wells with 1" diameter screened casings. Groundwater at the subject occurred at a depth of about 16 feet.

Four of the boreholes (WB3, 4, 6 & 7) collapsed during drilling so that well casings could not be installed. In order to obtain groundwater samples, the boreholes were completed using a hydro-punch. Since no soil is retrieved with a hydro-punch, logging of the boring could not be completed after the hydro-punch was employed.

d. Obtained groundwater samples from each sampling location and preserve the samples in accordance with SW-846. SCDEH requested that low-flow sampling methods be employed for groundwater sampling. Temporary wells WB1 thru WB4 and WB6 thru WM8 were successfully sampled using low-flow techniques. However, because of low groundwater production during purging (well repeatedly went dry), samples from temporary well WB-5 were obtained without completing purging.

e. Following sampling, the temporary wells or hydropunch were removed and the holes sealed with cement grout by tremie. The boreholes were sealed the same day they were drilled, and groundwater samples were obtained.

f. Excess soil and groundwater was stored in a labeled container and stored in a secure area at the site for disposal pending analytical results.

Laboratory Analysis

All groundwater samples were analyzed for Petroleum Products and VOCs by:

- a. Method 8015B (Diesel & Motor Oil)
- b. Method 8260TPH (Gasoline)
- c. Method 8260B (Full List VOCs)

Temporary Well Construction

Temporary wells were constructed by inserting clean 1-inch diameter well casing into a 2-inch diameter soil boring. The tops of the screened section were set approximately 1 foot above the surface of groundwater so that samples could include floating contaminants, if any. Details of well construction are provided in Attachment A.

Hydro-Punch

In cases where it was not possible to construct a temporary well, a hydro-punch sampling tool was used to obtain groundwater samples. The hydro-punch was driven to the desired sampling depth while in the closed position to prevent soil or water from entering the tool. As the tool was advanced, it remained in the closed position, which prevented soil or groundwater from entering the hydro-punch. Once the desired sampling depth was reached, the tool was opened to the water bearing zone by pulling up the drive pipe approximately 1.5 feet which allowed water to flow through an inner screen where it was sampled with a peristaltic pump and tubing inserted through the drive pipe. By advancing the hydro-punch a few feet at time and checking for the presence of groundwater each time, it was possible to find and sample the first occurrence of groundwater without the borehole collapsing. Depth of hydro-punch placement are provided in Attachment A.

Soil Description

According to boring logs of the vapor probe installations (Attachment A), surface soil begins with clays and silts which extend down to depths of about 4' to 10'. Debris soil containing bits of metal, brick, and other solids was observed in boring WB7 from a depth of about 2' down to about 8'. WB7 is located in located 831 2nd Street near the site's central alley (Fig. 1g). Below the silts and clays are sands and gravels which extend down to depths of as much as 24 feet. Below the sands and gravels are clayey silts which extend to at least 24 feet. Logs of the wells are provided as the Appendix.

Groundwater Sampling

The evacuation (purging) of stagnant well water prior to sampling of the wells was performed using a low-flow (e.g., 0.1-0.5 L/min) peristaltic pump equipped with silicon and polyethylene tubing. The intake for the pump tubing was lowered to a depth equal to the middle of the well or hydropunch screened interval. The pump was started and adjusted to a flow of approximately 0.25 L/m. The pump discharge was directed to a measurement cell where probes for temperature, pH, specific conductance, and dissolved oxygen were measured. These parameters were measured every few minutes until they stabilized. The parameters are considered stabilized when three successive readings are within ± 0.1 for pH, $\pm 3\%$ for conductivity, $\pm 10\%$ for dissolved oxygen. The results and measuring equipment used are entered in the field log sheets (Attachment B).

After stabilization is achieved, groundwater samples were collected from the pump discharge line directly into containers prepared by the laboratory for the analyses being performed. Sample agitation and contact with atmosphere was kept to a minimum. Clean gloves were worn by sampling personnel for each sample obtained.

Waste Disposal

All excess soil was sealed in a 55-gallon drum and stored at the site pending laboratory results. The minor amount of groundwater generated was also placed in the drum. These materials will be disposed once laboratory analyses are complete, and suitable waste disposal arrangements are made.

Field Quality Assurance/Quality Control (QA/QC)

Sample collection and preservation were done in accordance with EPA Test Methods for Evaluating Solid Waste - Physical/Chemical Methods, SW-846 or other acceptable methods. All samples were labeled and placed in a cooled ice chest (4 deg. C) for transportation to the analytical laboratory. A Chain-of-Custody record initiated by field personnel accompanied the samples to the laboratory.

All down-hole sampling equipment was decontaminated prior to each use. Decontamination consisted of scrubbing in a solution of AlqinoxTM detergent, followed by a double rinse in tap water. Rinseate from cleaning operations was mixed with clean water and Portland cement and used to grout sample holes.

Laboratory Analyses

MJOES delivered all soil and groundwater samples to Torrent Laboratory Inc. of Milpitas, California (Torrent) for analyses. Torrent is a California Department of Health Services certified laboratory which analyzed the samples as follows:

Laboratory QA/QC

The laboratory data for this investigation have been subjected to a QA/QC review. Review of Chain-of-Custody documents indicate that all samples were analyzed within prescribed holding times. The results of the laboratory QA/QC review indicate that the data set is of acceptable quality, with acceptable accuracy and precision. Chain-of-Custody and QA/QC documents are provided with the attached laboratory reports.

Findings and Discussion

The results of groundwater sample analyses are summarized in Table 1g, and boring locations are depicted in Figure 1g. Copies of the original laboratory reports together with analytical quality control data and Chain-of-Custody records are attached (Attachment C).

Results of Analyses

The California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) has established Environmental Screening Levels (ESLs) for many hazardous chemicals, including the metals and organic compounds evaluated in this investigation. According to RWQCB, *"The ESLs are considered to be conservative. Under most circumstances, and within the limitations described, the presence of a chemical in soil, soil gas or groundwater at concentrations below the corresponding ESL can be assumed to not pose a significant, long-term (chronic) threat to human health and the environment. Additional evaluation will generally be necessary at sites where a chemical is present at concentrations above the corresponding ESL."* We have used the Residential groundwater ESLs for Vapor Intrusion as a guide in evaluating the results of laboratory analyses of groundwater samples collected as part of this investigation. ESLs for Direct Exposure, Aquatic Habitat, Gross Contamination, and Odor/Nuisance were not judged as appropriate to the project.

VOCs

Tetrachlorethene (PCE) was detected in the groundwater sample from WB3 at a concentration of 4.0 ug/L. This concentration is well above PCE's Residential ESL of 0.64 ug/L. Naphthalene was detected in the groundwater sample from WB1 at a concentration of 12 ug/L. This concentration is well above naphthalene's Residential ESL of 0.19 ug/L. PCE and naphthalene were not detected in any of the other groundwater samples.

Nine other VOCs were detected in one or more of the groundwater samples, but at concentrations below available Residential ESL's (Table 1g).

Petroleum

Gasoline was detected in samples from wells WB1 and WB2 at 8.74 mg/L and 0.86 mg/L, respectively. Diesel was detected in samples from wells WB1, WB2, WB4, and WB6 at 0.204 mg/L, 0.139 mg/L, 0.116 mg/L, and 0.132 mg/L, respectively. There are no Residential Groundwater ESL's for gasoline or diesel based on vapor intrusion risk.

Motor oil was not detected in the groundwater samples.

2.3 SOIL VAPOR INVESTIGATION

Denali/MJOES conducted the soil vapor testing at 838 S. 1st Street, 807, 831 & 833 S. 2nd Street, and 20 E. Virginia Street, San Jose, California (Subject Site), in accordance with the soil vapor investigation workplan dated June 18, 2020. The workplan was reviewed and accepted by County of Santa Clara, Department of Environmental Health (SCDEH).

Ten 5-foot deep, five 12-foot deep, and one 9.5-foot deep vapor probes were installed at the site (Fig. 1v). All probes were sampled by the helium shroud method. All samples were analyzed for volatile organic compounds (VOCs), helium, and the permanent (fixed) gases, O₂, CO₂, and MH₄.

Deviations from Workplan

The 9.5-foot vapor probe (VS6, Fig. 1v) was supposed to be 12 feet deep, but drilling refusal only allowed the probe to be set at a depth of 9.5 feet.

Our workplan called for a field duplicate sample to be collected from one of the soil gas sample locations. Because of leaking fitting issues with two of the field canister, both the spare and duplicate canisters were used for regular sampling and no duplicate sample was obtained.

Background

The Subject Site consists of 7 buildings located on 6 parcels of land. The attached Figure 1v shows the project areas outlined in "red" and surrounding areas. The total acreage of all addresses is approximately 1 acre or 45,000 square foot (sqft). The total parcel of land is nearly rectangular with a 25-foot wide city-owned alley running down the middle. Remaining areas of the site are paved or landscaped.

The soil investigation completed in 2017 identified lead contamination in shallow soil beneath paving at 831 and 833 S. 2nd Street. The soil and groundwater investigation is covered in Sections 2.1 and 2.2 above.

Purpose

The purpose of soil gas testing is to determine if concentrations of volatile organic compounds (VOCs) are present in vapor soil at concentrations that could present a risk of indoor vapor intrusion to the planned development.

Summary of Proposed Work

- a. Health and Safety - Job and Site-Specific Health & Safety guidance was prepared and implemented for the field portion of the investigation.
- b. Utility Location - The services of Underground Service Alert (USA) and a professional locator were employed to locate underground utilities prior to drilling to avoid damage to utilities and to ensure safety while drilling. No utilities were encountered or damaged during drilling.
- c. Soil Vapor Probes - Vapor probes at a depth of 5 feet (5-foot) were constructed at locations VS1 through VS10 as shown in Figure 1v. Vapor probes at a depth of 12 feet (12-foot) were constructed at locations VS1, VS2, VS3, VS7, and VS9 (Fig. 1v). A 12-foot vapor probe was supposed to be constructed at location VS6 (Fig. 1v), however, drilling refusal only allowed the probe to be set at a depth of 9.5 feet.
- d. Soil Vapor Sampling - All probes were sampled by the helium shroud method. Additional description of vapor probe description is provided below.
- e. Laboratory Analyses - All samples were analyzed for volatile organic compounds (VOCs), helium, and the permanent (fixed) gases, O₂, CO₂, and CH₄. Additional description of laboratory analyses is provided below.

Probe Installation

A California Professional Geologist (PG) supervised the drilling of the soil borings and construction of the vapor probes. Hydraulic push Geoprobe rigs fitted with 2.25-inch diameter rods were used to construct vapor probe boreholes. A depth of 12 feet was chosen at the depth for installation of the deeper probes based on the depth to groundwater which occurred at a depth of about 16 feet.

RWQCB recommends the use of California Department of Toxic Substances Control's (DTSC's) *Advisory Active Soil Gas Investigations, VOC Source California Environmental Protection Agency, July 2015 and Guidance for the Evaluation and Mitigation Of Subsurface Vapor Intrusion to Indoor Air, October 2011*. The description of probe installation and sampling methods provided below meets the requirements of those documents.

A vapor point was installed in each borehole by placing approximately 4 inches of sand at the bottom of the borehole using a tremie pipe, then an expendable vapor tip with a screen affixed to 0.25-inch Teflon™ tubing and inserted to the sand. Additional sand was placed via a tremie (if necessary) to create an approximately 8-inch thick sand pack interval above the vapor tip. This created a 12-inch sand pack with the probe tip located in the middle. A foot of dry granular bentonite was placed over the sand and neat-cement was added to the surface. The neat cement seal was created by mixing cement with water and then pouring it down the borehole through a tremie pipe. The Teflon™ tubing was labeled to identify the depth of placement and capped. The vapor points were protected from tampering during equilibration by the addition of small traffic-rated ground surface covers.

12-foot deep vapor probes were installed at locations VS1, VS2, and VS3 in the same boreholes as the 5-foot probes using nested construction techniques. 12-foot vapor probes were constructed beside the 5-foot vapor probes at locations VS6 and VS9 at the request of SCDEH.

Soil Description

According to boring logs of the vapor probe installations (Attachment A), surface soil begins with clays and silts which extend down to depths of about 2' to 6'. Debris soil containing bits of metal, brick, and other solids was observed in borings VS4, 5 & 9 located at 831 and 833 S. 2nd street. Below the silts and clays are sands and gravels which extend down to depths of as much as 12 feet. Below the sands and gravels are clayey silts which extend to the depth of boring (12 feet).

Rain Events

The weather had been clear and dry during week prior to sampling of the vapor probes and so there was no issue with rain-saturated ground influencing vapor sampling.

Sampling Methods

The tubing emanating from the vapor point was sealed during the time needed for the probe to reach equilibrium with surrounding soil. Based on the lithology of the area (clay, silt, sand, gravel), each probe was allowed to equilibrate for approximately two (2) hours before sampling.

Helium Shroud Sampling Setup

Tubing from a vapor probe was placed through a hole in the bottom of a sampling shroud. The sampling cannister, control manifold, and pressure gauges were connected inside the shroud. The shroud was then sealed and flooded with helium at low pressure. Clean laboratory prepared sampling canisters, control manifolds, and pressure gauges were used for each sample obtained. Copies of the Soil Vapor Sampling Logs for each sample are provided as Attachment B.

Shut-In Test

A one (1) minute minimum vacuum shut-in test was performed on the manifold and connections by opening and closing the 1-liter purge canister valve to create a vacuum on the vacuum gauge. The sample shut-off valve on the downhole side of the sampling manifold remained in the closed position. When a gauge vacuum was maintained for one (1) minute without any noticeable decrease (less than 0.5 inches of water) the test was considered successful. If the shut-in test failed, the fittings were adjusted or replaced and a new test performed. This was done until a successful test was completed.

Borehole Test

The integrity of the borehole seal was tested by drawing 60 ml of vapor from the vapor probe and then injecting it into the Helium meter. Any detectable Helium would indicate the surface seal was leaking and require construction of a new probe. The 60 ml test was repeated three times for each probe with a reading of 0.0% Helium before purging of a probe began.

Vapor Probe Purge

Purge volumes of vapor were removed with a 6-liter summa canister and a 150 mL/min flow regulator. The down hole shut-off valve was opened and approximately three pore volumes was removed using the purging summa. Calculations for the designed wells, including tubing diameter, dry granular bentonite, and sand layer, show that three purge volume equals approximately 1,800 milliliters in a 5-foot vapor probe and 1,900 ml in a 12-foot vapor probe. At a flow rate of 150 mL/min it took 12 minutes to purge the 5-foot probe and about 13 minutes to purge a 12-foot probe.

Vapor Probe Sampling

After purging, collection of soil vapor samples was done by opening the downhole valve and the valve to the sampling summa canister. The valve for the purge cannister remained in the off position during sampling. Sampling continued until the vacuum gauge indicated approximately five (5) inches of Hg (68 inches of water) remaining. This took approximately 6 minutes for a 1-liter canister equipped with a 150 milliliter-per-minute flow regulator).

Field Duplicate

The workplan called for a field duplicate sample to be collected from one of the soil gas sample locations. Because of leaking fitting issues with two of the field cannister, both the spare and duplicate canisters were used for regular sampling and no duplicate sample was obtained.

Laboratory Analyses

The soil vapor samples were transported under Chain-of-Custody to McCampbell Analytical, Inc. (McCampbell). McCampbell is a California Department of Health Services certified laboratory which analyzed the samples as follows:

- VOCs by Method TO15
- Helium, Oxygen, Carbon Dioxide & Methane by Method ASTM D 1946-90 Quality Assurance/Quality Control (QA/QC)

Soil gas samples were sealed and delivered to the laboratory in summa canisters. Chain-of-Custody records were initiated by field personnel and accompanied the samples to the analytical laboratory.

Field QA/QC (Leak Detection)

Helium was used a leak detection compound during sampling by analyzing the vapor samples for Helium at the laboratory. A leak of less than 5% Helium into a vapor sample is considered an acceptable leak as specified in DTSC soil gas sampling guidelines. All samples contained Helium at concentrations of <0.65 %, which is well below DTSC guidelines.

Laboratory QA/QC

The laboratory data for this investigation have been subjected to a QA/QC review. Review of Chain-of-Custody documents indicate that all soil gas samples were analyzed within prescribed holding times.

Method Blank

Method blanks are internal laboratory samples that are used to assess laboratory QA/QC procedures. The Method Blanks were found to contain trace concentrations of carbon dioxide and tetrachloroethene. The detected concentrations were judged too low to affect the results of analyses. Report is provided in Attachment C.

Laboratory Control Sample-Laboratory Control Samples Duplicate (LCS/LCSD)

Laboratory Control Samples are evaluated to assess overall method performance and are the primary indicators of laboratory performance. In general, laboratory control samples are similar in composition to the environmental samples, contain known concentrations of the analytes of interest, and undergo the same preparatory and determinative procedures as the environmental samples. LCS/LCSD samples are analyzed to assess accuracy and precision by means of percent recovery and relative percent difference (RPD), respectively. The Percent Recovery and RPD results are used to assess the quality of the current data. The methane result in the control samples is less than the RL/ML but greater than the MDL and that the analytical results are estimated.

In summary, the results of the QA/QC review indicate that the data set is of acceptable quality, with acceptable accuracy and precision.

Findings

The results of laboratory analyses are summarized in Table 1v, and the sampling locations are depicted in Figure 1v. Copies of the original laboratory reports together with analytical quality control data and Chain-of-Custody records are provided in Attachment C.

Regulatory Screening Standards

ESLs and VISLs are conservative health-based criteria established by regulatory agencies to identify chemicals that may require additional investigation and evaluation when performing site assessments. ESLs and VISLs are not regulatory standards and therefore, not enforceable. MJOES initially compared the results to the California ESLs, and then to the VISLs when further evaluation was needed.

Environmental Screen Levels (ESLs)

The California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) has established Environmental Screening Levels (ESLs) for many hazardous chemicals, including the volatile organic compounds evaluated in this investigation. According to RWQCB, the ESLs are considered to be conservative. Under most circumstances, and within the limitations described, the presence of a chemical in vapor at concentrations below the corresponding ESL can be assumed to not pose a significant, long-term (chronic) threat to human health and the environment. Additional evaluation will generally be necessary at sites where a chemical is present at concentrations above the corresponding ESL. The Residential ESLs were used as a guide in evaluating the results of laboratory analyses of vapor samples collected as part of this investigation.

Vapor Intrusion Screen Levels (VISLs)

VISLs are screening level concentrations for groundwater, soil gas and indoor air. VISLs are based on US EPA regional screening levels (RSLs). According to EPA, RSLs are risk-based concentrations derived from standardized equations combining exposure information assumptions with EPA toxicity data. RSLs are considered by EPA to be protective for humans (including sensitive groups) over a lifetime; however, RSLs are not always applicable to a particular site and do not address nonhuman health endpoints, such as ecological impacts. The RSLs are generic and they are calculated without site-specific information.

Generally, where contaminant concentrations fall below RSLs, no further action or study is warranted under the EPA's Superfund program, so long as the exposure assumptions at a site match those taken into account by the RSL calculations. Chemical concentrations above the RSL would not automatically designate a site as "dirty" or trigger a response action; however, exceeding a RSL suggests that further evaluation of the potential risks by site contaminants is appropriate. RSLs are available with a Hazard Quotient (HQ) of one (1) and 0.1.

MJOES has chosen to use VISLs based on RSLs with an HQ of 1 because they are most appropriate to the site. MJOES has used Residential VISLs as a guide in evaluating the results of laboratory analyses of soil vapor samples collected as part of this investigation when an ESL

for a given compound was not established or when an ESL was exceeded. In some cases, neither an ESL nor VISL was available for a given compound.

Laboratory Results

Table 1v summarizes the results of VOC testing of soil vapor samples compared to available Residential ESLs and Residential VISL.

Tetrachloroethene (PCE)

Tetrachloroethene (PCE) was present in five of the 5-foot deep samples and three of the six 12-foot deep samples. Samples VS3-5, VS6-5, VS7 -5, and VS7-12 contained PCE at concentrations less than an order of magnitude in excess of PCE's Residential ESL of 15 ug/m³ (Table 1v). The highest detected concentration of PCE was in a 12-foot deep sample (VS7@12) which contained PCE at 95 ug/m³ (Table 1v). The source of PCE at the site is not known.

Figure 1v shows the locations PCE detections at the site and provides an estimated extent of PCE in soil gas on the site. From the drawing, it appears that PCE is entering the subject site from S. 1st Street and migrating northward with the flow of groundwater, toward the intersection of Virginia and S. 2nd streets. Historical records show that there was a cleaner known as "Payless (Thrifty) Cleaners" located at 817 S. 1st Street (Fig. 1v) in the late 1960s and early 1970s. That site is a potential source of PCE which was used in dry-cleaning.

Benzene

Benzene was present in two of the 12-foot deep samples at concentrations slightly above benzene's residential ESL of 3.2 ug/m³. However, it was not present in any of the 5-foot deep samples. Benzene is a common component of gasoline, but none of benzene detections was near either of the site's former underground storage tanks. A former Regal Station at 827 S. 1st Street (Fig. 1v) is currently undergoing remediation for fuel releases. That site is a potential source of Benzene on the subject site.

1,2-Dibromo-3-chloropropane (DBCP)

1,2-Dibromo-3-chloropropane (DBCP) was detected in one 12-foot sample at a concentration of 1.7 ug/m³, which is above DBCP's Residential ESL of 0.0056 ug/m³. DBCP was not detected in any of the 5-foot samples, however, the laboratory detection limit for DBCP is 0.12 ug/m³ which itself is above DBCP's Residential ESL. DBCP is a soil fumigant that was banned from use in 1979 by the United States Environmental Protection Agency (EPA).

Naphthalene

Naphthalene was present in one 5-foot sample (VS1) from beside the former UST near E. Virginia St. It was also detected in one 12-foot deep sample (VS9) at a concentration slightly above naphthalene's residential ESL of 2.8 ug/m³ (Table 1v). However, it was not present in any of the 5-foot deep samples. Naphthalene is a common component of gasoline, and the highest concentration was from 5-foot sample taken near one the site's former underground storage tanks.

1,2,4-Trichlorobenzene

1,2,4-Trichlorobenzene was detected at 320 ug/m³ in sample VS5-5 from a 5-foot depth. This concentration is well above 1,2,4-Trichlorobenzene's Residential ESL of 70 ug/m³. 1,2,4-Trichlorobenzene was not detected in any of the other samples. 1,2,4-Trichlorobenzene can be derived from benzene and is used as a dye carrier, insecticide, lubricant, and solvent. Its source at the site is not known.

3.0 CONCLUSIONS & RECOMMENDATIONS

The conclusions and recommendations for each investigation for soils, groundwater, and soil vapor are presented sequentially below.

3.1 SOIL INVESTIGATION

Conclusions

There is metal and arsenic contamination beneath the former GAI warehouse (831 S. 2nd St) and storage yard (833 S. 2nd St) extends under the former Wheel Works service bays. The approximate extent of lead-impacted soil is shown Figure 1s. The defined area appears to extend to a depth of about 4 feet, but it may be as deep as 6 feet in some areas. The lead-impacted soil also includes debris soil and soil with elevated levels of arsenic, and nickel.

Other contamination is associated with site's suspected UST adjacent to the former Wheel Works' offices (Fig. 1s).

Recommendations

1. Remove soil containing elevated concentrations of lead that includes arsenic, and nickel and particulate debris. The depth of removal appears to about 4 feet, but it may be as deep as 6 feet in some areas.
2. Excavate both UST areas and remove any soil contamination issues related to the tanks.

3.2 GROUNDWATER INVESTIGATION

Conclusions

Groundwater and Vapor Intrusion

Concentrations of PCE and naphthalene present in groundwater samples from WB1 and WB3, respectively, may pose a vapor intrusion threat to future residential occupants unless mitigated.

Sources of Contaminates in Groundwater

At well WB1 - Naphthalene, 7 other VOCs, gasoline and diesel were detected in groundwater sample WB1 (Table 1g). WB1 is located beside a suspected UST at 20 E. Virginia Street (Figure 1g). An UST is known to have been located at this location, but it isn't clear that the tank was removed, hence it is referred to as "suspected." The detected VOCs are mostly related to petroleum products and samples from a vapor probe (VS1) located beside this UST location also contained naphthalene and other petroleum related contaminants. It appears that leakage from this UST is a likely source of the petroleum products and VOCs detected here.

At well WB2 - Gasoline, diesel, isopropyl benzene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene were detected at concentrations below Residential ESLs in groundwater sample WB2. No other contaminants were detected in the groundwater sample from WB2. The location of WB2 is a small parking area adjacent to S. 1st St. and on the up-gradient (with respect groundwater flow) side of the subject site. This location offers no likely onsite source for the petroleum contaminants detected there. However, this location is down-gradient of a former Regal Station at 827 S. 1st Street (Fig. 1g) that is currently undergoing remediation for fuel releases. That site is a potential source of contaminants found at WB2.

At well WB3 - PCE was detected at a concentration above its Residential ESL in the groundwater sample from WB3. PCE was also detected vapor probes and appears to be migrating northward across the subject site. WB3 is located inside 838 S. 1st St. and is across the street from a suspected former dry cleaner (Fig 1g). Historical records show that a cleaner known as "Payless (Thrifty) Cleaners" was located at 817 S. 1st Street (Fig. 1v) in the late 1960s and early 1970s. That site is a potential source of PCE which was potentially used in dry-cleaning.

Contaminant detections in groundwater samples from WB4, WB5, and WB6, are minor and not of health or environmental concern. No contaminants were detected in the groundwater samples from WB7 and WB8.

Potential Cleanup

It is possible, albeit unlikely, that an agency could require groundwater remediation to lessen the concentrations of PCE and naphthalene at the subject site. We believe it unlikely given the that only one detection of PCE (WB3) and naphthalene (WB1) occurred. The naphthalene issue is likely related to the suspected tank beside WB1 (Fig. 1g) and will be addressed during planned excavation of the suspected tank area. The concentration of PCE detected in the groundwater sample from WB3 appears to be from an off-site source.

3.3 SOIL VAPOR INVESTIGATION

Conclusions

The results of soil vapor testing report herein show that VOCs are present in soil vapor at concentrations above Residential ESLs and that those VOCs may present a threat to future residential occupants unless mitigated. The primary VOC is PCE, but benzene, 1,2-Dibromo-3-chloropropane (DBCP), Naphthalene, and 1,2,4-Trichlorobenzene were also detected above Residential ESLs.

Recommendations

Vapor Intrusion Mitigation - The development design of the site includes commercial and parking areas on the ground level and residential units beginning on the second floor. This basic design will act as a mitigation against current or future vapor intrusion into residential units, although some modification of the design may be needed to augment air circulation from the garage to the outside.

The limited commercial units, as planned, appear to have a footprint that measure 40 feet by 115 feet. As a measure of caution, we recommend installing horizontal vent piping and/or a contaminant vapor barrier beneath the foundation during construction. The vent pipe should be stubbed at two locations outside the building. A venting system can be completed if vapor intrusion becomes an issue in the future. The same may be done for the proposed ground floor lobby.

Limitations

It would be extremely expensive, and perhaps not possible, to conduct testing that would ensure the detection of all materials at the Site which are now, or may in the future, be considered hazardous. It is Denali's and MJOES' understanding that the scope of services conducted is a limited one, and therefore, we cannot be held responsible for the failure of this investigation to detect the presence or quantity of all such materials.

END

FIGURES



LEGEND

VS1 ■ Approximate location of soil vapor boring VS1.

WB1 ◆ Approximate location of temporary well boring WB1.

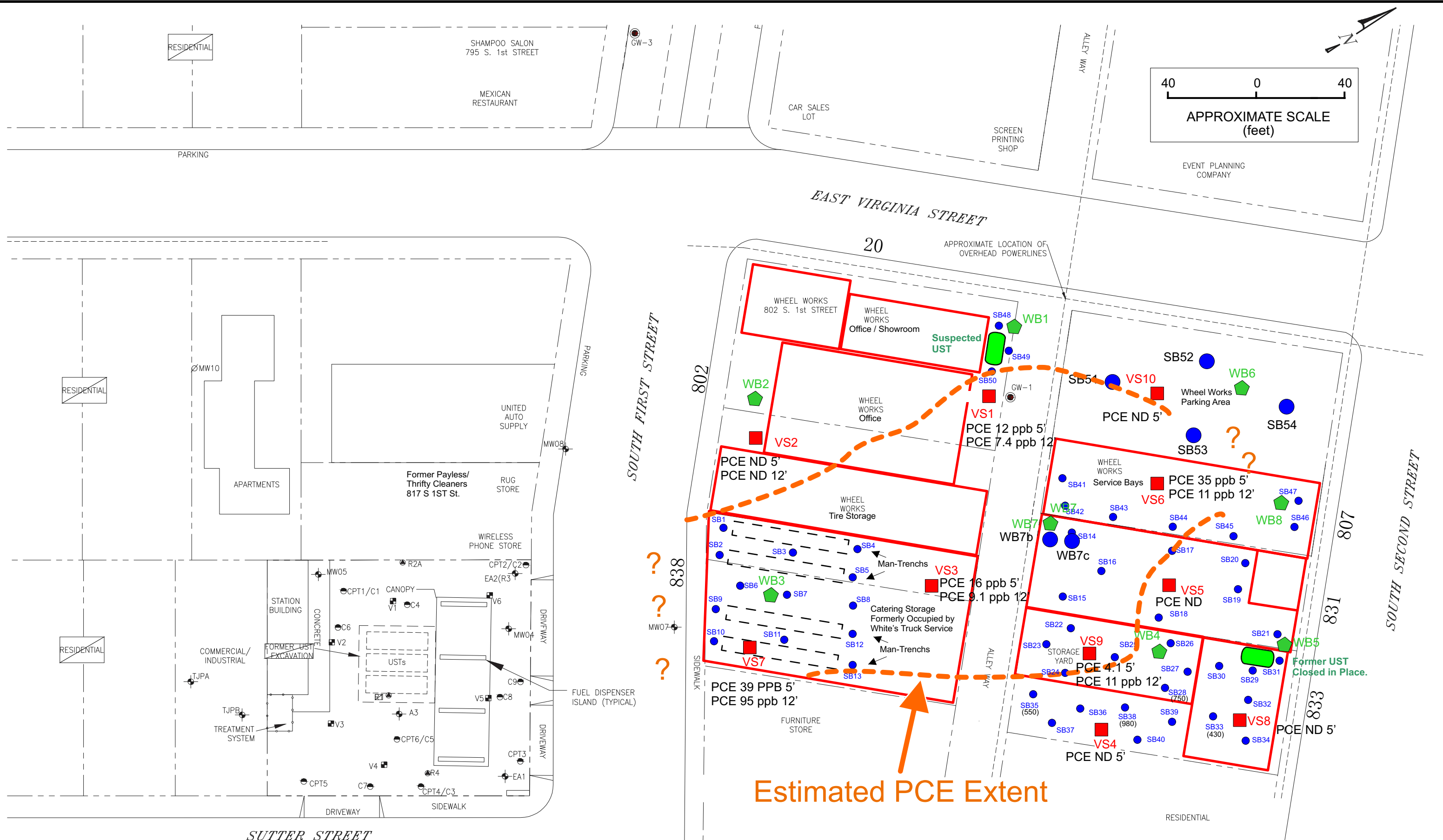
SB1 ● Approximate location of soil boring SB1.

Debris - Debris Soil Present in soil samples. (498) - Lead in soil at 498 mg/Kg.

Project No. OL072-6.4	1st & 2nd at Virginia Streets San Jose, California	DEBRIS AND LEAD-IMPACTED SOIL	Figure 1s
10-13-20			
MJO <i>Earthscience Services Inc.</i>			

Basemap from WEGE, Assessor's Parcel Maps & Aerial Photos





Project No. OL072-6.3	1st & 2nd at Virginia Streets San Jose, California
10-09-20	
MJO Earthscience Services Inc.	

**PCE RESULTS
SOIL VAPOR PROBES**

**Figure
1v**

Basemap from WEGE, Assessor's Parcel Maps & Aerial Photos

TABLES

TABLES SOILS INVESTIGATION

TABLE 1

Summary of Soil Sample Analyses
 2016 Data Converted to Dry-Weight
 1st and 2nd Streets at E. Virginia Street
 San Jose, California
 Samples Obtained Dec. 29 & 30, 2016

Sample ID	Depth (Feet)	Date	Sample Description	Gasoline mg/Kg	Diesel mg/Kg	Motor Oil mg/Kg	Ethylene Glycol	VOCs	BTEX	LUFT Metals	Moisture Content %	Moisture Reference
Residential ESL ^a				430 NC	260 NC	12,000 NC	none					
SB1@10	10	12-30	838 1 st St. Beside Former Man-Trench	-	-	ND	ND	-	-	-	-	
SB2@10	10	12-30	838 1 st St. Beside Former Man-Trench	-	-	ND	ND	-	-	-	-	
SB3@10	10	12-30	838 1 st St. Beside Former Man-Trench	-	-	ND	ND	-	-	-	-	
SB4@10	10	12-29	838 1 st St. Beside Former Man-Trench	-	-	ND	ND	-	-	-	-	
SB5@10	10	12-29	838 1 st St. Beside Former Man-Trench	-	-	ND	ND	-	-	-	-	
SB6@2	2	12-29	838 1 st St. Beside Former Man-Trench	-	-	13	ND	All ND	-	-	8.16	WB3@5
SB7@2	2	12-29	838 1 st St. Beside Former Man-Trench	-	-	ND	ND	All ND	-	-	-	
SB7@10	10	12-29	838 1 st St. Beside Former Man-Trench	-	-	13	ND	-	-	-	8.16	WB3@5
SB8@2	2	12-29	838 1 st St. Beside Former Man-Trench	-	-	9.2	ND	All ND	-	-	8.16	WB3@5
SB9@10	10	12-30	838 1 st St. Beside Former Man-Trench	-	-	ND	ND	-	-	-	-	
SB10@10	10	12-30	838 1 st St. Beside Former Man-Trench	-	-	ND	ND	-	-	-	-	
SB11@10	10	12-30	838 1 st St. Beside Former Man-Trench	-	-	ND	ND	-	-	See Table 2	8.16	WB3@5
SB12@10	10	12-29	838 1 st St. Beside Former Man-Trench	-	-	ND	ND	-	-	See Table 2	8.16	WB3@5
SB13@10	10	12-29	838 1 st St. Beside Former Man-Trench	-	-	ND	ND	-	-	See Table 2	8.16	WB3@5
SB14@2	2	12-30	831 2 nd St. Former Golden City Site	-	-	ND	ND	All ND	-	See Table 2	11.2	WB7c@2
SB15@2	2	12-30	831 2 nd St. Former Golden City Site	-	-	17	ND	All ND	-	See Table 2	16.1	SB55@2
SB16@2	2	12-30	831 2 nd St. Former Golden City Site	-	-	ND	ND	All ND	-	See Table 2	11.2	WB7c@2
SB17@2	2	12-30	831 2 nd St. Former Golden City Site	-	-	30	ND	All ND	-	See Table 2	7.65	VS5@4
SB18@2	2	12-30	831 2 nd St. Former Golden City Site	-	-	10.3	ND	All ND	-	See Table 2	4.39	WB4@2
SB19@2	2	12-30	831 2 nd St. Former Golden City Site	-	-	ND	ND	All ND	-	See Table 2	6.5	VS5@4
SB20@2	2	12-30	831 2 nd St. Former Golden City Site	-	-	ND	ND	All ND	-	See Table 2	6.5	VS5@4
SB21@2	2	12-30	831 2 nd St. Golden City Site UST	-	-	ND	ND	See Table 3	-	See Table 2	7.89	WB5@2
SB21@10	10	12-30	831 2 nd St. Golden City Site UST	ND	ND	-	-	-	All ND	-	-	
SB22@2	2	12-29	833 2 nd St. Golden City Storage	-	-	83	ND	All ND	-	See Table 2	7.15	VS9@4
SB23@2	2	12-29	833 2 nd St. Golden City Storage	-	-	19	ND	All ND	-	See Table 2	7.15	VS9@4
SB24@2	2	12-29	833 2 nd St. Golden City Storage	-	-	18	ND	All ND	-	See Table 2	7.15	VS9@4

TABLE 1 (continued)

Summary of Soil Sample Analyses
 2016 Data Converted to Dry-Weight
 1st and 2nd Streets at E. Virginia Street
 San Jose, California
 Samples Obtained Dec. 29 & 30, 2016

Sample ID	Depth (Feet)	Date	Sample Description	Gasoline mg/Kg	Diesel mg/Kg	Motor Oil mg/Kg	Ethylene Glycol	VOCs	BTEX	LUFT Metals	Moisture Content %	Moisture Reference
Residential ESL ^a				430 NC	260 NC	12,000 NC	none					
SB25@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	150	ND	All ND	-	See Table 2	7.15	VS9@4
SB26@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	31	ND	All ND	-	See Table 2	4.39	WB4@2
SB27@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	86	ND	See Table 3	-	See Table 2	4.39	WB4@2
SB28@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	219	ND	See Table 3	-	See Table 2	4.39	WB4@2
SB29@2	2	12-29	833 ^{2nd} St. Golden City UST	-	-	24	ND	All ND	-	See Table 2	7.89	WB5@2
SB29@10	10	12-30	833 ^{2nd} St. Golden City UST	ND	ND	-	-	-	All ND	-	-	
SB30@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	ND	ND	All ND	-	See Table 2	7.89	WB5@2
SB31@2	2	12-29	833 ^{2nd} St. Golden City UST	-	-	ND	ND	All ND	-	See Table 2	7.89	WB5@2
SB31@10	10	12-29	833 ^{2nd} St. Golden City UST	ND	ND	-	-	-	All ND	-	-	
SB32@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	ND	ND	All ND	-	See Table 2	7.89	WB5@2
SB33@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	38	ND	All ND	-	See Table 2	4.49	SB60@2
SB34@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	ND	ND	All ND	-	See Table 2	4.49	SB60@2
SB35@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	13	ND	All ND	-	See Table 2	9.06	SB57@2
SB36@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	ND	ND	All ND	-	See Table 2	9.06	SB57@2
SB37@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	23	ND	All ND	-	See Table 2	7.51	SB58@2
SB38@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	12	ND	All ND	-	See Table 2	7.65	VS4@4
SB39@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	10	ND	All ND	-	See Table 2	4.41	SB59@2
SB40@2	2	12-29	833 ^{2nd} St. Golden City Storage	-	-	ND	ND	All ND	-	See Table 2	4.41	SB59@2
SB41@2	2	12-30	807 ^{2nd} St. Wheel Works Service Bay	-	-	ND	ND	All ND	-	See Table 2	10.4	VS6@2
SB42@2	2	12-30	807 ^{2nd} St. Wheel Works Service Bay	-	-	ND	ND	All ND	-	See Table 2	10.4	VS6@2
SB43@2	2	12-30	807 ^{2nd} St. Wheel Works Service Bay	-	-	ND	ND	All ND	-	See Table 2	10.4	VS6@2
SB44@2	2	12-30	807 ^{2nd} St. Wheel Works Service Bay	-	-	ND	ND	All ND	-	See Table 2	10.4	VS6@2
SB45@2	2	12-30	807 ^{2nd} St. Wheel Works Service Bay	-	-	ND	ND	All ND	-	See Table 2	9.81	WB8@2
SB46@2	2	12-30	807 ^{2nd} St. Wheel Works Service Bay	-	-	ND	ND	All ND	-	See Table 2	9.81	WB8@2
SB47@2	2	12-30	807 ^{2nd} St. Wheel Works Service Bay	-	-	ND	ND	All ND	-	See Table 2	9.81	WB8@2

TABLE 1 (continued)

Summary of Soil Sample Analyses
 2016 Data Converted to Dry-Weight
 1st and 2nd Streets at E. Virginia Street
 San Jose, California
 Samples Obtained Dec. 29 & 30, 2016

Sample ID	Depth (Feet)	Date	Sample Description	Gasoline mg/Kg	Diesel mg/Kg	Motor Oil mg/Kg	Ethylene Glycol	VOCs	BTEX	LUFT Metals	Moisture Content %	Moisture Reference
Residential ESL ^a				430 NC	260 NC	12,000 NC	none					
SB48@10	10	12-30	20 E. Virginia St. Closed UST	1.4	ND	-	-	-	All ND	-	16.0	WB1@5
SB49@10	10	12-30	20 E. Virginia St. Closed UST	ND	ND	-	-	-	All ND	-	-	
SB50@10	10	12-30	20 E. Virginia St. Closed UST	1.7	ND	-	-	-	All ND	-	16.0	WB1@5

ND No compounds measured by this method were detected at or above their respective laboratory reporting limit.

VOC Volatile Organic Compounds

BTEX Benzene, toluene, ethylbenzene, and total xylenes

LUFT Cadmium, chromium, lead, nickel, and zinc.

a Environmental Screening Level (ESL), Residential & Commercial/Industrial) California Regional Water Quality Control Board, San Francisco Bay Region, 2019 Rev. 2.

- Sample not analyzed by this method

NC Non-Cancer Endpoint

C Cancer Endpoint

TABLE 2
2020 Soil Sample Analyses
LUFT Metals^a with Dry-Weight Conversion
1st and 2nd Streets at E. Virginia Street
San Jose, California
Samples Obtained Dec. 29 & 30, 2016
(mg/Kg)

	Dry Cd	Wet Cd	Dry Cr Total	Wet Cr Total	Dry Pb	Wet Pb	Dry Ni	Wet Ni	Dry Zn	Wet Zn	Moisture Content %	Moisture Reference
Industrial ESL ^b	1,100 NC		1,800,000 ^c NC		320 NC		11,000 NC		350,000 NC			
Residential ESL ^b	7.8 NC		120,000 ^c NC		80 NC		820 NC		23,000 NC			
SB1@10	-	-		-		-		-		-	-	
SB2@10	-	-		-		-		-		-	-	
SB3@10	-	-		-		-		-		-	-	
SB4@10	-	-		-		-		-		-	-	
SB5@10	-	-		-		-		-		-	-	
SB6@2	-	-		-		-		-		-	-	
SB7@2	-	-		-		-		-		-	-	
SB7@10	-	-		-		-		-		-	-	
SB8@2	-	-		-		-		-		-	-	
SB9@10	-	-		-		-		-		-	-	
SB10@10	-	-		-		-		-		-	-	
SB11@10	<0.27	<0.25	57	53	18	17	96	89	79	73	8.16	WB3@5
SB12@10	<0.27	<0.25	58	54	6	5.1	107	99	54	50	8.16	WB3@5
SB13@10	<0.27	<0.25	49	45	6	5.5	130	120	55	51	8.16	WB3@5
SB14@2	<0.28	<0.25	57	51	22	20	95	85	69	62	11.2	WB7c@2
SB15@2	0.31	0.27	75	65	151	130	102	88	151	130	16.1	SB55@2
SB16@2	0.31	0.28	76	68	111	100	111	100	156	140	11.2	WB7c@2
SB17@2	0.30	0.28	57	53	215	200	94	87	689	640	7.65	VS5@4
SB18@2	0.29	0.28	67	64	146	140	125	120	177	170	4.39	WB4@2
SB19@2	<0.27	<0.25	65	61	27	25	99	93	77	72	6.5	VS5@4

TABLE 2 (Feb. 2020)

Soil Sample Analyses
 LUFT Metals^a
 1st and 2nd Streets at E. Virginia Street
 San Jose, California
 Samples Obtained Dec. 29 & 30, 2016
 (mg/Kg)

	Dry Cd	Wet Cd	Dry Cr Total	Wet Cr Total	Dry Pb	Wet Pb	Dry Ni	Wet Ni	Dry Zn	Wet Zn	Moisture Content %	Moisture Reference
Industrial ESL ^b	1,100 NC		1,800,000 ^c NC		320 NC		11,000 NC		350,000 NC			
Residential ESL ^b	7.8 NC		120,000 ^c NC		80 NC		820 NC		23,000 NC			
SB20@2	<0.27	<0.25	67	63	26	24	104	98	69	65	6.5	VS5@4
SB21@2	<0.27	<0.25	57	53	16	15	94	87	68	63	7.89	WB5@2
SB21@10		-		-		-		-		-	-	
SB22@2	<0.27	<0.25	73	68	150	140	118	110	129	120	7.15	VS9@4
SB23@2	0.39	0.36	81	76	107	100	129	120	193	180	7.15	VS9@4
SB24@2	<0.27	<0.25	71	66	161	150	107	100	150	140	7.15	VS9@4
SB25@2	<0.27	<0.25	51	48	25	23	96	90	71	66	7.15	VS9@4
SB26@2	<0.26	<0.25	55	53	20	19	94	90	102	98	4.39	WB4@2
SB27@2	<0.26	<0.25	61	58	334	320	96	92	80	77	4.39	WB4@2
SB28@2	0.54	0.52	96	92	783	750	167	160	334	320	4.39	WB4@2
SB29@2	<0.27	<0.25	79	73	11	10	129	120	50	46	7.89	WB5@2
SB29@10		-		-		-		-		-	-	
SB30@2	<0.27	<0.25	59	55	7	6.3	99	92	58	54	7.89	WB5@2
SB31@2	<0.27	<0.25	57	53	9	8.1	91	84	65	60	7.89	WB5@2
SB31@10		-		-		-		-		-	-	
SB32@2	<0.27	<0.25	61	57	60	56	108	100	57	53	7.89	WB5@2
SB33@2	0.49	0.47	67	64	449	430	94	90	282	270	4.49	SB60@2
SB34@2	<0.26	<0.25	64	61	19	18	101	97	64	61	4.49	SB60@2
SB35@2	0.77	0.71	72	66	600	550	109	100	556	510	9.06	SB57@2
SB36@2	<0.27	<0.25	109	100	164	150	153	140	185	170	9.06	SB57@2

TABLE 2 (Feb. 2020)

Soil Sample Analyses
 LUFT Metals^a
 1st and 2nd Streets at E. Virginia Street
 San Jose, California
 Samples Obtained Dec. 29 & 30, 2016
 (mg/Kg)

	Dry Cd	Wet Cd	Dry Cr Total	Wet Cr Total	Dry Pb	Wet Pb	Dry Ni	Wet Ni	Dry Zn	Wet Zn	Moisture Content %	Moisture Reference
Industrial ESL ^b	1,100 NC		1,800,000 ^c NC		320 NC		11,000 NC		350,000 NC			
Residential ESL ^b	7.8 NC		120,000 ^c NC		80 NC		820 NC		23,000 NC			
SB37@2	0.53	0.49	81	75	280	260	129	120	333	310	7.51	SB58@2
SB38@2	0.61	0.57	80	74	1,055	980	118	110	269	250	7.65	VS4@4
SB39@2	<0.26	<0.25	69	66	115	110	87	83	102	98	4.41	SB59@2
SB40@2	<0.26	<0.25	66	63	16	15	92	88	66	63	4.41	SB59@2
SB41@2	<0.28	<0.25	52	47	13	12	91	82	68	62	10.4	VS6@2
SB42@2	0.33	0.30	55	50	331	300	86	78	254	230	10.4	VS6@2
SB43@2	<0.28	<0.25	70	63	22	20	93	84	70	63	10.4	VS6@2
SB44@2	<0.28	<0.25	65	59	91	82	105	95	132	120	10.4	VS6@2
SB45@2	<0.27	<0.25	57	52	12	11	90	82	65	59	9.81	WB8@2
SB46@2	<0.27	<0.25	67	61	10	9.3	110	100	70	64	9.81	WB8@2
SB47@2	<0.27	<0.25	61	56	9	8.2	101	92	64	58	9.81	WB8@2
SB48@10	-	-		-		-		-		-	-	
SB49@10	-	-		-		-		-		-	-	
SB50@10	-	-		-		-		-		-	-	

<0.25 Not detected at or above a laboratory detection limit <0.25 mg/Kg.

^a EPA Method 6010B or 7471A.

^b Environmental Screening Level (ESL), Residential & Commercial/Industrial) California Regional Water Quality Control Board, San Francisco Bay Region, 2019 Rev. 2.

^c ESL as chromium III.

^d CCR Title 22, Section 66261.24

TABLE 2 (Feb. 2020)

Soil Sample Analyses
LUFT Metals^a
1st and 2nd Streets at E. Virginia Street
San Jose, California
Samples Obtained Dec. 29 & 30, 2016
(mg/Kg)

- Sample not analyzed by this method
NC Non-Cancer Endpoint
C Cancer Endpoint

TABLE 3

Selected Soil Sample Analyses
 Gasoline, Toluene, Xylenes & Motor Oil
 2016 Data Converted to Dry-Weight
 1st and 2nd Streets at E. Virginia Street
 San Jose, California
 Samples Obtained Dec. 29 & 30, 2016

SAMPLE	Sample Depth (feet)	Gasoline mg/Kg	Toluene mg/Kg	Xylenes mg/Kg	Motor Oil mg/Kg	Moisture Content %	Moisture Reference
Residential ESL ^a		430 NC	1,100 NC	580 NC	12,000 NC		
SB6@2	2	-	-	-	13	12.1	WB3@2
SB7@10	10	-	-	-	13	12.1	WB3@2
SB8@2	2	-	-	-	10	12.1	WB3@2
SB15@2	2	-	-	-	17	16.1	SB55@2
SB17@2	2	-	-	-	30	7.65	VS5@4
SB18@2	2	-	-	-	10	4.39	WB4@2
SB21@2	2	-	0.018	ND	ND	7.89	WB5@2
SB21@10	10	ND	ND	ND	-	-	
SB22@2	2	-	-	-	83	7.15	VS9@4
SB23@2	2	-	-	-	19	7.15	VS9@4
SB24@2	2	-	-	-	18	7.15	VS9@4
SB25@2	2	-	-	-	150	7.15	VS9@4
SB26@2	2	-	-	-	31	4.39	WB4@2
SB27@2	2	-	0.15	0.013	86	4.39	WB4@2
SB28@2	2	-	0.040	ND	219	4.39	WB4@2

TABLE 3 (continued)

Selected Soil Sample Analyses
Gasoline, Toluene, Xylenes & Motor Oil
2016 Data Converted to Dry-Weight
1st and 2nd Streets at E. Virginia Street
San Jose, California
Samples Obtained Dec. 29 & 30, 2016

SAMPLE	Sample Depth (feet)	Gasoline mg/Kg	Toluene mg/Kg	Xylenes mg/Kg	Motor Oil mg/Kg	Moisture Content %	Moisture Reference
Residential ESL ^a		430 NC	1,100 NC	580 NC	12,000 NC		
SB29@2	2	-	ND	ND	24	7.89	WB5@2
SB29@10	10	ND	ND	ND	-	-	
SB31@10	10	ND	ND	ND	-	-	
SB33@2	2	-	ND	ND	39	7.89	WB5@2
SB35@2	2	-	ND	ND	13	9.06	SB57@2
SB37@2	2	-	ND	ND	23	7.51	SB58@2
SB38@2	2	-	ND	ND	12	7.65	VS4@4
SB39@2	2	-	ND	ND	10	4.41	SB59@2
SB48@10	10	1.4	ND	ND	ND	16.0	WB1@5
SB49@10	10	ND	ND	ND	ND	-	
SB50@10	10	1.7	ND	ND	ND	16.0	WB1@5

ND No compounds measured by this method were detected at or above their respective laboratory reporting limit.

a Environmental Screening Level (ESL), Residential & Commercial/Industrial) California Regional Water Quality Control Board, San Francisco Bay Region, 2019 Rev. 2.

- Sample not analyzed by this method.

NC Non-Cancer Endpoint

C Cancer Endpoint

TABLE 4

Summary of Soil Sample Analyses
 Reported in Dry-Weight
 802 S. 1st Street Development
 S. 1st & S. 2nd Streets at E. Virginia Street
 San Jose, California
 Samples Obtained August 5 or 6, 2020

Sample ID	Depth (Feet)	Date	Sample Description	Gasoline mg/Kg	Diesel mg/Kg	Motor Oil mg/Kg	Ethylene Glycol mg/Kg	VOCs	LUFT + As Metals	Moisture Content %
Residential ESL ^a				430 NC	260 NC	12,000 NC	none			
SB51@2	2	8-5	Parking, Wheel Works	<110	<2.3	<11	<11	All ND	See Table 2	14.4
SB51@4	4	8-5	Parking, Wheel Works	-	-	-	-	-	-	-
SB52@2	2	8-5	Parking, Wheel Works	<110	<2.3	<11	<11	All ND	See Table 2	14.2
SB52@4	4	8-5	Parking, Wheel Works	-	-	-	-	-	-	-
SB53@2	2	8-5	Parking, Wheel Works	<120	<2.3	<12	<12	All ND	See Table 2	15.4
SB53@4	4	8-5	Parking, Wheel Works	-	-	-	-	-	-	-
SB54@2	2	8-5	Parking, Wheel Works	<110	<2.3	<11	<11	All ND	See Table 2	13.4
SB54@4	4	8-5	Parking, Wheel Works	-	-	-	-	-	-	-
SB55@2	2	8-6	Perimeter, Lead Area	-	-	-	-	-	See Table 2	16.1
SB56@2	2	8-6	Perimeter, Lead Area	-	-	-	-	-	See Table 2	12.6
SB57@2	2	8-6	Perimeter, Lead Area	-	-	-	-	-	See Table 2	9.06
SB58@2	2	8-6	Perimeter, Lead Area	-	-	-	-	-	See Table 2	7.51
SB59@2	2	8-6	Perimeter, Lead Area	-	-	-	-	-	See Table 2	4.41
SB60@2	2	8-6	Perimeter, Lead Area	-	-	-	-	-	See Table 2	4.49
WB1@2	2	8-5	20 E. Virginia St. Closed UST	<120	3.64	<12	<12	All ND	See Table 2	16.0
WB1@5	5	8-5	20 E. Virginia St. Closed UST	<120	<2.3	<12	<12	All ND	See Table 2	16.0
WB1@10	10	8-5	20 E. Virginia St. Closed UST	-	-	-	-	-	-	-
WB1@20	20	8-5	20 E. Virginia St. Closed UST	521	2.98	<12	<12	All ND	See Table 2	24.4
WB2@2	2	8-5	802 S. 1 St Parking	<110	<2.2	<11	<11	All ND	See Table 2	10.2
WB2@5	5	8-5	802 S. 1 St Parking	<110	<2.2	<11	<11	All ND	See Table 2	9.22
WB2@10	10	8-5	802 S. 1 St Parking	-	-	-	-	-	-	-
WB3@2	2	8-7	838 S. 1 St. Beside Man Trench	<110	<2.2	<11	<11	All ND	See Table 2	12.1
WB3@5	5	8-7	838 S. 1 St. Beside Man Trench	<110	37.3	180	<11	All ND	See Table 2	8.16

TABLE 4 (continued)

Summary of Soil Sample Analyses
 Reported in Dry-Weight
 802 S. 1st Street Development
 1st and 2nd Streets at E. Virginia Street
 San Jose, California
 Samples Obtained August 5 or 6, 2020

Sample ID	Depth (Feet)	Date	Sample Description	Gasoline mg/Kg	Diesel mg/Kg	Motor Oil mg/Kg	Ethylene Glycol mg/Kg	VOCs	LUFT + As Metals	Moisture Content %
Residential ESL ^a				430 NC	260 NC	12,000 NC	none			
WB3@10	10	8-7	838 S. 1 St. Beside Man Trench	-	-	-	-	-	-	-
WB4@2	2	8-6	833 S. 2 nd St. Golden City Storage	<100	<2.1	<10	<10	All ND	See Table 2	4.39
WB4@5	5	8-6	833 S. 2 nd St. Golden City Storage	<110	<2.2	<11	<11	All ND	See Table 2	7.56
WB4@10	10	8-6	833 S. 2 nd St. Golden City Storage	-	-	-	-	-	-	-
WB5@2	2	8-7	833 S. 2 nd St. Golden City Storage	<110	<2.2	<11	<11	All ND	See Table 2	7.89
WB5@5	5	8-7	833 S. 2 nd St. Golden City Storage	<100	<2.1	<10	<10	All ND	See Table 2	3.20
WB5@10	10	8-7	833 S. 2 nd St. Golden City Storage	-	-	-	-	-	-	-
WB6@2	2	8-5	Wheel Works Parking Area	<120	<2.3	<12	12	All ND	See Table 2	14.8
WB6@5	5	8-5	Wheel Works Parking Area	<110	<2.1	<11	<11	All ND	See Table 2	4.71
WB6@10	10	8-5	Wheel Works Parking Area	-	-	-	-	-	-	-
WB7@2	2	8-7	831 S 2 nd, St.	<120	28.7	397	<12	All ND	See Table 2	19.2
WB7@5	5	8-7	831 S 2 nd, St.	<120	<2.3	<12	<12	All ND	See Table 2	15.5
WB7@10	10	8-7	831 S 2 nd, St.	-	-	-	-	-	-	-
WB7b@2	2	9-9	831 S 2 nd, St.	<1	<1.0	<5.0	-	All ND	See Table 2	12.7
WB7b@4	4	9-9	831 S 2 nd, St.	<1	<1.0	<5.0	-	All ND	See Table 2	11.5
WB7b@6	6	9-9	831 S 2 nd, St.	<1	<1.0	<5.0	-	All ND	See Table 2	12.0
WB7c@2	2	9-9	831 S 2 nd, St.	<1	<1.0	<5.0	-	All ND	See Table 2	11.2
WB7c@4	4	9-9	831 S 2 nd, St.	<1	<1.0	<5.0	-	All ND	See Table 2	11.9
WB7c@6	6	9-9	831 S 2 nd, St.	<1	<1.0	<5.0	-	All ND	See Table 2	8.98
WB8@2	2	8-5	807 ^{2nd} St. Wheel Works Service Bay	<110	<2.2	<11	<11	All ND	See Table 2	9.81
WB8@5	5	8-5	807 ^{2nd} St. Wheel Works Service Bay	<110	2.48	22.7	28	All ND	See Table 2	9.87
WB8@10	10	8-5	807 ^{2nd} St. Wheel Works Service Bay	-	-	-	-	-	-	-
VS1@2	2	8-6	20 E. Virginia St. Closed UST	-	-	-	-	-	-	14.0
VS3@2	2	8-6	838 ^{2nd} St. Toward Alley	-	-	-	-	-	-	12.1

TABLE 4 (continued)

Summary of Soil Sample Analyses
 Reported in Dry-Weight
 802 S. 1st Street Development
 1st and 2nd Streets at E. Virginia Street
 San Jose, California
 Samples Obtained August 5 or 6, 2020

Sample ID	Depth (Feet)	Date	Sample Description	Gasoline mg/Kg	Diesel mg/Kg	Motor Oil mg/Kg	Ethylene Glycol mg/Kg	VOCs	LUFT + As Metals	Moisture Content %
Residential ESL ^a				430 NC	260 NC	12,000 NC	none			
VS6@2	2	8-6	807 ^{2nd} St. Wheel Works Service Bay	-	-	-	-	-	-	10.4
VS7@2	2	8-6	838 S. 1 St. Beside Man Trench	-	-	-	-	-	-	11.4
VS4@4	4	8-6	Interior, Lead Area	-	-	-	-	-	See Table 2	7.65
VS4@6	6	8-6	Interior, Lead Area	-	-	-	-	-	-	-
VS5@4	4	8-6	Interior, Lead Area	-	-	-	-	-	See Table 2	6.5
VS5@6	6	8-6	Interior, Lead Area	-	-	-	-	-	-	-
VS9@4	4	8-6	Interior, Lead Area	-	-	-	-	-	See Table 2	7.15
VS9@6	6	8-6	Interior, Lead Area	-	-	-	-	-	-	-

ND No compounds measured by this method were detected at or above their respective laboratory reporting limit.

VOC Volatile Organic Compounds

LUFT Cadmium, chromium, lead, nickel, and zinc.

a Environmental Screening Level (ESL), Residential & Commercial/Industrial) California Regional Water Quality Control Board, San Francisco Bay Region, 2019 Rev. 2.

- Sample not analyzed by this method

NC Non-Cancer Endpoint

C Cancer Endpoint

TABLE 5
2020 Soil Sample Analyses
LUFT Metals ^a Reported in Dry-Weight
802 S. 1st Street Development
1st and 2nd Streets at E. Virginia Street
San Jose, California
Samples Obtained August 5 or 6, 2020
(mg/Kg)

	As	Cd	Cr Total	Pb	Ni	Zn
Residential ESL ^b	11 ^e Background	7.8 NC	120,000 ^e NC	80 NC	820 NC	23,000 NC
SB51@2	7.01	<6.2	58.01	12.5	90.1	67.8
SB51@4	-	-	-	-	-	-
SB52@2	6.16	<6.2	69.5	12.7	84.9	70.1
SB52@4	-	-	-	-	-	-
SB53@2	7.42	<6.2	62.7	13.9	95.5	75.3
SB53@4	-	-	-	-	-	-
SB54@2	6.84	<6.2	59.9	14.0	92.1	71.8
SB54@4	-	-	-	-	-	-
SB55@2	-	-	-	16.6	-	-
SB56@2	-	-	-	63.8	-	-
SB57@2	-	-	-	498	-	-
SB58@2	-	-	-	14.7	-	-
SB59@2	-	-	-	10.0	-	-
SB60@2	-	-	-	9.98	-	-
WB1@2	6.55	<6.2	51.2	11.9	85.8	64.4
WB1@5	4.25	<6.2	157	6.67	1,460	54.1
WB1@10	-	-	-	-	-	-
WB1@20	8.00	<6.2	50.5	10.4	81.2	53.9
WB2@2	6.55	<6.2	58.9	13.1	91.3	66.0
WB2@5	6.81	<6.2	53.9	12.5	91.0	66.5
WB2@10	-	-	-	-	-	-
WB3@2	8.15	<6.2	53.6	8.88	81.2	59.8
WB3@5	7.41	<6.2	58.6	7.26	78.1	51.1
WB3@10	-	-	-	-	-	-
WB4@2	7.85	<6.2	58.2	48.3	92.6	85.3
WB4@5	4.91	<6.2	54.5	9.02	85.3	56.2
WB4@10	-	-	-	-	-	-
WB5@2	5.71	-	47.3	5.91	70.8	47.0
WB5@5	5.39	-	36.0	4.22	78.1	37.6
WB5@10	-	-	-	-	-	-
WB6@2	6.50	<6.2	58.1	15.2	88.6	69.6
WB6@5	4.02	<6.2	34.6	9.45	50.8	49.8
WB6@10	-	-	-	-	-	-
WB7@2	78.0	<6.2	154	196	1850	4,220
WB7@5	11.1	<6.2	66.4	12.7	103	78.8

TABLE 5 (Continued)

Soil Sample Analyses
 LUFT Metals ^a Reported in Dry-Weight
 802 S. 1st Street Development
 1st and 2nd Streets at E. Virginia Street
 San Jose, California
 Samples Obtained August 5 or 6, 2020
 (mg/Kg)

	As	Cd	Cr Total	Pb	Ni	Zn
Residential ESL ^b	11 ^e Background	7.8 NC	120,000 ^c NC	80 NC	820 NC	23,000 NC
WB7@10	-	-	-	-	-	-
WB7b@2	10.8	<6.2	70.1	214.7	75.7	124.3
WB7b@4	6.7	<6.2	45.9	7.7	68.3	53.8
WB7b@6	12.3	<6.2	80.6	13.4	123.2	89.6
WB7c@2	9.5	<6.2	71.0	12.2	106.6	75.5
WB7c@4	8.2	<6.2	58.2	9.2	82.9	62.7
WB7c@6	9.3	<6.2	65.4	9.8	91.6	69.8
WB8@2	6.05	<6.2	56.1	12.9	84.7	63.3
WB8@5	5.50	<6.2	53.5	16.0	79.2	60.0
WB8@10	-	-	-	-	-	-
VS1@2	-	-	-	-	-	-
VS3@2	-	-	-	-	-	-
VS6@2	-	-	-	-	-	-
VS7@2	-	-	-	-	-	-
VS4@4	-	-	-	98.8	-	-
VS4@6	-	-	-	-	-	-
VS5@4	-	-	-	18.1	-	-
VS5@6	-	-	-	-	-	-
VS9@4	-	-	-	16.9	-	-
VS9@6	-	-	-	-	-	-

<6.2 Not detected at or above a laboratory detection limit 6.2 mg/Kg.

a EPA Method 6010B or 7471A.

b Environmental Screening Level (ESL), Residential) California Regional Water Quality Control Board, San Francisco Bay Region, July 25, 2019 Rev. 2.

c ESL as chromium III.

d CCR Title 22, Section 66261.24

e Duvergé, 2011, Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region. Dylan Duvergé, Dec. 2011.

- Sample not analyzed by this method

NC Non Cancer Endpoint

C Cancer Endpoint

TABLES GROUND WATER INVESTIGATION

Results of Grab Groundwater Sample Analyses
Detected Volatile Organic Compounds (VOCs) ^a
Total Petroleum Hydrocarbons (TPH) ^b
802 S. 1st Street Development
S. 1st & S. 2nd Streets at E. Virginia Street
San Jose, California
Samples Obtained August 10 or 12, 2020
(ug/L)

[illegible]

TABLE 1g (Continued)

Results of Grab Groundwater Sample Analyses
 Volatile Organic Compounds (VOCs) ^a
 Total Petroleum Hydrocarbons (TPH) ^b
 802 S. 1st Street Development
 S. 1st & S. 2nd Streets at E. Virginia Street
 San Jose, California
 Samples Obtained August 10 or 12, 2020
 (ug/L)

ANALYTE	WB1	WB2	WB3	WB4	WB5	WB6	WB7	WB8	ESL ^c	Basis
TPH (Gasoline)	874	80.6	ND	ND	ND	ND	ND	ND	none	Vapor Intrusion
TPH as Diesel	204	139	ND	116	ND	132	ND	ND	none	Vapor Intrusion
TPH Motor Oil	<400	<400	<400	<400	<400	<400	<400	<400	none	Vapor Intrusion

MCL Maximum Contaminant Level

ND Not detected at or above the laboratory Reporting Limit.

a Method SW8260B

b Method 8260TPH or 8015B

c Environmental Screening Level (ESL), Summary of Groundwater ESLs (Residential Vapor Intrusion) California Regional Water Quality Control Board, San Francisco Bay Region, July 25, 2019.

TABLES SOIL VAPOR INVESTIGATION

Table 4b
Results of Soil Vapor Sample Analyses for Fixed Gases
802 S. 1st Street Development
S. 1st & S. 2nd Streets at E. Virginia Street, San Jose, California
Samples Obtained August 11-12, 2020
(Units = %)

Soil Vapor Well No	VS1-5	VS1-12	VS2-5	VS2-12	VS3-5	VS3-12	VS4-5	VS5-5	VS6-5	VS6-9.5	VS7-5	VS7-12	VS8-5	VS9-5	VS9-12	VS10-5
Oxygen	10	9.6	15	13	15	15	16	16	15	15	12	15	16	16	16	14
Helium	0.061	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.37	0.15	<0.05	<0.05	<0.05	0.05	0.32	0.074	0.56
Carbon Dioxide	9.4	9.6	4.8	7.6	3.5	4.5	1.8	1.8	2.1	2.1	11	13	3.0	0.16	1.9	0.16
Methane	<0.0002	<0.0080	<0.0002	<0.0080	<0.0002	<0.0080	<0.0002	<0.0002	<0.0002	<0.0080	<0.0002	<0.0080	<0.0002	<0.0002	<0.0080	<0.0002

Table 1v
Results of Soil Vapor Sample Analyses for Detected Volatile Organic Compounds (VOCs)
802 S. 1st Street Development
S. 1st & S. 2nd Streets at E. Virginia Street, San Jose, California
Samples Obtained August 11-12, 2020
(Units = µg/m³)

Soil Vapor Well No	VS1-5	VS1-12	VS2-5	VS2-12	VS3-5	VS3-12	VS4-5	VS5-5	VS6-5	VS6-9.5	VS7-5	VS7-12	VS8-5	VS9-5	VS9-12	VS10-5	Resid ESL	Resid VISL
Acrolein	ND	ND	ND	ND	7.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	None	0.695
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	6.9	ND	3.2 C	12
Carbon disulfide	3.5	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	None	24,300
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND	ND	ND	3,100 NC	3,130
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	0.0056 C	None
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.15	ND	0.16 C	0.156
1,4 -Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	4.6	ND	ND	ND	ND	ND	ND	ND	ND	8.5 C	None
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	3.3	ND	ND	2.5	None	3,480
Ethanol	ND	ND	ND	ND	230	ND	ND	ND	ND	ND	ND	1,100	ND	ND	200	ND	None	None
Ethyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	None	2,430
Ethylbenzene	5.1	ND	12	ND	6.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37 C	37.4
4-Ethyltoluene	3.3	ND	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	None	None
Hexane	ND	210	ND	ND	ND	ND	ND	ND	ND	ND	92	ND	ND	ND	ND	ND	None	468
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND	None	1,040

Table 1v
Results of Soil Vapor Sample Analyses for Detected Volatile Organic Compounds (VOCs)
802 S. 1st Street Development
S. 1st & S. 2nd Streets at E. Virginia Street, San Jose, California
Samples Obtained August 11-12, 2020
(Units = $\mu\text{g}/\text{m}^3$)

Soil Vapor Well No	VS1-5	VS1-12	VS2-5	VS2-12	VS3-5	VS3-12	VS4-5	VS5-5	VS6-5	VS6-9.5	VS7-5	VS7-12	VS8-5	VS9-5	VS9-12	VS10-5	Resid ESL	Resid VISL
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.5	ND	100,000 NC	1,04,000
Methylene chloride	ND	29	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	34 C	3380
Naphthalene	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	ND	2.8 C	2.75
Tetrachloroethene	12*	7.4	ND	ND	16*	9.1	ND	ND	35*	11	39*	95	ND	4.1*	11	ND	15 C	360
Toluene	4.5	ND	27	2.4	17	ND	ND	5.7	ND	7.1	ND	ND	ND	ND	6.4	4.4	10,000 C	174,000
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	120	ND	ND	ND	ND	ND	ND	ND	ND	70 NC	69.5
1,1,1-Trichloroethane	ND	ND	ND	ND	3.5	ND	ND	ND	15	11	ND	ND	ND	ND	ND	17	35,000 NC	174,000
Trichlorofluoromethane	6.9	5.9	ND	ND	3.8	5.5	ND	ND	3.2	ND	ND	ND	ND	ND	ND	4.0	None	None
1,2,4-Trimethylbenzene	15	ND	17	9.0	8.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	None	2,090
1,3,5-Trimethylbenzene	2.7	ND	7.4	ND	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	None	2,090
m, p-Xylene	ND	ND	52	6.7	19	ND	ND	5.5	ND	ND	ND	ND	ND	ND	ND	4.7	None	3,480
o-Xylene	ND	ND	24	3.9	7.3	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND	ND	None	3,480
Xylenes, Total	ND	ND	76	11	26	ND	ND	8.1	ND	ND	ND	ND	ND	ND	ND	4.7	3,500 NC	3,480

Table 1v
Results of Soil Vapor Sample Analyses for Detected Volatile Organic Compounds (VOCs)
802 S. 1st Street Development
S. 1st & S. 2nd Streets at E. Virginia Street, San Jose, California
Samples Obtained August 11-12, 2020
(Units = $\mu\text{g}/\text{m}^3$)

Resid ESL; Environmental Screening Level, Table SG-1 (Residential) California Regional Water Quality Control Board, San Francisco Bay Region, July 25, 2019 Rev. 2.

Resid VISL; U.S. EPA VISL 2019. Vapor Intrusion Screening Level (VISL) Calculator Tool, HQ=1.0, November.

Basis C – Cancer Risk

Basis NC - Non-Cancer Hazard

* Minor tetrachloroethane was detected in method blank

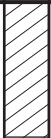
APPENDICES

APPENDIX A – SOIL BORE LOGS

SOIL BORE LOGS

MJOES

BORING NO. SB51

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH:		DRILLED BY: ECA	
START DATE: 8-5-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary	
COMPLETION DATE: 8-5-20		BORING DIA: 2"		CASING DIA:		DATE OF GW MEAS:	
						CHECKED BY: MJ O'Leary	
LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
6" concrete & 6" baserock.		CNC		0			
CLAY: brown, moist, stiff; w/ silt.		CL					
Bottom of Hole @ 4'.				5			
				10			
				15			
				20			
				25			
				30			

Project #OL072-6.3

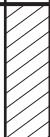
MJO Earthscience Services Inc.

Page 1 of 1

MONITORING WELL LOG
1St & Virginia, San Jose Calif.

MJOES

BORING NO. SB52

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH:		DRILLED BY: ECA		
START DATE: 8-5-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary		
COMPLETION DATE: 8-5-20		BORING DIA: 2" CASING DIA:		DATE OF GW MEAS:		CHECKED BY: MJ O'Leary		
LITHOLOGIC DESCRIPTION		GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
					0			
6" concrete & 6" baserock.			CNC					
CLAY: brown, moist, stiff; w/ silt.			CL					
Bottom of Hole @ 4'.					5			
					10			
					15			
					20			
					25			
					30			

Project #OL072-6.3

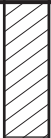
MJO Earthscience Services Inc.

Page 1 of 1

MONITORING WELL LOG
1St & Virginia, San Jose Calif.

MJOES

BORING NO. SB53

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH:		DRILLED BY: ECA	
START DATE: 8-5-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary	
COMPLETION DATE: 8-5-20		BORING DIA: 2" CASING DIA:		DATE OF GW MEAS:		CHECKED BY: MJ O'Leary	
LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
6" concrete & 6" baserock.		CNC		0			
CLAY: brown, moist, stiff; w/ silt.		CL					
Bottom of Hole @ 4'.				5			
				10			
				15			
				20			
				25			
				30			

Project #OL072-6.3

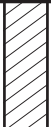
MJO Earthscience Services Inc.

Page 1 of 1

MONITORING WELL LOG
1St & Virginia, San Jose Calif.

MJOES

BORING NO. SB54

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH:		DRILLED BY: ECA	
START DATE: 8-5-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary	
COMPLETION DATE: 8-5-20		BORING DIA: 2" CASING DIA:		DATE OF GW MEAS:		CHECKED BY: MJ O'Leary	
LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
6" concrete & 6" baserock.		CNC		0			
CLAY: brown, moist, stiff; w/ silt.		CL					
Bottom of Hole @ 4'.				5			
				10			
				15			
				20			
				25			
				30			

Project #OL072-6.3

MJO Earthscience Services Inc.

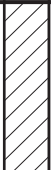
MONITORING WELL LOG

1St & Virginia, San Jose Calif.

Page 1 of 1

MJOES

BORING NO. SB55

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH:		DRILLED BY: ECA	
START DATE: 8-6-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary	
COMPLETION DATE: 8-6-20		BORING DIA: 2" CASING DIA:		DATE OF GW MEAS:		CHECKED BY: MJ O'Leary	
LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
6" asphalt & 6" baserock.		AC		0			
SILTY CLAY: brown, moist, med. Stiff;		CL		5			
Bottom of Hole @ 5'.				30			

MJOES

BORING NO. SB56

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH:		DRILLED BY: ECA	
START DATE: 8-6-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary	
COMPLETION DATE: 8-6-20		BORING DIA: 2" CASING DIA:		DATE OF GW MEAS:		CHECKED BY: MJ O'Leary	
LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
3" asphalt & 3" baserock.		AC		0			
GRAVEL: dark grey, moist, med. loose; pea to 1/2" gravel.		SP					
CLAY: black, moist, med. Stiff; w/ pea gravel.		CL					
Bottom of Hole @ 4'.				5			
				10			
				15			
				20			
				25			
				30			

Project #OL072-6.3

MJO Earthscience Services Inc.

Page 1 of 1

MONITORING WELL LOG
1St & Virginia, San Jose Calif.

MJOES

BORING NO. SB57

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe	GROUNDWATER DEPTH:	DRILLED BY: ECA
START DATE: 8-6-20	SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:	LOGGED BY: MJ O'Leary
COMPLETION DATE: 8-6-20	BORING DIA: 2"	CASING DIA:	DATE OF GW MEAS:	CHECKED BY: MJ O'Leary

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
3" asphalt & 3" baserock.		AC		0			
GRAVEL: dark grey, moist, med. loose; pea to 1/2" gravel.		SP					
CLAY: black, moist, med. Stiff; w/ pea gravel.		CL					
Bottom of Hole @ 4'.				5			
				10			
				15			
				20			
				25			
				30			

Project #OL072-6.3

MJO Earthscience Services Inc.

Page 1 of 1

MONITORING WELL LOG
1St & Virginia, San Jose Calif.

MJOES

BORING NO. SB58

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH:		DRILLED BY: ECA	
START DATE: 8-5-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary	
COMPLETION DATE: 8-5-20		BORING DIA: 2" CASING DIA:		DATE OF GW MEAS:		CHECKED BY: MJ O'Leary	

LITHOLOGIC DESCRIPTION		GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
					0			
7" concrete & 5" baserock.			CNC					
GRAVELY SILT, lt. brown, moist, med. stiff; w/ pea gravel.			ML					
Bottom of Hole @ 4'.					5			
					10			
					15			
					20			
					25			
					30			

Project #OL072-6.3

MJO Earthscience Services Inc.

Page 1 of 1

MONITORING WELL LOG
1St & Virginia, San Jose Calif.

MJOES

BORING NO. SB59

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH:		DRILLED BY: ECA	
START DATE: 8-5-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary	
COMPLETION DATE: 8-5-20		BORING DIA: 2" CASING DIA:		DATE OF GW MEAS:		CHECKED BY: MJ O'Leary	

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
7" concrete & 5" baserock.			CNC	0			
GRAVELY SILT, lt. brown, moist, med. stiff; w/ pea gravel.			ML				
Bottom of Hole @ 4'.				5			
				10			
				15			
				20			
				25			
				30			

Project #OL072-6.3

MJO Earthscience Services Inc.

Page 1 of 1

MONITORING WELL LOG
1St & Virginia, San Jose Calif.

MJOES

BORING NO. SB60

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH:		DRILLED BY: ECA	
START DATE: 8-5-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary	
COMPLETION DATE: 8-5-20		BORING DIA: 2" CASING DIA:		DATE OF GW MEAS:		CHECKED BY: MJ O'Leary	
LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
7" concrete & 5" baserock.		CNC		0			
GRAVELY SILT, lt. brown, moist, med. stiff; w/ pea gravel.		ML					
Bottom of Hole @ 4'.				5			
				10			
				15			
				20			
				25			
				30			

Project #OL072-6.3

MJO Earthscience Services Inc.

Page 1 of 1

MONITORING WELL LOG
1St & Virginia, San Jose Calif.

MJOES

BORING NO. WB7b

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH:		DRILLED BY: ECA		
START DATE: 9-9-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary		
COMPLETION DATE: 9-9-20		BORING DIA: 2" CASING DIA:		DATE OF GW MEAS:		CHECKED BY: MJ O'Leary		
LITHOLOGIC DESCRIPTION		GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
6" concrete & 6" baserock.			CNC		0			
SILTY CLAY: dark brown, moist, med. Stiff. Metal debris and brick at 3'.			CL		5			
Bottom of Hole @ 6.5'.					10			
					15			
					20			
					25			
					30			

Project #OL072-6.3

MJO Earthscience Services Inc.

Page 1 of 1

DRILLING LOG
1St & Virginia, San Jose Calif.

MJOES

BORING NO. WB7c

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH:		DRILLED BY: ECA	
START DATE: 9-9-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary	
COMPLETION DATE: 9-9-20		BORING DIA: 2" CASING DIA:		DATE OF GW MEAS:		CHECKED BY: MJ O'Leary	
LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
6" concrete & 6" baserock.		CNC		0			
SILTY CLAY: dark brown, moist, med. Stiff. Metal debris and brick at 3'.		CL	 	5			
Bottom of Hole @ 6.5'.							
				10			
				15			
				20			
				25			
				30			

Project #OL072-6.3

MJO Earthscience Services Inc.

Page 1 of 1

DRILLING LOG
1St & Virginia, San Jose Calif.

APPENDIX B -TEMPORARY WATER WELL LOGS

TEMPORARY WELL LOGS

MJOES

TEMPORARY WELL NO. WB1

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH: 16.4'		DRILLED BY: ECA	
START DATE: 8-5-20		SAMPLING METHOD: Geoprobe & Peristaltic Pmp		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary	
COMPLETION DATE: 8-5-20		BORING DIA: 2" CASING DIA: 1"		DATE OF GW MEAS: 8-5-20		CHECKED BY: MJ O'Leary	

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
6" concrete & 6" baserock.		CNC		0			
CLAY: brown, moist, stiff. Poor recovery		CL		5			
SILT: brown, damp, soft; dark gray, moist, stiff. Poor recovery		ML		10			
CLAYEY SILT: brown, wet, stiff; w/ minor gravel.		CL		15			
Color change to gray. Increase clay. Sand lense at 16-16.5' Strong Petroleum Odor.		CL		20			
Bottom of Hole @ 24'.				25			
				30			

MJOES

TEMPORARY WELL NO. WB2

PROJECT: 1St & Verginia, San Jose DRILLING METHOD: Hollow Stem

GROUNDWATER DEPTH: 17.2'

DRILLED BY: ECA

START DATE: 8-5-20

SAMPLING METHOD: Geoprobe & Peristaltic Pmp

GROUNDWATER ELEV:

LOGGED BY: MJ O'Leary

COMPLETION DATE: 8-5-20

BORING DIA: 2"

CASING DIA: 1"

DATE OF GW MEAS: 8-5-20

CHECKED BY: MJ O'Leary

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
6" concrete & 6" baserock.		CNC		0			
CLAY: brown, damp, stiff; dark gray, moist, stiff. Poor recovery		CL					
SILT: brown, damp, soft; dark gray, moist, stiff. Poor recovery		ML					
SANDY GRAVEL: brown moist, med. dense; subangular gravel (pea to 3/8"), medium sand poorly sorted.		SP		5			
				10			
				15			
SILTY CLAY: Grey, wet, stiff.		CL		20			
Bottom of Hole @ 24'.				25			
				30			

1" Sch 40 Threaded Blank PVC

1" Sch 40 Threaded PVC 0.020" Slot Size

Cap

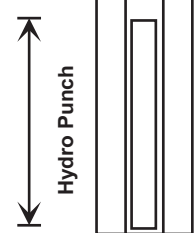


MJOES

TEMPORARY WELL NO. WB3

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe	GROUNDWATER DEPTH: 20.9'	DRILLED BY: ECA
START DATE: 8-7-20	SAMPLING METHOD: Geoprobe & Hydro Punch		GROUNDWATER ELEV:	LOGGED BY: MJ O'Leary
COMPLETION DATE: 8-7-20	BORING DIA: 2"	CASING DIA: 1"	DATE OF GW MEAS: 8-7-20	CHECKED BY: MJ O'Leary

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
6" concrete & 6" baserock.		CNC		0			
SILTY CLAY: brown, moist, stiff.		CL		5			
GRAVELLY SAND: Light brown moist, med. dense; subangular (pea to 3/4"), fine to medium sand.		SP		10			
				15			
				20			
No log - Switched to hydro punch because of poor water production.				25			
Bottom of Hole @ 27.5'.				30			

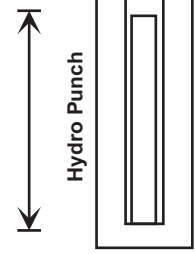


MJOES

TEMPORARY WELL NO. WB4

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe	GROUNDWATER DEPTH: 18.8'	DRILLED BY: ECA
START DATE: 8-6-20	SAMPLING METHOD: Geoprobe & Hydro Punch		GROUNDWATER ELEV:	LOGGED BY: MJ O'Leary
COMPLETION DATE: 8-6-20	BORING DIA: 2"	CASING DIA: 1"	DATE OF GW MEAS: 8-6-20	CHECKED BY: MJ O'Leary

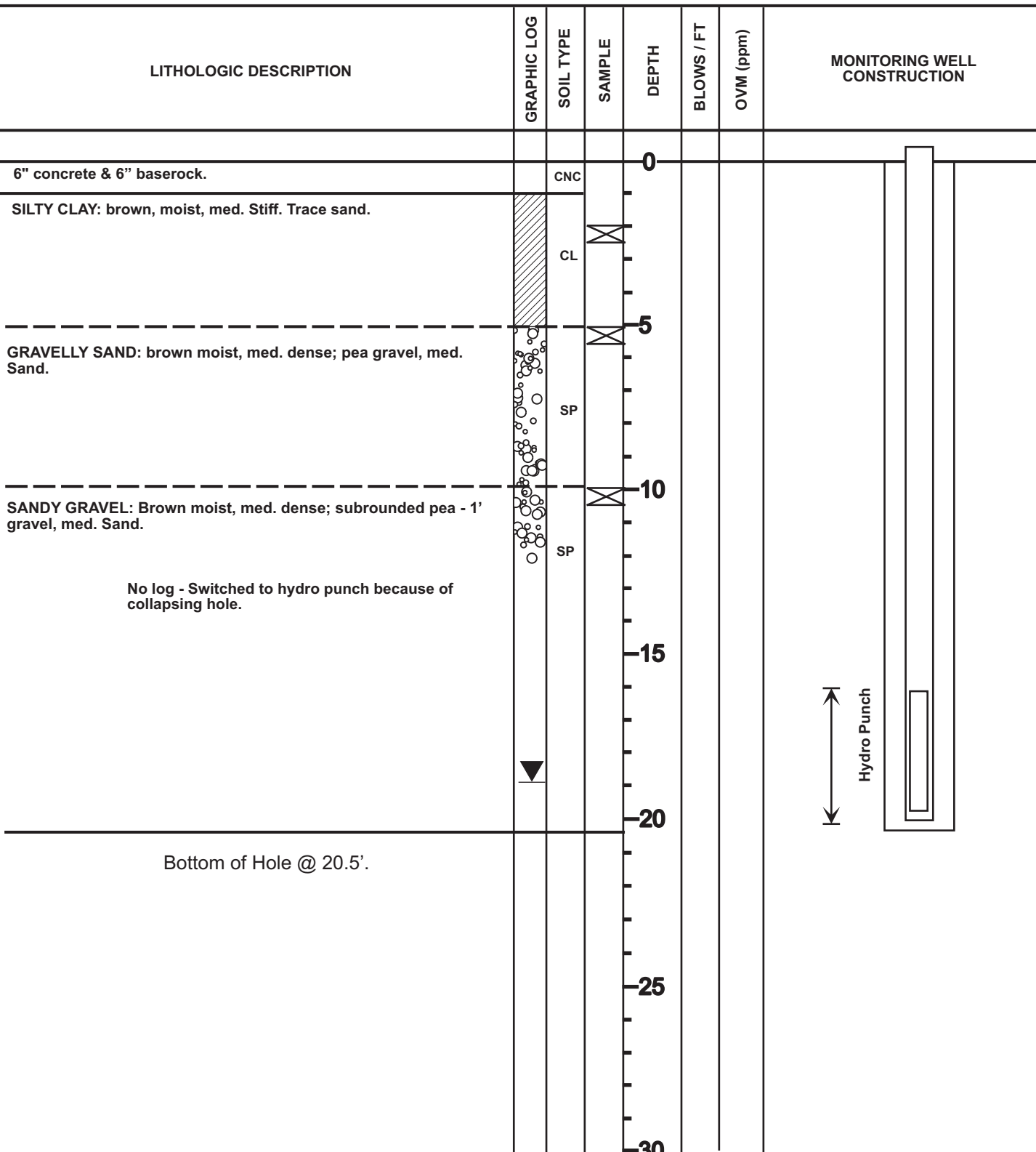
LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
6" concrete & 6" baserock.		CNC		0			
CLAYEY SILT: brown, moist, med. stiff; trace sand and gravel		ML		5			
SILTY CLAY: brown, moist, soft; stiff.		CL		10			
SANDY GRAVEL: brown moist, med. dense; angular gravel (pea to 1/2"), medium to coars sand, poorly sorted.		SP		15			
SILTY CLAY: brown, wet, soft.		CL		20			
Switched to hydro-punch. No log.				25			
Bottom of Hole @ 26'.				30			



MJOES

TEMPORARY WELL NO. WB5

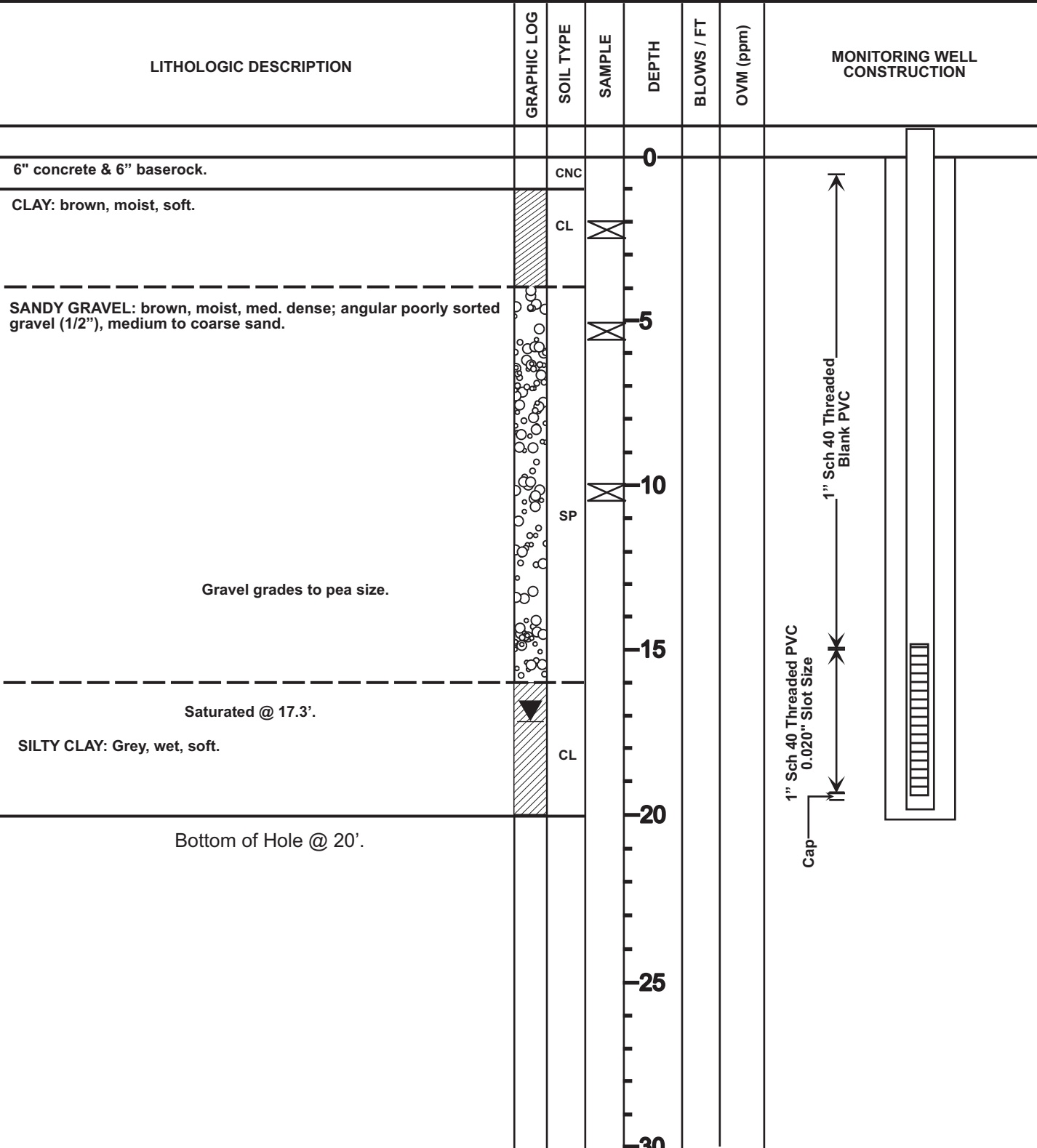
PROJECT: 1St & Verginia, San Jose	DRILLING METHOD: Geoprobe	GROUNDWATER DEPTH: 19.0'	DRILLED BY: ECA
START DATE: 8-7-20	SAMPLING METHOD: Geoprobe & Hydro Punch	GROUNDWATER ELEV:	LOGGED BY: MJ O'Leary
COMPLETION DATE: 8-7-20	BORING DIA: 2" CASING DIA: 1"	DATE OF GW MEAS: 8-7-20	CHECKED BY: MJ O'Leary



MJOES

TEMPORARY WELL NO. WB6

PROJECT: 1St & Verginia, San Jose	DRILLING METHOD: Geoprobe	GROUNDWATER DEPTH: 17.3'	DRILLED BY: ECA
START DATE: 8-5-20	SAMPLING METHOD: Geoprobe & Peristaltic Pmp	GROUNDWATER ELEV:	LOGGED BY: MJ O'Leary
COMPLETION DATE: 8-5-20	BORING DIA: 2" CASING DIA: 1"	DATE OF GW MEAS: 8-5-20	CHECKED BY: MJ O'Leary

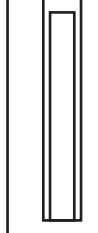


MJOES

TEMPORARY WELL NO. WB7

PROJECT: 1St & Verginia, San Jose		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH: 19.9'		DRILLED BY: ECA	
START DATE: 8-7-20		SAMPLING METHOD: Geoprobe & Hydro Punch		GROUNDWATER ELEV:		LOGGED BY: MJ O'Leary	
COMPLETION DATE: 8-7-20		BORING DIA: 2" CASING DIA: 1"		DATE OF GW MEAS: 8-7-20		CHECKED BY: MJ O'Leary	

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
6" concrete & 6" baserock.		CNC		0			
SILTY CLAY: brown, moist, med. Stiff. Metal debris and rusted granules.		CL		5			
Nails and metal debris.				10			
No log - Switched to hydro punch because of collapsing hole.				15			
				20			
				25			
Bottom of Hole @ 24'.				30			



Hydro Punch

MJOES

TEMPORARY WELL NO. WB8

PROJECT: 1St & Verginia, San Jose DRILLING METHOD: Hollow Stem

GROUNDWATER DEPTH: 17.2'

DRILLED BY: ECA

START DATE: 8-5-20

SAMPLING METHOD: Geoprobe & Peristaltic Pmp

GROUNDWATER ELEV:

LOGGED BY: MJ O'Leary

COMPLETION DATE: 8-5-20

BORING DIA: 2"

CASING DIA: 1"

DATE OF GW MEAS: 8-5-20

CHECKED BY: MJ O'Leary

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	MONITORING WELL CONSTRUCTION
5" concrete & 6" baserock.		CNC		0			
CLAYEY SILT: brown, moist, soft; with pea gravel.		ML		5			
GRAVELLY SAND: lt. brown, moist, med. dense; minor pea gravel.		SP		10			
SILTY CLAY: Brown, wet, stiff.		CL		20			
Bottom of Hole @ 24'.				25			
				30			

1" Sch 40 Threaded Blank PVC
1" Sch 40 Threaded PVC 0.020" Slot Size
Cap

Project #OL072-6.3

MJO Earthscience Services Inc.

Page 1 of 1

MONITORING WELL LOG
1St & Virginia, San Jose Calif.

APPENDIX C – SOIL VAPOR WELL LOGS

SOIL VAPOR BORE LOGS

BORING NO. VS-1

PROJECT: 1St & Virginia, SJ DRILLING METHOD: Geoprobe GROUNDWATER DEPTH: n/a DRILLED BY: ECA
 START DATE: 08-06-20 SAMPLING METHOD: Geoprobe GROUNDWATER ELEV: n/a LOGGED BY: MJO
 COMPLETION DATE: 08-06-20 BORING DIA: 2" CASING DIA: n/a DATE OF GW MEAS: n/a CHECKED BY: MJO

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	NESTED VAPOR PROBE CONSTRUCTION
Concrete 6" & Baserock 6".		CNC		0			0.25" Teflon Tubing Vapor Tip Neat Cement #3 Sand Dry Bentonite
SILTY CLAY: Brown, moist, stiff.		CL		5			
Color change to red.				10			
GRAVELLY SAND: brown, moist, loose; medium grained w/ pea size gravel.		SP		12.5			
Bottom of Hole at 12.5'				15			
				20			
				25			
				30			

BORING NO. VS-2

PROJECT: 1St & Virginia, SJ

DRILLING METHOD: Geoprobe

GROUNDWATER DEPTH: n/a

DRILLED BY: ECA

START DATE: 08-07-20

SAMPLING METHOD: Geoprobe

GROUNDWATER ELEV: n/a

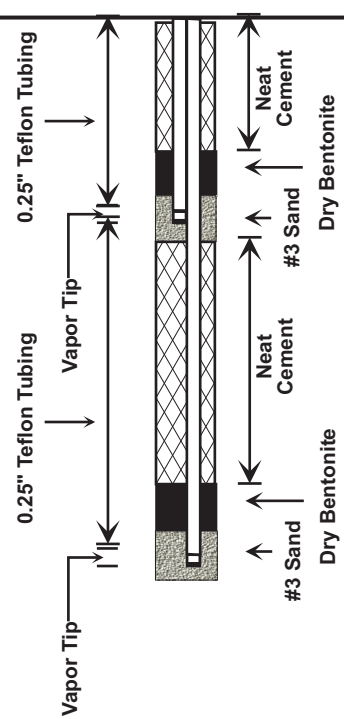
LOGGED BY: MJO

COMPLETION DATE: 08-07-20

BORING DIA: 2" CASING DIA: n/a

DATE OF GW MEAS: n/a

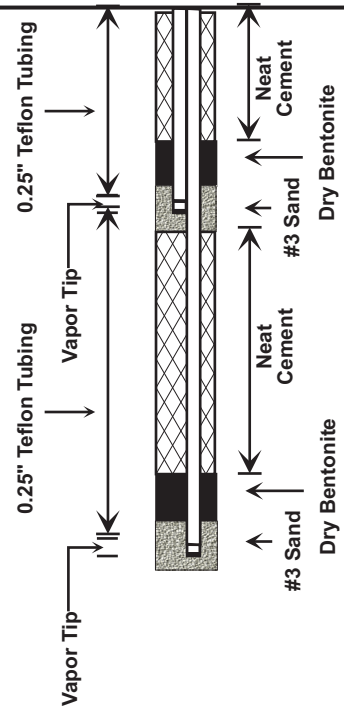
CHECKED BY: MJO

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	NESTED VAPOR PROBE CONSTRUCTION
Concrete 6" & Baserock 6".		CNC		0			
SILTY CLAY: Brown, moist, stiff		CL		5			
Color change to red.				10			
Wood debris possibly from basement frame.				15			
Bottom of Hole at 12.5'				20			
				25			
				30			

VAPOR PROBE LOG

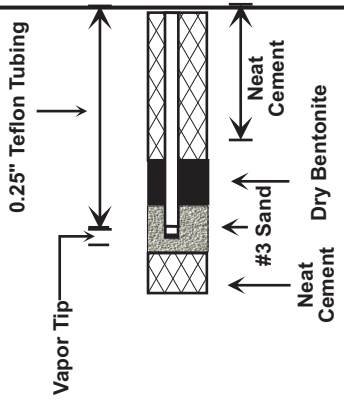
BORING NO. VS-3

PROJECT: 1St & Virginia, SJ DRILLING METHOD: Geoprobe GROUNDWATER DEPTH: n/a DRILLED BY: ECA
START DATE: 08-06-20 SAMPLING METHOD: Geoprobe GROUNDWATER ELEV: n/a LOGGED BY: MJO
COMPLETION DATE: 08-06-20 BORING DIA: 2" CASING DIA: n/a DATE OF GW MEAS: n/a CHECKED BY: MJO

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	NESTED VAPOR PROBE CONSTRUCTION
Concrete 6" & Baserock 6".		CNC		0			
CLAYEY SILT: Brown, moist, med. Stiff.		ML		5			
SANDY GRAVEL; brown moist, loose angular poorly sorted med to coarse sand, 1/2" or less gravel.		SP		10			
CLAYEY SILT: Brown, moist, soft.		ML		12.5			
Bottom of Hole at 12.5'				15			
				20			
				25			
				30			

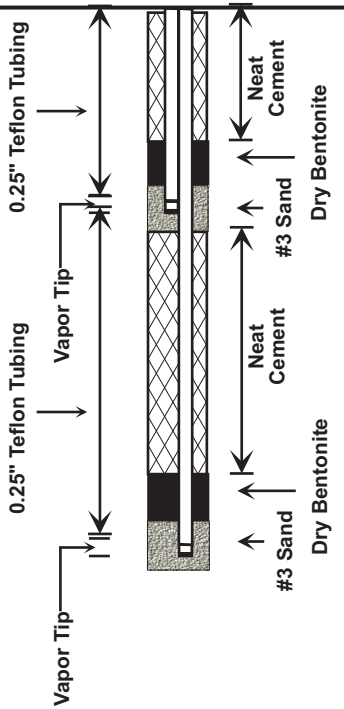
BORING NO. VS-4

PROJECT: 1St & Virginia, SJ	DRILLING METHOD: Geoprobe	GROUNDWATER DEPTH: n/a	DRILLED BY: ECA
START DATE: 08-06-20	SAMPLING METHOD: Geoprobe	GROUNDWATER ELEV: n/a	LOGGED BY: MJO
COMPLETION DATE: 08-06-20	BORING DIA: 2" CASING DIA: n/a	DATE OF GW MEAS: n/a	CHECKED BY: MJO

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	NESTED VAPOR PROBE CONSTRUCTION
Concrete 6" & Baserock 6".		CNC		0			
CLAYEY SILT: Brown, moist, med. Stiff. Trace sand and gravel. Brick and metal debris.		ML					
GRAVELY SAND: brown moist, dense; subangular gravel (1/4" to 1/2"), medium sand well sorted. Significant metal and brick debris.		SP		5			
Bottom of Hole at 6.5'				10			
				15			
				20			
				25			
				30			

BORING NO. VS-5

PROJECT: 1St & Virginia, SJ	DRILLING METHOD: Geoprobe	GROUNDWATER DEPTH: n/a	DRILLED BY: ECA
START DATE: 08-06-20	SAMPLING METHOD: Geoprobe	GROUNDWATER ELEV: n/a	LOGGED BY: MJO
COMPLETION DATE: 08-06-20	BORING DIA: 2" CASING DIA: n/a	DATE OF GW MEAS: n/a	CHECKED BY: MJO

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	NESTED VAPOR PROBE CONSTRUCTION
Concrete 6" & Baserock 6".		CNC		0			
GRAVELLY, SILTY CLAY: Brown, moist, soft; Bits of red brick and other debris down to at least 5'..		CL		5			
GRAVELLY SILT: Brown, moist, soft.		ML		10			
Bottom of Hole at 12.5'				15			
				20			
				25			
				30			

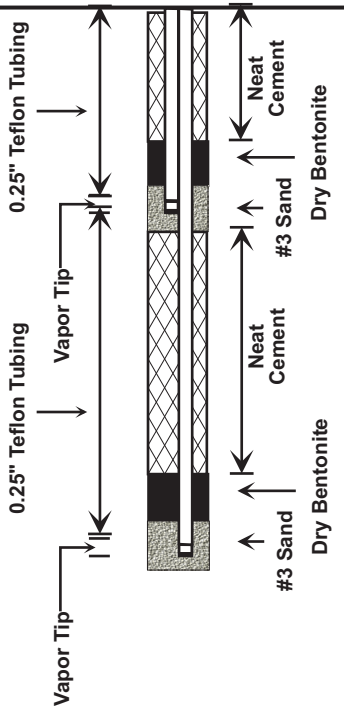
BORING NO. VS-6

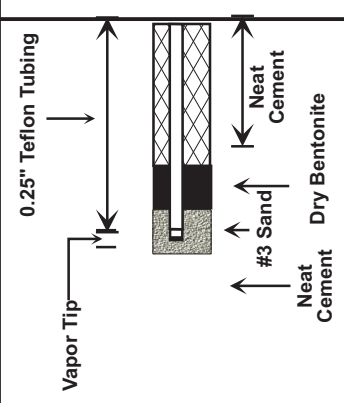
PROJECT: 1St & Virginia, SJ DRILLING METHOD: Geoprobe GROUNDWATER DEPTH: n/a DRILLED BY: ECA
 START DATE: 08-06-20 SAMPLING METHOD: Geoprobe GROUNDWATER ELEV: n/a LOGGED BY: MJO
 COMPLETION DATE: 08-06-20 BORING DIA: 2" CASING DIA: n/a DATE OF GW MEAS: n/a CHECKED BY: MJO

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	NESTED VAPOR PROBE CONSTRUCTION
Concrete 6" & Baserock 6".		CNC		0			0.25" Teflon Tubing Vapor Tip Neat Cement #3 Sand Dry Bentonite
SILTY CLAY: Brown, moist, soft.		CL		5			
SANDY GRAVEL: brown moist, loose; subangular gravel (pea to 1/2"), medium sand well sorted. Med. to fine sand.		SP		10			
Refusal at 10'				10			0.25" Teflon Tubing Vapor Tip Neat Cement #3 Sand Dry Bentonite
Bottom of Hole at 10'				10			
				15			
				20			0.25" Teflon Tubing Vapor Tip Neat Cement #3 Sand Dry Bentonite
				25			
				30			

BORING NO. VS-7

PROJECT: 1St & Virginia, SJ	DRILLING METHOD: Geoprobe	GROUNDWATER DEPTH: n/a	DRILLED BY: ECA
START DATE: 08-06-20	SAMPLING METHOD: Geoprobe	GROUNDWATER ELEV: n/a	LOGGED BY: MJO
COMPLETION DATE: 08-06-20	BORING DIA: 2" CASING DIA: n/a	DATE OF GW MEAS: n/a	CHECKED BY: MJO

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	NESTED VAPOR PROBE CONSTRUCTION
Concrete 6" & Baserock 6".		CNC		0			
CLAYEY SILT: Brown, moist, med. Stiff.		ML		5			
SAND: Brown, moist, firm; fine sand w/ silt.		SP		10			
CLAYEY SILT: Brown, moist, soft.		ML		15			
Bottom of Hole at 12.5'				20			
				25			
				30			

BORING NO. VS-8							
PROJECT: 1St & Virginia, SJ		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH: n/a		DRILLED BY: ECA	
START DATE: 08-06-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV: n/a		LOGGED BY: MJO	
COMPLETION DATE: 08-06-20		BORING DIA: 2" CASING DIA: n/a		DATE OF GW MEAS: n/a		CHECKED BY: MJO	
LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	NESTED VAPOR PROBE CONSTRUCTION
Concrete 6" & Baserock 6".		CNC		0			
CLAYEY SILT: Brown, moist, stiff.		ML					
GRAVELY SAND: brown moist, dense; subangular gravel (1/4" to 1/2"), medium sand well sorted.		SP		5			
Bottom of Hole at 5.5'							
				10			
				15			
				20			
				25			
				30			

Project # OL072-6.2

MJO Earthscience Services Inc.

Page 1 of 1

VAPOR PROBE LOG

BORING NO. VS-9							
PROJECT: 1St & Virginia, SJ		DRILLING METHOD: Geoprobe		GROUNDWATER DEPTH: n/a		DRILLED BY: ECA	
START DATE: 08-06-20		SAMPLING METHOD: Geoprobe		GROUNDWATER ELEV: n/a		LOGGED BY: MJO	
COMPLETION DATE: 08-06-20		BORING DIA: 2" CASING DIA: n/a		DATE OF GW MEAS: n/a		CHECKED BY: MJO	
LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	NESTED VAPOR PROBE CONSTRUCTION
Concrete 6" & Baserock 6".		CNC		0			
CLAYEY SILT: Brown, moist, med. Stiff. Trace sand and gravel.		ML		5			
GRAVELY SAND: brown moist, dense; subangular gravel (1/4" to 1/2"), medium sand well sorted. Significant metal and brick debris to 4'.		SP		10			
Poorly sorted.				15			
Bottom of Hole at 12.5'				20			
				25			
				30			

BORING NO. VS-10

PROJECT: 1St & Virginia, SJ

DRILLING METHOD: Geoprobe

GROUNDWATER DEPTH: n/a

DRILLED BY: ECA

START DATE: 08-06-20

SAMPLING METHOD: Geoprobe

GROUNDWATER ELEV: n/a

LOGGED BY: MJO

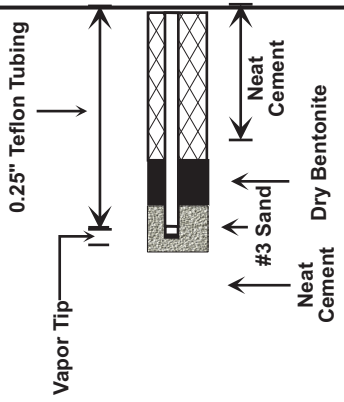
COMPLETION DATE: 08-06-20

BORING DIA: 2"

CASING DIA: n/a

DATE OF GW MEAS: n/a

CHECKED BY: MJO

LITHOLOGIC DESCRIPTION	GRAPHIC LOG	SOIL TYPE	SAMPLE	DEPTH	BLOWS / FT	OVM (ppm)	NESTED VAPOR PROBE CONSTRUCTION
Concrete 6" & Baserock 6".		CNC		0			
SILTY CLAY: Brown, moist, soft.		CL		5			
Bottom of Hole at 5.5'				30			

**APPENDIX D – LABORATORY REPORTS
&
CHAIN OF CUSTODY DOCUMENTATION**



MJO Earthscience Services
15466 Los Gatos Blvd, #109-142
Los Gatos, California 95032
Tel: 8316881007
Fax: 8316881079
RE: 1st & 2nd at Virginia St. San Jose

Work Order No.: 2008057

Dear Michael O'Leary:

Torrent Laboratory, Inc. received 8 sample(s) on August 05, 2020 for the analyses presented in the following Report.

Four samples were submitted on hold.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive, flowing style.

Kathie Evans
Project Manager

August 11, 2020

Date



Date: 8/11/2020

Client: MJO Earthscience Services

Project: 1st & 2nd at Virginia St. San Jose

Work Order: 2008057

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.

Data is reported on a dry weight basis.

Analytical Comments for method 6010B, 2008057-003A MS/MSD, QC Preparation Batch ID 1124332, Note: The % recoveries for Chromium, Nickel, Zinc are outside of laboratory control limits but % RPD is within limits. The associated LCS/LCSD is within both % Recovery and %RPD limits. No corrective action required.



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/05/20

Date Reported: 08/11/20

SB51@2

2008057-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.4	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.14	%
Arsenic	SW6010B	1	0.17	1.48	7.01	mg/Kg
Chromium	SW6010B	1	0.086	5.70	58.1	mg/Kg
Lead	SW6010B	1	0.11	3.42	12.5	mg/Kg
Nickel	SW6010B	1	0.57	5.70	90.1	mg/Kg
Zinc	SW6010B	1	0.34	5.70	67.8	mg/Kg

SB52@2

2008057-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.2	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.14	%
Arsenic	SW6010B	1	0.17	1.48	6.16	mg/Kg
Chromium	SW6010B	1	0.086	5.70	69.5	mg/Kg
Lead	SW6010B	1	0.11	3.42	12.7	mg/Kg
Nickel	SW6010B	1	0.57	5.70	84.9	mg/Kg
Zinc	SW6010B	1	0.34	5.70	70.1	mg/Kg

SB53@2

2008057-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.4	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.15	%
Arsenic	SW6010B	1	0.17	1.50	7.42	mg/Kg
Chromium	SW6010B	1	0.086	5.75	62.7	mg/Kg
Lead	SW6010B	1	0.12	3.45	13.9	mg/Kg
Nickel	SW6010B	1	0.58	5.75	95.5	mg/Kg
Zinc	SW6010B	1	0.35	5.75	75.3	mg/Kg

SB54@2

2008057-007

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	13.4	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.13	%
Arsenic	SW6010B	1	0.17	1.47	6.84	mg/Kg
Chromium	SW6010B	1	0.085	5.65	59.9	mg/Kg
Lead	SW6010B	1	0.11	3.39	14.0	mg/Kg
Nickel	SW6010B	1	0.57	5.65	92.1	mg/Kg
Zinc	SW6010B	1	0.34	5.65	71.8	mg/Kg



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB51@2	Lab Sample ID:	2008057-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:24		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.7	11	ND		mg/Kg	08/11/20	1:30	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB51@2	Lab Sample ID:	2008057-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:24		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	3050B	Prep Batch Date/Time:	8/7/20 5:45:00PM
Prep Batch ID:	1124332	Prep Analyst:	TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.48	7.01		mg/Kg	08/08/20	16:00	TMN	449594
Cadmium	SW6010B	1	0.11	5.70	ND		mg/Kg	08/08/20	16:00	TMN	449594
Chromium	SW6010B	1	0.086	5.70	58.1		mg/Kg	08/08/20	16:00	TMN	449594
Lead	SW6010B	1	0.11	3.42	12.5		mg/Kg	08/08/20	16:00	TMN	449594
Nickel	SW6010B	1	0.57	5.70	90.1		mg/Kg	08/08/20	16:00	TMN	449594
Zinc	SW6010B	1	0.34	5.70	67.8		mg/Kg	08/08/20	16:00	TMN	449594



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB51@2	Lab Sample ID:	2008057-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:24		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.4		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.14		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB51@2	Lab Sample ID:	2008057-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:24		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.97	2.3	ND		mg/Kg	08/10/20	21:18	MK	449632
TPH as Motor Oil (SG)	SW8015B	1	3.6	11	ND		mg/Kg	08/10/20	21:18	MK	449632
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		53.3		%	08/10/20	21:18	MK	449632



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB51@2	Lab Sample ID:	2008057-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:24		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Chloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Bromomethane	SW8260B	1	3.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Chloroethane	SW8260B	1	3.4	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Trichlorofluoromethane	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Methylene Chloride	SW8260B	1	8.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
trans-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	4:08	AD	449618
MTBE	SW8260B	1	2.7	11	ND		ug/Kg	08/11/20	4:08	AD	449618
TBA	SW8260B	1	13	57	ND		ug/Kg	08/11/20	4:08	AD	449618
Diisopropyl ether	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Ethyl tert-Butyl ether	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	4:08	AD	449618
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	4:08	AD	449618
2,2-Dichloropropane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Bromochloromethane	SW8260B	1	2.7	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Chloroform	SW8260B	1	2.7	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,1,1-Trichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,1-Dichloropropene	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	4:08	AD	449618
TAME	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Trichloroethylene	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Dibromomethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	4:08	AD	449618
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Toluene	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Tetrachloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:08	AD	449618
trans-1,3-Dichloropropene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,1,2-Trichloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,3-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,2-Dibromoethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Chlorobenzene	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB51@2	Lab Sample ID:	2008057-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:24		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	4:08	AD	449618
m,p-Xylene	SW8260B	1	3.6	11	ND		ug/Kg	08/11/20	4:08	AD	449618
o-Xylene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Styrene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Bromoform	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	4:08	AD	449618
n-Propylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Bromobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	4:08	AD	449618
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,3,5-Trimethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,2,3-Trichloropropane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	4:08	AD	449618
4-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:08	AD	449618
tert-Butylbenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,2,4-Trimethylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	4:08	AD	449618
sec-Butyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	4:08	AD	449618
p-Isopropyltoluene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,3-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,4-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	4:08	AD	449618
n-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Hexachlorobutadiene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,2,4-Trichlorobenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	4:08	AD	449618
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:08	AD	449618
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:08	AD	449618
2-Butanone	SW8260B	1	2.6	11.4	ND		ug/Kg	08/11/20	4:08	AD	449618
(S) Dibromofluoromethane	SW8260B		59.8 - 148		87.2		%	08/11/20	4:08	AD	449618
(S) Toluene-d8	SW8260B		55.2 - 133		107		%	08/11/20	4:08	AD	449618
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		90.5		%	08/11/20	4:08	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB51@2	Lab Sample ID:	2008057-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:24		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/10/20 11:16:00PM
Prep Batch ID:	1124411	Prep Analyst:	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	49	110	ND		ug/Kg	08/11/20	4:08	AD	449618
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		50.5		%	08/11/20	4:08	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB52@2	Lab Sample ID:	2008057-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:14		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.7	11	ND		mg/Kg	08/11/20	1:38	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB52@2	Lab Sample ID:	2008057-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:14		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method: 3050B	Prep Batch Date/Time: 8/7/20 5:45:00PM
Prep Batch ID: 1124332	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.48	6.16		mg/Kg	08/08/20	16:08	TMN	449594
Cadmium	SW6010B	1	0.11	5.70	ND		mg/Kg	08/08/20	16:08	TMN	449594
Chromium	SW6010B	1	0.086	5.70	69.5		mg/Kg	08/08/20	16:08	TMN	449594
Lead	SW6010B	1	0.11	3.42	12.7		mg/Kg	08/08/20	16:08	TMN	449594
Nickel	SW6010B	1	0.57	5.70	84.9		mg/Kg	08/08/20	16:08	TMN	449594
Zinc	SW6010B	1	0.34	5.70	70.1		mg/Kg	08/08/20	16:08	TMN	449594



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB52@2	Lab Sample ID:	2008057-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:14		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.2		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.14		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB52@2	Lab Sample ID:	2008057-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:14		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.97	2.3	ND		mg/Kg	08/10/20	21:42	MK	449632
TPH as Motor Oil (SG)	SW8015B	1	3.6	11	ND		mg/Kg	08/10/20	21:42	MK	449632
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		54.2		%	08/10/20	21:42	MK	449632



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB52@2	Lab Sample ID:	2008057-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:14		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Chloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Bromomethane	SW8260B	1	3.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Chloroethane	SW8260B	1	3.4	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Trichlorofluoromethane	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Methylene Chloride	SW8260B	1	8.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
trans-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	4:38	AD	449618
MTBE	SW8260B	1	2.7	11	ND		ug/Kg	08/11/20	4:38	AD	449618
TBA	SW8260B	1	13	57	ND		ug/Kg	08/11/20	4:38	AD	449618
Diisopropyl ether	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Ethyl tert-Butyl ether	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	4:38	AD	449618
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	4:38	AD	449618
2,2-Dichloropropane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Bromochloromethane	SW8260B	1	2.7	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Chloroform	SW8260B	1	2.7	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,1,1-Trichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,1-Dichloropropene	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	4:38	AD	449618
TAME	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Trichloroethylene	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Dibromomethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	4:38	AD	449618
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Toluene	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Tetrachloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:38	AD	449618
trans-1,3-Dichloropropene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,1,2-Trichloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,3-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,2-Dibromoethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Chlorobenzene	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB52@2	Lab Sample ID:	2008057-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:14		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	4:38	AD	449618
m,p-Xylene	SW8260B	1	3.6	11	ND		ug/Kg	08/11/20	4:38	AD	449618
o-Xylene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Styrene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Bromoform	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	4:38	AD	449618
n-Propylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Bromobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	4:38	AD	449618
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,3,5-Trimethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,2,3-Trichloropropane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	4:38	AD	449618
4-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:38	AD	449618
tert-Butylbenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,2,4-Trimethylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	4:38	AD	449618
sec-Butyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	4:38	AD	449618
p-Isopropyltoluene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,3-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,4-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	4:38	AD	449618
n-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Hexachlorobutadiene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,2,4-Trichlorobenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	4:38	AD	449618
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:38	AD	449618
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	4:38	AD	449618
2-Butanone	SW8260B	1	2.6	11.4	ND		ug/Kg	08/11/20	4:38	AD	449618
(S) Dibromofluoromethane	SW8260B		59.8 - 148		88.8		%	08/11/20	4:38	AD	449618
(S) Toluene-d8	SW8260B		55.2 - 133		108		%	08/11/20	4:38	AD	449618
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		91.0		%	08/11/20	4:38	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB52@2	Lab Sample ID:	2008057-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:14		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/10/20 11:16:00PM
Prep Batch ID:	1124411	Prep Analyst:	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	49	110	ND		ug/Kg	08/11/20	4:38	AD	449618
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		51.1		%	08/11/20	4:38	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB53@2	Lab Sample ID:	2008057-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:25		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.8	12	ND		mg/Kg	08/11/20	1:47	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB53@2	Lab Sample ID:	2008057-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:25		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method: 3050B	Prep Batch Date/Time: 8/7/20 5:45:00PM
Prep Batch ID: 1124332	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.50	7.42		mg/Kg	08/08/20	16:30	TMN	449594
Cadmium	SW6010B	1	0.12	5.75	ND		mg/Kg	08/08/20	16:30	TMN	449594
Chromium	SW6010B	1	0.086	5.75	62.7		mg/Kg	08/08/20	16:30	TMN	449594
Lead	SW6010B	1	0.12	3.45	13.9		mg/Kg	08/08/20	16:30	TMN	449594
Nickel	SW6010B	1	0.58	5.75	95.5		mg/Kg	08/08/20	16:30	TMN	449594
Zinc	SW6010B	1	0.35	5.75	75.3		mg/Kg	08/08/20	16:30	TMN	449594



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB53@2	Lab Sample ID:	2008057-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:25		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.4		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.15		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB53@2	Lab Sample ID:	2008057-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:25		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.98	2.3	ND		mg/Kg	08/10/20	22:05	MK	449632
TPH as Motor Oil (SG)	SW8015B	1	3.7	12	ND		mg/Kg	08/10/20	22:05	MK	449632
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		61.2		%	08/10/20	22:05	MK	449632



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB53@2	Lab Sample ID:	2008057-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:25		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Chloromethane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Vinyl Chloride	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Bromomethane	SW8260B	1	3.1	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Chloroethane	SW8260B	1	3.5	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Trichlorofluoromethane	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,1-Dichloroethene	SW8260B	1	2.3	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Freon 113	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Methylene Chloride	SW8260B	1	8.2	12	ND		ug/Kg	08/11/20	5:07	AD	449618
trans-1,2-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	5:07	AD	449618
MTBE	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	5:07	AD	449618
TBA	SW8260B	1	13	58	ND		ug/Kg	08/11/20	5:07	AD	449618
Diisopropyl ether	SW8260B	1	2.6	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,1-Dichloroethane	SW8260B	1	2.5	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Ethyl tert-Butyl ether	SW8260B	1	2.6	12	ND		ug/Kg	08/11/20	5:07	AD	449618
cis-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	08/11/20	5:07	AD	449618
2,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Bromochloromethane	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Chloroform	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Carbon Tetrachloride	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,1,1-Trichloroethane	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,1-Dichloropropene	SW8260B	1	2.3	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Benzene	SW8260B	1	2.6	12	ND		ug/Kg	08/11/20	5:07	AD	449618
TAME	SW8260B	1	2.6	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,2-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Trichloroethylene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Dibromomethane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,2-Dichloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Bromodichloromethane	SW8260B	1	2.3	12	ND		ug/Kg	08/11/20	5:07	AD	449618
cis-1,3-Dichloropropene	SW8260B	1	1.8	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Toluene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Tetrachloroethylene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	5:07	AD	449618
trans-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,1,2-Trichloroethane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,3-Dichloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,2-Dibromoethane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Chlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	5:07	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB53@2	Lab Sample ID:	2008057-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:25		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	5:07	AD	449618
m,p-Xylene	SW8260B	1	3.6	12	ND		ug/Kg	08/11/20	5:07	AD	449618
o-Xylene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Styrene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Bromoform	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	5:07	AD	449618
n-Propylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Bromobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	5:07	AD	449618
2-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,3,5-Trimethylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,2,3-Trichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	5:07	AD	449618
4-Chlorotoluene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	5:07	AD	449618
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	08/11/20	5:07	AD	449618
sec-Butyl Benzene	SW8260B	1	1.8	12	ND		ug/Kg	08/11/20	5:07	AD	449618
p-Isopropyltoluene	SW8260B	1	1.7	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,3-Dichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,4-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	5:07	AD	449618
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,2-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,2,4-Trichlorobenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/11/20	5:07	AD	449618
Naphthalene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	5:07	AD	449618
1,2,3-Trichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	5:07	AD	449618
2-Butanone	SW8260B	1	2.6	11.5	ND		ug/Kg	08/11/20	5:07	AD	449618
(S) Dibromofluoromethane	SW8260B		59.8 - 148		93.1		%	08/11/20	5:07	AD	449618
(S) Toluene-d8	SW8260B		55.2 - 133		107		%	08/11/20	5:07	AD	449618
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		89.1		%	08/11/20	5:07	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB53@2	Lab Sample ID:	2008057-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:25		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/10/20 11:16:00PM
Prep Batch ID:	1124411	Prep Analyst:	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	50	120	ND		ug/Kg	08/11/20	5:07	AD	449618
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		47.4		%	08/11/20	5:07	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB54@2	Lab Sample ID:	2008057-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:00		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.7	11	ND		mg/Kg	08/11/20	1:55	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB54@2	Lab Sample ID:	2008057-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:00		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method: 3050B	Prep Batch Date/Time: 8/7/20 5:45:00PM
Prep Batch ID: 1124332	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.47	6.84		mg/Kg	08/08/20	16:33	TMN	449594
Cadmium	SW6010B	1	0.11	5.65	ND		mg/Kg	08/08/20	16:33	TMN	449594
Chromium	SW6010B	1	0.085	5.65	59.9		mg/Kg	08/08/20	16:33	TMN	449594
Lead	SW6010B	1	0.11	3.39	14.0		mg/Kg	08/08/20	16:33	TMN	449594
Nickel	SW6010B	1	0.57	5.65	92.1		mg/Kg	08/08/20	16:33	TMN	449594
Zinc	SW6010B	1	0.34	5.65	71.8		mg/Kg	08/08/20	16:33	TMN	449594



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB54@2	Lab Sample ID:	2008057-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:00		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	13.4		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.13		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB54@2	Lab Sample ID:	2008057-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:00		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.96	2.3	ND		mg/Kg	08/10/20	22:29	MK	449632
TPH as Motor Oil (SG)	SW8015B	1	3.6	11	ND		mg/Kg	08/10/20	22:29	MK	449632
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		61.6		%	08/10/20	22:29	MK	449632



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB54@2	Lab Sample ID:	2008057-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:00		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Chloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Chloroethane	SW8260B	1	3.4	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Methylene Chloride	SW8260B	1	8.0	11	ND		ug/Kg	08/11/20	5:36	AD	449618
trans-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	5:36	AD	449618
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	5:36	AD	449618
TBA	SW8260B	1	13	57	ND		ug/Kg	08/11/20	5:36	AD	449618
Diisopropyl ether	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Ethyl tert-Butyl ether	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	5:36	AD	449618
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	5:36	AD	449618
2,2-Dichloropropane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Chloroform	SW8260B	1	2.7	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,1,1-Trichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	5:36	AD	449618
TAME	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Dibromomethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	5:36	AD	449618
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Toluene	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Tetrachloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	5:36	AD	449618
trans-1,3-Dichloropropene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,1,2-Trichloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,3-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	5:36	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB54@2	Lab Sample ID:	2008057-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:00		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	5:36	AD	449618
m,p-Xylene	SW8260B	1	3.6	11	ND		ug/Kg	08/11/20	5:36	AD	449618
o-Xylene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Styrene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Bromoform	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	5:36	AD	449618
n-Propylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Bromobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	5:36	AD	449618
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,3,5-Trimethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	5:36	AD	449618
4-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	5:36	AD	449618
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	08/11/20	5:36	AD	449618
sec-Butyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	5:36	AD	449618
p-Isopropyltoluene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,3-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	5:36	AD	449618
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,2,4-Trichlorobenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	5:36	AD	449618
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	5:36	AD	449618
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	5:36	AD	449618
2-Butanone	SW8260B	1	2.6	11.3	ND		ug/Kg	08/11/20	5:36	AD	449618
(S) Dibromofluoromethane	SW8260B		59.8 - 148		82.2		%	08/11/20	5:36	AD	449618
(S) Toluene-d8	SW8260B		55.2 - 133		108		%	08/11/20	5:36	AD	449618
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		89.2		%	08/11/20	5:36	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/11/20

Client Sample ID:	SB54@2	Lab Sample ID:	2008057-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:00		
SDG:			
Tag Number:	Parking, Wheel Works		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/10/20 11:16:00PM
Prep Batch ID:	1124411	Prep Analyst:	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	49	110	ND		ug/Kg	08/11/20	5:36	AD	449618
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		47.8		%	08/11/20	5:36	AD	449618



MB Summary Report

Work Order:	2008057	Prep Method:	3050B	Prep Date:	08/07/20	Prep Batch:	1124332
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	8/8/2020	Analytical Batch:	449594
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	0.48	
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	ND	
Beryllium	0.055	5.00	ND	
Cadmium	0.10	5.00	ND	
Chromium	0.075	5.00	0.11	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	1.30	ND	
Molybdenum	0.050	5.00	0.13	
Nickel	0.50	5.00	ND	
Selenium	0.22	5.00	0.23	
Silver	0.15	5.00	ND	
Thallium	0.20	5.00	ND	
Vanadium	0.10	5.00	0.12	
Zinc	0.30	5.00	0.81	

Work Order:	2008057	Prep Method:	3546_TPHSG	Prep Date:	08/08/20	Prep Batch:	1124339
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/8/2020	Analytical Batch:	449574
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel (SG)	0.85	2.0	ND	
TPH as Motor Oil (SG)	3.2	10	ND	
Pentacosane (S)			70.1	

Work Order:	2008057	Prep Method:	% Water-P	Prep Date:	08/07/20	Prep Batch:	1124356
Matrix:	Soil	Analytical Method:	ASTM D2216-90	Analyzed Date:	8/8/2020	Analytical Batch:	449566
Units:	%						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Moisture, Percent	0.050	0.050	ND	



MB Summary Report

Work Order:	2008057	Prep Method:	5035	Prep Date:	08/10/20	Prep Batch:	1124409
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449618
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
TBA	12	50	ND	
Diisopropyl ether	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
Ethyl tert-Butyl ether	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethylbenzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	



MB Summary Report

Work Order:	2008057	Prep Method:	5035	Prep Date:	08/10/20	Prep Batch:	1124409
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449618
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	1.8	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
4-Methyl-2-Pentanone (MIBK)	2.0	50	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			92.5	
(S) Toluene-d8			98.8	
(S) 4-Bromofluorobenzene			93.9	

Work Order:	2008057	Prep Method:	5035GRO	Prep Date:	08/10/20	Prep Batch:	1124411
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449618
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			76.1	



MB Summary Report

Work Order:	2008057	Prep Method:	Glycol-S-P	Prep Date:	08/10/20	Prep Batch:	1124434
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/10/2020	Analytical Batch:	449645
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Ethylene Glycol	5.0	10	5.52		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008057	Prep Method:	3050B	Prep Date:	08/07/20	Prep Batch:	1124332
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	8/8/2020	Analytical Batch:	449594
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	0.48	50	103	102	0.976	80 - 120	30	
Arsenic	0.15	1.30	ND	50	97.1	97.2	0.000	80 - 120	30	
Barium	0.055	5.00	ND	50	103	103	0.000	80 - 120	30	
Beryllium	0.055	5.00	ND	50	106	106	0.000	80 - 120	30	
Cadmium	0.10	5.00	ND	50	99.4	101	1.60	80 - 120	30	
Chromium	0.075	5.00	0.11	50	102	104	1.94	80 - 120	30	
Cobalt	0.070	5.00	ND	50	102	102	0.000	80 - 120	30	
Copper	0.20	5.00	ND	50	106	106	0.000	80 - 120	30	
Lead	0.10	3.00	ND	50	99.6	99.4	0.201	80 - 120	30	
Molybdenum	0.050	5.00	0.13	50	104	105	0.957	80 - 120	30	
Nickel	0.50	5.00	ND	50	102	103	0.976	80 - 120	30	
Selenium	0.22	5.00	0.23	50	90.1	89.8	0.444	80 - 120	30	
Silver	0.15	5.00	ND	50	99.3	99.8	0.402	80 - 120	30	
Thallium	0.20	5.00	ND	50	100	101	0.995	80 - 120	30	
Vanadium	0.10	5.00	0.12	50	103	104	0.966	80 - 120	30	
Zinc	0.30	5.00	0.81	50	99.8	100	0.200	80 - 120	30	

Work Order:	2008057	Prep Method:	3546_TPHSG	Prep Date:	08/08/20	Prep Batch:	1124339
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/8/2020	Analytical Batch:	449574
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.85	2.0	ND	25.0	42.7	44.5	3.67	40 - 110	30	
Pentacosane (S)			ND	200	100	92.5		40 - 129		

Work Order:	2008057	Prep Method:	5035	Prep Date:	08/10/20	Prep Batch:	1124409
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449618
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	82.4	78.3	4.98	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	97.7	92.0	5.91	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	93.8	93.3	0.642	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	96.2	94.3	1.89	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	97.5	94.0	3.76	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	108	103		59.8 - 148		
(S) Toluene-d8				50.0	106	100		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	105	96.8		55.8 - 141		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008057	Prep Method:	5035GRO	Prep Date:	08/10/20	Prep Batch:	1124411
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449618
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	ND	1000	93.6	94.4	0.851	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	80.6	81.2		43.9 - 127		

Work Order:	2008057	Prep Method:	Glycol-S-P	Prep Date:	08/10/20	Prep Batch:	1124434
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/10/2020	Analytical Batch:	449645
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Ethylene Glycol	5.0	10	5.52	200	106	102		60 - 140	30	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008057	Prep Method:	3050B	Prep Date:	08/07/20	Prep Batch:	1124332
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/08/2020	Analytical Batch:	449594
Spiked Sample:	2008057-003A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Arsenic	0.15	1.30	6.16	50	82.7	82.1	0.634	71.0 - 121	30	
Cadmium	0.10	5.00	ND	50	89.2	90.1	1.09	80.0 - 110	30	
Chromium	0.075	5.00	69.5	50	32.0	34.0	1.16	76.0 - 116	30	S
Lead	0.10	3.00	12.7	50	84.6	84.6	0.000	57.9 - 118	30	
Nickel	0.50	5.00	84.9	50	31.2	34.2	0.985	61.5 - 122	30	S
Zinc	0.30	5.00	70.1	50	46.8	49.8	1.59	59.9 - 122	30	S



Duplicate QC Summary Report

Work Order:	2008057	Prep Method:	% Water-P	Prep Date:	8/7/2020	Prep Batch:	1124356
Matrix:		Analytical Method:	ASTM D2216-90	Analyzed Date:	08/08/20	Analytical Batch:	449566
Units:						Lab Sample ID:	2008057-001A-DUP-1124356

Parameters	<u>MDL</u>	<u>PQL</u>	<u>Sample Result</u>	<u>Duplicate Result</u>	<u>% RPD</u>	
Moisture, Percent	0.050	0.0500	14.4	14.3	0.70	



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg/m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm ² surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H - Indicates that the recommended holding time for the analyte or compound has been exceeded
J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S - Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.



Sample Receipt Checklist

Client Name: MJO Earthscience Services

Date and Time Received: 8/5/2020 2:25:00PM

Project Name: 1st & 2nd at Virginia St. San Jose

Received By: Lorna Imbat

Work Order No.: 2008057

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	<u>Yes</u>
Chain of custody signed when relinquished and received?	<u>Yes</u>
Chain of custody agrees with sample labels?	<u>Yes</u>
Custody seals intact on sample bottles?	<u>Not Present</u>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	<u>Not Present</u>
Shipping Container/Cooler In Good Condition?	<u>Yes</u>
Samples in proper container/bottle?	<u>Yes</u>
Samples containers intact?	<u>Yes</u>
Sufficient sample volume for indicated test?	<u>Yes</u>

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	<u>Yes</u>
Container/Temp Blank temperature in compliance?	Temperature: 9.0 °C
Water-VOA vials have zero headspace?	<u>No VOA vials submitted</u>
Water-pH acceptable upon receipt?	<u>N/A</u>
pH Checked by: N/A	pH Adjusted by: N/A

Comments:

Samples transported on ice



Login Summary Report

Client ID: TL5200 MJO Earthscience Services
Project Name: 1st & 2nd at Virginia St. San Jose
Project # : OL072-6.4
Report Due Date: 8/11/2020

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 8/5/2020
Time Received: 2:25 pm

Comments:

Work Order # : 2008057

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2008057-001A	SB51@2	08/05/20 7:24	Soil	02/01/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
Sample Note: VOCs/TPHg; TPHd/mo with SGC; 8015-Ethylene Glycol; 6010-As, Cd, Cr, Pb, Ni, Zn *Report all data on Dry weight basis								
2008057-002A	SB51@4	08/05/20 7:24	Soil	09/19/20				
2008057-003A	SB52@2	08/05/20 8:14	Soil	02/01/21			Hold Samples	
							Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008057-004A	SB52@4	08/05/20 8:14	Soil	02/01/21				
2008057-005A	SB53@2	08/05/20 8:25	Soil	02/01/21			Hold Samples	
							Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008057-006A	SB53@4	08/05/20 8:25	Soil	02/01/21				
2008057-007A	SB54@2	08/05/20 8:00	Soil	02/01/21			Hold Samples	
							Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST	



Login Summary Report

Client ID: TL5200 MJO Earthscience Services

Project Name: 1st & 2nd at Virginia St. San Jose

Project # : OL072-6.4

Report Due Date: 8/11/2020

QC Level: II

TAT Requested: 3 Day Std:3

Date Received: 8/5/2020

Time Received: 2:25 pm

Comments:

Work Order # : **2008057**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2008057-008A	SB54@4	08/05/20 8:00	Soil	02/01/21			Met_S_6010CAM17 DryW Hold Samples	



2008057

Laboratory Name: Torrent Laboratory, Inc. 483 Sinclair Frontage Road Milpitas, California 95035 (408) 263-5258						CHAIN-OF-CUSTODY * Take soil sample from black cap end (top) of tube.						MJO Earthscience Services PO Box 624 Los Gatos, CA 95031-0624 Phn: (831) 688-1007 Attn: Michael O'Leary							
Project No: OL072-6.4		Site Name and Address: 1 st & 2 nd at Virginia St. San Jose				Analyses Requested													
Sampler (signature): <i>R. Blomquist</i>					Company <i>Denali</i>					No. Containers	TPHig VOCs (e260B)	TPH d, mo	Silica Gel Cln	Ethyl Glycol (8015B)	Pb (6010B)	LUFT Metals+As	Moisture Content	Preservatives	Turn Around Time And Remarks
Sample No.	Date 2020	Time	Soil	Water	Location of Sample	Chill	Standard												
SB51@2	8-5-20	1724	X		Parking, Wheel Works	1	X	X	X	X		X	X						
SB51@4		724	X		Parking, Wheel Works	1												Hold	
SB52@2		814	X		Parking, Wheel Works	1	X	X	X	X		X	X						
SB52@4		814	X		Parking, Wheel Works	1												Hold	
SB53@2		825	X		Parking, Wheel Works	1	X	X	X	X		X	X						
SB53@4		825	X		Parking, Wheel Works	1												Hold	
SB54@2		800	X		Parking, Wheel Works	1	X	X	X	X		X	X						
SB54@4		800	X		Parking, Wheel Works	1												Hold	
SB55@2			X		Perimeter, Lead Area	1						X	X						
SB55@4			X		Perimeter, Lead Area	1						X	X						
SB56@2			X		Perimeter, Lead Area	1						X	X						
SB56@4			X		Perimeter, Lead Area	1						X	X						
SB57@2			X		Perimeter, Lead Area	1						X	X						
SB57@4			X		Perimeter, Lead Area	1						X	X						
SB58@2			X		Perimeter, Lead Area	1						X	X						
SB58@4			X		Perimeter, Lead Area	1						X	X						

Relinquished by (signature): <i>R. Blomquist</i>	Date: 8-5-20	Time: 1425	Received by (signature): <i>L.D. Imbert</i>	The following MUST be completed by the LABORATORY accepting samples: 1) Have all samples been stored on ice? ☒ 2) Do any VOA containers have headspace? <i>N/A</i> 3) Were samples intact and in proper containers? ☒
Relinquished by (signature):	Date:	Time:	Received by (signature):	
Relinquished by (signature):	Date:	Time:	Received for LABORATORY by (signature):	

* Samples were received 8/5/20 at the laboratory without a Chain-of-Custody form. COC received from client via email 8/12/20. D/U Temp = 8.9°C #2



483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO

2008057

Company Name: <u>MJO Earthcare</u>	☐ Env. ☐ Special	Project #: <u>D/Amico</u>	PO #:
Address: <u>PO Box 624</u>		Project Name:	
City: <u>Los Gatos,</u>	State: <u>CA</u>	Zip Code:	Comments:
Telephone: <u>831 688-0077</u>	Cell:	SAMPLER: <u>RLK</u>	Quote #:
REPORT TO: <u>MJO Earthcare</u>	BILL TO: <u>Sam</u>	EMAIL: <u>denaligp@ix.netcom.com</u>	

TURNAROUND TIME:

- ☐ 10 Work Days ☐ 4 Work Days ☐ 1 Work Day
☐ 7 Work Days ☒ 3 Work Days ☐ Noon - Nxt Day
☐ 5 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours

SAMPLE TYPE:

- ☐ Storm Water ☐ Air
☐ Waste Water ☐ Wipe
☐ Ground Water ☐ Other
☒ Soil ☐ Product / Bulk

REPORT FORMAT:

- ☐ Level II - Std.
☐ Excel - EDD
☐ EDF ☐ Std.-EDD
☐ QC Level III
☐ QC Level IV

ANALYSIS
REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	REMARKS
001A		SB5122	8-5/724	SOIL	1	Tube	* Samples were received 8/5/20, client to email COC w/required analyses 8/6/20
002A		SB5124	8-5/724	SOIL	1		
003A		SB5222	8-5/814	SOIL	1		
004A		SB5224	8-5/814	SOIL	1		
005A		SB5322	8-5/825	SOIL	1		
006A		SB5324	8-5/825	SOIL	1		
007A		SB5422	8-5/800	SOIL	1		
008A		SB5424	8-5/800	SOIL	1		

Relinquished By: <u>RLK</u>	Print: <u>RLK</u>	Date: <u>8-5-2020</u>	Time: <u>1425</u>	Received By: <u>RLK</u>	Print: <u>RLK</u>	Date: <u>8/5/20</u>	Time: <u>1425</u>
Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☒ Yes ☐ NO Samples on Ice? ☒ Yes ☐ NO Method of Shipment Do Sample seals intact? ☐ Yes ☐ NO ☒ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Log In By: _____ Date: _____ Labeled By: _____ Date: _____

Temp 8.9 °C

Page ____ of ____ Rev. 4



MJO Earthscience Services
15466 Los Gatos Blvd, #109-142
Los Gatos, California 95032
Tel: 8316881007
Fax: 8316881079
RE: 1st & 2nd at Virginia St. San Jose

Work Order No.: 2008061

Dear Michael O'Leary:

Torrent Laboratory, Inc. received 16 sample(s) on August 06, 2020 for the analyses presented in the following Report.

Three samples were submitted on hold.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Kathie Evans
Project Manager

August 11, 2020

Date



Date: 8/11/2020

Client: MJO Earthscience Services

Project: 1st & 2nd at Virginia St. San Jose

Work Order: 2008061

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.

Data is reported on a dry weight basis.



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/06/20

Date Reported: 08/11/20

SB55@2

2008061-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	16.1	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16	%
Lead	SW6010B	1	0.14	3.5	16.6	mg/Kg

SB56@2

2008061-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	12.6	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.13	%
Lead	SW6010B	1	0.14	3.4	63.8	mg/Kg

SB57@2

2008061-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	9.06	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.09	%
Lead	SW6010B	1	0.13	3.3	498	mg/Kg

SB58@2

2008061-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.51	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.08	%
Lead	SW6010B	1	0.13	3.2	14.7	mg/Kg

SB59@2

2008061-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	4.41	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.04	%
Lead	SW6010B	1	0.12	3.1	10.0	mg/Kg

SB60@2

2008061-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	4.49	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.04	%
Lead	SW6010B	1	0.12	3.1	9.98	mg/Kg

VS1@2

2008061-007

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.0	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.14	%



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/06/20

Date Reported: 08/11/20

VS3@2

2008061-008

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	12.1	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.12	%

VS6@2

2008061-009

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	10.4	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10	%

VS7@2

2008061-010

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	11.4	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.11	%

VS4@4

2008061-011

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.65	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.08	%
Lead	SW6010B	1	0.13	3.2	98.8	mg/Kg

VS5@4

2008061-013

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	6.50	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.07	%
Lead	SW6010B	1	0.13	3.2	18.1	mg/Kg

VS9@4

2008061-015

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.15	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.07	%
Lead	SW6010B	1	0.13	3.2	16.9	mg/Kg



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	SB55@2	Lab Sample ID:	2008061-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 14:35		
SDG:			
Tag Number:	Perimeter, Lead Area		

Prep Method:	3050B	Prep Batch Date/Time:	8/10/20	5:30:00PM
Prep Batch ID:	1124387	Prep Analyst:	TMN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.14	3.5	16.6		mg/Kg	08/11/20	13:40	TMN	449649

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	16.1		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	SB56@2	Lab Sample ID:	2008061-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 14:14		
SDG:			
Tag Number:	Perimeter, Lead Area		

Prep Method:	3050B	Prep Batch Date/Time:	8/10/20	5:30:00PM
Prep Batch ID:	1124387	Prep Analyst:	TMN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.14	3.4	63.8		mg/Kg	08/11/20	13:50	TMN	449649

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	12.6		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.13		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	SB57@2	Lab Sample ID:	2008061-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 14:21		
SDG:			
Tag Number:	Perimeter, Lead Area		

Prep Method:	3050B	Prep Batch Date/Time:	8/10/20	5:30:00PM
Prep Batch ID:	1124387	Prep Analyst:	TMN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.3	498		mg/Kg	08/11/20	13:54	TMN	449649

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	9.06		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.09		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	SB58@2	Lab Sample ID:	2008061-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 9:10		
SDG:			
Tag Number:	Perimeter, Lead Area		

Prep Method:	3050B	Prep Batch Date/Time:	8/10/20	5:30:00PM
Prep Batch ID:	1124387	Prep Analyst:	TMN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.2	14.7		mg/Kg	08/11/20	13:58	TMN	449649

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.51		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.08		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	SB59@2	Lab Sample ID:	2008061-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 9:00		
SDG:			
Tag Number:	Perimeter, Lead Area		

Prep Method:	3050B	Prep Batch Date/Time:	8/10/20	5:30:00PM
Prep Batch ID:	1124387	Prep Analyst:	TMN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.12	3.1	10.0		mg/Kg	08/11/20	14:02	TMN	449649

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	4.41		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.04		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	SB60@2	Lab Sample ID:	2008061-006A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 11:00		
SDG:			
Tag Number:	Perimeter, Lead Area		

Prep Method:	3050B	Prep Batch Date/Time:	8/10/20 5:30:00PM
Prep Batch ID:	1124387	Prep Analyst:	TMN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.12	3.1	9.98		mg/Kg	08/11/20	14:05	TMN	449649

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20 4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	4.49		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.04		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	VS1@2	Lab Sample ID:	2008061-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 8:20		
SDG:			
Tag Number:	20, Wheel Works Office		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.0		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.14		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	VS3@2	Lab Sample ID:	2008061-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 12:18		
SDG:			
Tag Number:	838, Toward Alley		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	12.1		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.12		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	VS6@2	Lab Sample ID:	2008061-009A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 8:00		
SDG:			
Tag Number:	807, Wheel Works		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	10.4		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	VS7@2	Lab Sample ID:	2008061-010A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 13:22		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	11.4		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.11		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	VS4@4	Lab Sample ID:	2008061-011A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 9:37		
SDG:			
Tag Number:	Interior, Lead Area		

Prep Method:	3050B	Prep Batch Date/Time:	8/10/20	5:30:00PM
Prep Batch ID:	1124387	Prep Analyst:	TMN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.2	98.8		mg/Kg	08/11/20	14:09	TMN	449649

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.65		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.08		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	VS5@4	Lab Sample ID:	2008061-013A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 13:53		
SDG:			
Tag Number:	Interior, Lead Area		

Prep Method:	3050B	Prep Batch Date/Time:	8/10/20	5:30:00PM
Prep Batch ID:	1124387	Prep Analyst:	TMN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.2	18.1		mg/Kg	08/11/20	14:13	TMN	449649

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	6.50		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.07		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	VS9@4	Lab Sample ID:	2008061-015A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 9:40		
SDG:			
Tag Number:	Interior, Lead Area		

Prep Method:	3050B	Prep Batch Date/Time:	8/10/20	5:30:00PM
Prep Batch ID:	1124387	Prep Analyst:	TMN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.2	16.9		mg/Kg	08/11/20	14:20	TMN	449649

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.15		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.07		-	08/08/20	10:00	IZ	449566



MB Summary Report

Work Order:	2008061	Prep Method:	% Water-P	Prep Date:	08/07/20	Prep Batch:	1124356
Matrix:	Soil	Analytical Method:	ASTM D2216-90	Analyzed Date:	8/8/2020	Analytical Batch:	449566
Units:	%						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Moisture, Percent	0.050	0.050	ND		

Work Order:	2008061	Prep Method:	3050B	Prep Date:	08/10/20	Prep Batch:	1124387
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	8/11/2020	Analytical Batch:	449649
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Lead	0.10	1.30	0.20		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008061	Prep Method:	3050B	Prep Date:	08/10/20	Prep Batch:	1124387
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	8/11/2020	Analytical Batch:	449649
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Lead	0.10	3.00	0.20	50	98.9	101	2.00	80 - 120	30	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008061	Prep Method:	3050B	Prep Date:	08/10/20	Prep Batch:	1124387
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/11/2020	Analytical Batch:	449649
Spiked Sample:	2008061-015A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Lead	0.10	5.00	16.9	50	89.2	91.2	1.61	67.9 - 118	30	



Duplicate QC Summary Report

Work Order:	2008061	Prep Method:	% Water-P	Prep Date:	8/7/2020	Prep Batch:	1124356
Matrix:		Analytical Method:	ASTM D2216-90	Analyzed Date:	08/08/20	Analytical Batch:	449566
Units:						Lab Sample ID: 2008061-001A-DUP-1124356	

Parameters	<u>MDL</u>	<u>PQL</u>	<u>Sample Result</u>	<u>Duplicate Result</u>	<u>% RPD</u>	
Moisture, Percent	0.050	0.0500	16.1	16.6	3.06	



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg/m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm ² surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H - Indicates that the recommended holding time for the analyte or compound has been exceeded
J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S - Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.



Sample Receipt Checklist

Client Name: MJO Earthscience Services

Date and Time Received: 8/6/2020 3:30:00PM

Project Name: 1st & 2nd at Virginia St. San Jose

Received By: Lorna Imbat

Work Order No.: 2008061

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	<u>Yes</u>
Chain of custody signed when relinquished and received?	<u>Yes</u>
Chain of custody agrees with sample labels?	<u>Yes</u>
Custody seals intact on sample bottles?	<u>Not Present</u>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	<u>Not Present</u>
Shipping Container/Cooler In Good Condition?	<u>Yes</u>
Samples in proper container/bottle?	<u>Yes</u>
Samples containers intact?	<u>Yes</u>
Sufficient sample volume for indicated test?	<u>Yes</u>

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	<u>Yes</u>
Container/Temp Blank temperature in compliance?	Temperature: 11.0 °C
Water-VOA vials have zero headspace?	<u>No VOA vials submitted</u>
Water-pH acceptable upon receipt?	<u>N/A</u>
pH Checked by: N/A	pH Adjusted by: N/A

Comments:

Samples transported on ice



Login Summary Report

Client ID: TL5200 MJO Earthscience Services
Project Name: 1st & 2nd at Virginia St. San Jose
Project # : OL072-6.4
Report Due Date: 8/11/2020

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 8/6/2020
Time Received: 3:30 pm

Comments:

Work Order # : 2008061

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2008061-001A	SB55@2	08/06/20 14:35	Soil	02/02/21			PMOIST Met_S_AsPb Dry Wt	
Sample Note: 6010-Pb only								
2008061-002A	SB56@2	08/06/20 14:14	Soil	02/02/21			Met_S_AsPb Dry Wt PMOIST	
2008061-003A	SB57@2	08/06/20 14:21	Soil	02/02/21			Met_S_AsPb Dry Wt PMOIST	
2008061-004A	SB58@2	08/06/20 9:10	Soil	02/02/21			Met_S_AsPb Dry Wt PMOIST	
2008061-005A	SB59@2	08/06/20 9:00	Soil	02/02/21			Met_S_AsPb Dry Wt PMOIST	
2008061-006A	SB60@2	08/06/20 11:00	Soil	02/02/21			Met_S_AsPb Dry Wt PMOIST	
2008061-007A	VS1@2	08/06/20 8:20	Soil	02/02/21			PMOIST	
2008061-008A	VS3@2	08/06/20 12:18	Soil	02/02/21			PMOIST	
2008061-009A	VS6@2	08/06/20 8:00	Soil	02/02/21			PMOIST	
2008061-010A	VS7@2	08/06/20 13:22	Soil	02/02/21			PMOIST	
2008061-011A	VS4@4	08/06/20 9:37	Soil	02/02/21			Met_S_AsPb Dry Wt PMOIST	
2008061-012A	VS4@6	08/06/20 9:37	Soil	02/02/21			Hold Samples	
2008061-013A	VS5@4	08/06/20 13:53	Soil	02/02/21			Met_S_AsPb Dry Wt PMOIST	
2008061-014A	VS5@6	08/06/20 14:05	Soil	02/02/21			Hold Samples	



Login Summary Report

Client ID: TL5200 MJO Earthscience Services

QC Level: II

Project Name: 1st & 2nd at Virginia St. San Jose

TAT Requested: 3 Day Std:3

Project # : OL072-6.4

Date Received: 8/6/2020

Report Due Date: 8/11/2020

Time Received: 3:30 pm

Comments:

Work Order # : 2008061

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2008061-015A	VS9@4	08/06/20 9:40	Soil	02/02/21			Met_S_AsPb Dry Wt PMOIST	
2008061-016A	VS9@6	08/06/20 9:40	Soil	02/02/21			Hold Samples	



2008061

Laboratory Name: Torrent Laboratory, Inc. 483 Sinclair Frontage Road Milpitas, California 95035 (408) 263-5258						CHAIN-OF-CUSTODY * Take soil sample from black cap end (top) of tube.						MJO Earthscience Services PO Box 624 Los Gatos, CA 95031-0624 Phn: (831) 688-1007 Attn: Michael O'Leary					
Project No: OL072-6.4		Site Name and Address: 1 st & 2 nd at Virginia St. San Jose				Analyses Requested											
Sampler (signature): <i>PK</i>					Company MSO	No. Containers	TPHg VOCs (8260B)	TPH d, mo	Silica Gel Cln	Ethyl Glycol (8015B)	Pb (6010B)	LUFT Metals+As	Moisture Content	Preservatives Chill	Turn Around Time And Remarks <i>2 day standard</i>		
Sample No.	Date 2020	Time	Soil	Water	Location of Sample												
~~SB51@2~~	~~8/5~~	~~7:24~~	~~X~~		~~Parking, Wheel Works~~	~~1~~	~~X~~	~~X~~	~~X~~	~~X~~		~~X~~	~~X~~				
SB51@4	8/5	7:24	X		Parking, Wheel Works	1										Hold	
SB52@2	8/5	8:14	X		Parking, Wheel Works	1	X	X	X	X		X	X				
SB52@4	8/5	8:14	X		Parking, Wheel Works	1										Hold	
SB53@2	8/5	8:25	X		Parking, Wheel Works	1	X	X	X	X		X	X				
SB53@4	8/5	8:25	X		Parking, Wheel Works	1										Hold	
SB54@2	8/5	8:00	X		Parking, Wheel Works	1	X	X	X	X		X	X				
~~SB54@4~~	~~8/5~~	~~8:00~~	~~X~~		~~Parking, Wheel Works~~	~~1~~										Hold	
-1A SB55@2	8/6	2:35	X		Perimeter, Lead Area	1					X	X					
-2A SB56@2	8/6	2:44	X		Perimeter, Lead Area	1					X	X					
-3A SB57@2	8/6	2:21	X		Perimeter, Lead Area	1					X	X					
4A SB58@2	8/6	7:10	X		Perimeter, Lead Area	1					X	X					
-5A SB59@2	8/6	7:00	X		Perimeter, Lead Area	1					X	X					
6A SB60@2	8/6	11:00	X		Perimeter, Lead Area	1					X	X					
Relinquished by (signature): <i>PK</i>		Date 8/6/20	Time 3:30	Received by (signature): <i>L-D-Imbar</i>		The following MUST be completed by the LABORATORY accepting samples: 1) Have all samples been stored on ice? ____ 2) Do any VOA containers have headspace? ____ 3) Were samples intact and in proper containers? ____											
Relinquished by (signature):		Date	Time	Received by (signature):													
Relinquished by (signature):		Date	Time	Received for LABORATORY by (signature):													

8/6 temp 11 #2



200806/

Laboratory Name: Torrent Laboratory, Inc. 483 Sinclair Frontage Road Milpitas, California 95035 (408) 263-5258						CHAIN-OF-CUSTODY * Take soil sample from black cap end (top) of tube.						MJO Earthscience Services PO Box 624 Los Gatos, CA 95031-0624 Phn: (831) 688-1007 Attn: Michael O'Leary					
Project No: OL072-6.4		Site Name and Address: 1 st & 2 nd at Virginia St. San Jose				No. Containers	Analyses Requested										
Sampler (signature): <i>Rd/K</i>					Company MJO		TPHg VOCs (8260B)	TPH d, mo	Silica Gel Cln	Ethyl. Glycol (8015B)	Pb (6010B)	LUFT Metals+As	Moisture Content	Preservatives	Turn Around Time And Remarks		
Sample No.	Date 2020	Time	Soil	Water			Location of Sample								Chill	Standard	
-7A VS1@2	8/6	8:20	X		20, Wheel Works Office	1							X				
-8A VS3@2	8/6	12:18	X		838, Toward Alley	1							X				
-9A VS6@2	8/6/20	8:00	X		807, Wheel Works	1							X				
-10A VS7@2	8/6	1:22	X		838, Beside Man-Trench	1							X				
-11A VS4@4	8/6	9:37	X		Interior, Lead Area	1				X		X					
-12A VS4@6	8/6	9:37	X		Interior, Lead Area	1									Hold		
-13A VS5@4	8/6	1:52	X		Interior, Lead Area	1				X		X					
-14A VS5@6	8/6	2:05	X		Interior, Lead Area	1									Hold		
-15A VS9@4	8/6	9:40	X		Interior, Lead Area	1				X		X					
-16A VS9@6	8/6	9:40	X		Interior, Lead Area	1									Hold		
Relinquished by (signature): <i>Rd/K</i>		Date: 8-6-2020	Time: 3:30	Received by (signature): <i>L-D. Imbar</i>		The following MUST be completed by the LABORATORY accepting samples:											
Relinquished by (signature):		Date:	Time:	Received by (signature):		1) Have all samples been stored on ice? ____											
				Company:		2) Do any VOA containers have headspace? ____											
Relinquished by (signature):		Date:	Time:	Received for LABORATORY by (signature):		3) Were samples intact and in proper containers? ____											

1/0 temp 11 #2



MJO Earthscience Services
15466 Los Gatos Blvd, #109-142
Los Gatos, California 95032
Tel: 8316881007
Fax: 8316881079
RE: 1st & 2nd at Virginia St. San Jose

Work Order No.: 2008038 Rev: 1

Dear Michael O'Leary:

Torrent Laboratory, Inc. received 13 sample(s) on August 05, 2020 for the analyses presented in the following Report.

Four samples were submitted on hold.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive, flowing style.

Kathie Evans
Project Manager

August 10, 2020

Date



Date: 8/10/2020

Client: MJO Earthscience Services

Project: 1st & 2nd at Virginia St. San Jose

Work Order: 2008038

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.

Data is reported on a dry weight basis.

Ethylene Glycol data is pending.

Analytical Comments for method 6010B, 2008038-002A MS/MSD, QC Preparation Batch ID 1124282, Note: The % recoveries for Cadmium are outside of laboratory control limits but % RPD is within limits. The associated LCS/LCSD is within both % Recovery and %RPD limits. No corrective action required.

The spikes in the MS/MSD for Nickel are not recoverable. The sample concentration is greater than 4X the spike concentration. No corrective action is required.

REVISIONS

Report revised to include Ethylene Glycol data.

Rev. 1 (8/11/20)



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/05/20

Date Reported: 08/10/20

WB1@2 2008038-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	16.0	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16	%
Arsenic	SW6010B	1	0.17	1.51	6.55	mg/Kg
Chromium	SW6010B	1	0.087	5.80	51.2	mg/Kg
Lead	SW6010B	1	0.12	3.48	11.9	mg/Kg
Nickel	SW6010B	1	0.58	5.80	85.8	mg/Kg
Zinc	SW6010B	1	0.35	5.80	64.4	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.99	2.3	3.64	mg/Kg

WB1@5 2008038-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	16.0	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16	%
Arsenic	SW6010B	1	0.17	1.51	4.25	mg/Kg
Chromium	SW6010B	1	0.087	5.80	157	mg/Kg
Lead	SW6010B	1	0.12	3.48	6.67	mg/Kg
Nickel	SW6010B	1	0.58	5.80	1460	mg/Kg
Zinc	SW6010B	1	0.35	5.80	54.1	mg/Kg

WB1@20 2008038-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Gasoline	8260TPH	1	54	120	521	ug/Kg
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	24.4	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.24	%
Arsenic	SW6010B	1	0.19	1.61	8.00	mg/Kg
Chromium	SW6010B	1	0.093	6.20	50.5	mg/Kg
Lead	SW6010B	1	0.12	3.72	10.4	mg/Kg
Nickel	SW6010B	1	0.62	6.20	81.2	mg/Kg
Zinc	SW6010B	1	0.37	6.20	53.9	mg/Kg
TPH as Diesel (SG)	SW8015B	1	1.1	2.5	2.98	mg/Kg

WB2@2 2008038-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	10.2	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10	%
Arsenic	SW6010B	1	0.17	1.43	6.55	mg/Kg
Chromium	SW6010B	1	0.083	5.50	58.9	mg/Kg
Lead	SW6010B	1	0.11	3.30	13.1	mg/Kg
Nickel	SW6010B	1	0.55	5.50	91.3	mg/Kg
Zinc	SW6010B	1	0.33	5.50	66.0	mg/Kg



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/05/20

Date Reported: 08/10/20

WB2@5 2008038-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	9.22	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.09	%
Arsenic	SW6010B	1	0.16	1.42	6.81	mg/Kg
Chromium	SW6010B	1	0.082	5.45	53.9	mg/Kg
Lead	SW6010B	1	0.11	3.27	12.5	mg/Kg
Nickel	SW6010B	1	0.55	5.45	91.0	mg/Kg
Zinc	SW6010B	1	0.33	5.45	66.5	mg/Kg

WB6@2 2008038-008

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.8	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.15	%
Arsenic	SW6010B	1	0.17	1.50	6.50	mg/Kg
Chromium	SW6010B	1	0.086	5.75	58.1	mg/Kg
Lead	SW6010B	1	0.12	3.45	15.2	mg/Kg
Nickel	SW6010B	1	0.58	5.75	88.6	mg/Kg
Zinc	SW6010B	1	0.35	5.75	69.6	mg/Kg
Ethylene Glycol	SW8015B	1	5.8	12	12	mg/Kg

WB6@5 2008038-009

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	4.71	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.05	%
Arsenic	SW6010B	1	0.16	1.37	4.02	mg/Kg
Chromium	SW6010B	1	0.079	5.25	34.6	mg/Kg
Lead	SW6010B	1	0.11	3.15	9.45	mg/Kg
Nickel	SW6010B	1	0.53	5.25	50.8	mg/Kg
Zinc	SW6010B	1	0.32	5.25	49.8	mg/Kg

WB8@2 2008038-011

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	9.81	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10	%
Arsenic	SW6010B	1	0.17	1.43	6.05	mg/Kg
Chromium	SW6010B	1	0.083	5.50	56.1	mg/Kg
Lead	SW6010B	1	0.11	3.30	12.9	mg/Kg
Nickel	SW6010B	1	0.55	5.50	84.7	mg/Kg
Zinc	SW6010B	1	0.33	5.50	63.3	mg/Kg



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/05/20

Date Reported: 08/10/20

WB8@5

2008038-012

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	9.87	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10	%
Arsenic	SW6010B	1	0.17	1.43	5.50	mg/Kg
Chromium	SW6010B	1	0.083	5.50	53.5	mg/Kg
Lead	SW6010B	1	0.11	3.30	16.0	mg/Kg
Nickel	SW6010B	1	0.55	5.50	79.2	mg/Kg
Zinc	SW6010B	1	0.33	5.50	60.0	mg/Kg
Ethylene Glycol	SW8015B	1	5.5	11	28	mg/Kg
TPH as Diesel (SG)	SW8015B	1	0.94	2.2	2.48	mg/Kg
TPH as Motor Oil (SG)	SW8015B	1	3.5	11	22.7	mg/Kg



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@2	Lab Sample ID:	2008038-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.8	12	ND		mg/Kg	08/10/20	23:57	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@2	Lab Sample ID:	2008038-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method: 3050B	Prep Batch Date/Time: 8/6/20 4:55:00PM
Prep Batch ID: 1124282	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.51	6.55		mg/Kg	08/07/20	13:25	TMN	449538
Cadmium	SW6010B	1	0.12	5.80	ND		mg/Kg	08/07/20	13:25	TMN	449538
Chromium	SW6010B	1	0.087	5.80	51.2		mg/Kg	08/07/20	13:25	TMN	449538
Lead	SW6010B	1	0.12	3.48	11.9		mg/Kg	08/07/20	13:25	TMN	449538
Nickel	SW6010B	1	0.58	5.80	85.8		mg/Kg	08/07/20	13:25	TMN	449538
Zinc	SW6010B	1	0.35	5.80	64.4		mg/Kg	08/07/20	13:25	TMN	449538



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@2	Lab Sample ID:	2008038-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/6/20	5:00:00PM
Prep Batch ID:	1124299	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	16.0		%	08/07/20	10:30	IZ	449512
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16		-	08/07/20	10:30	IZ	449512



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@2	Lab Sample ID:	2008038-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 8/8/20 9:42:00AM
Prep Batch ID: 1124339	Prep Analyst: AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.99	2.3	3.64	x	mg/Kg	08/08/20	17:17	MK	449574
TPH as Motor Oil (SG)	SW8015B	1	3.7	12	ND		mg/Kg	08/08/20	17:17	MK	449574
Acceptance Limits											
Pentacosane (S)	SW8015B		40 - 120		87.9		%	08/08/20	17:17	MK	449574

NOTE: x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@2	Lab Sample ID:	2008038-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Chloromethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Vinyl Chloride	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Bromomethane	SW8260B	1	3.1	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Chloroethane	SW8260B	1	3.5	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Trichlorofluoromethane	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,1-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Freon 113	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Methylene Chloride	SW8260B	1	8.2	12	ND		ug/Kg	08/07/20	14:54	AD	449537
trans-1,2-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	14:54	AD	449537
MTBE	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	14:54	AD	449537
TBA	SW8260B	1	13	58	ND		ug/Kg	08/07/20	14:54	AD	449537
Diisopropyl ether	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,1-Dichloroethane	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Ethyl tert-Butyl ether	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	14:54	AD	449537
cis-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	14:54	AD	449537
2,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Bromochloromethane	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Chloroform	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Carbon Tetrachloride	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,1,1-Trichloroethane	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,1-Dichloropropene	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Benzene	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	14:54	AD	449537
TAME	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,2-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Trichloroethylene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Dibromomethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Bromodichloromethane	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	14:54	AD	449537
cis-1,3-Dichloropropene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Toluene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Tetrachloroethylene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	14:54	AD	449537
trans-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,1,2-Trichloroethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,3-Dichloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,2-Dibromoethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Chlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	14:54	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@2	Lab Sample ID:	2008038-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	14:54	AD	449537
m,p-Xylene	SW8260B	1	3.7	12	ND		ug/Kg	08/07/20	14:54	AD	449537
o-Xylene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Styrene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Bromoform	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	14:54	AD	449537
n-Propylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Bromobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	14:54	AD	449537
2-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,3,5-Trimethylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,2,3-Trichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	14:54	AD	449537
4-Chlorotoluene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	14:54	AD	449537
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	08/07/20	14:54	AD	449537
sec-Butyl Benzene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	14:54	AD	449537
p-Isopropyltoluene	SW8260B	1	1.7	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,3-Dichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,4-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	14:54	AD	449537
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,2,4-Trichlorobenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/07/20	14:54	AD	449537
Naphthalene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	14:54	AD	449537
1,2,3-Trichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	14:54	AD	449537
2-Butanone	SW8260B	1	2.6	11.6	ND		ug/Kg	08/07/20	14:54	AD	449537
(S) Dibromofluoromethane	SW8260B		59.8 - 148		83.7		%	08/07/20	14:54	AD	449537
(S) Toluene-d8	SW8260B		55.2 - 133		102		%	08/07/20	14:54	AD	449537
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		98.5		%	08/07/20	14:54	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@2	Lab Sample ID:	2008038-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/7/20	9:27:00AM
Prep Batch ID:	1124317	Prep Analyst:	ADEB	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	50	120	ND		ug/Kg	08/07/20	14:54	AD	449537
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		65.5		%	08/07/20	14:54	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@5	Lab Sample ID:	2008038-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.8	12	ND		mg/Kg	08/10/20	12:06	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@5	Lab Sample ID:	2008038-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method: 3050B	Prep Batch Date/Time: 8/6/20 4:55:00PM
Prep Batch ID: 1124282	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.51	4.25		mg/Kg	08/07/20	13:32	TMN	449538
Cadmium	SW6010B	1	0.12	5.80	ND		mg/Kg	08/07/20	13:32	TMN	449538
Chromium	SW6010B	1	0.087	5.80	157		mg/Kg	08/07/20	13:32	TMN	449538
Lead	SW6010B	1	0.12	3.48	6.67		mg/Kg	08/07/20	13:32	TMN	449538
Nickel	SW6010B	1	0.58	5.80	1460		mg/Kg	08/07/20	13:32	TMN	449538
Zinc	SW6010B	1	0.35	5.80	54.1		mg/Kg	08/07/20	13:32	TMN	449538



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@5	Lab Sample ID:	2008038-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/6/20	5:00:00PM
Prep Batch ID:	1124299	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	16.0		%	08/07/20	10:30	IZ	449512
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16		-	08/07/20	10:30	IZ	449512



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@5	Lab Sample ID:	2008038-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.99	2.3	ND		mg/Kg	08/08/20	17:43	MK	449574
TPH as Motor Oil (SG)	SW8015B	1	3.7	12	ND		mg/Kg	08/08/20	17:43	MK	449574
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		77.8		%	08/08/20	17:43	MK	449574



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@5	Lab Sample ID:	2008038-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Chloromethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Vinyl Chloride	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Bromomethane	SW8260B	1	3.1	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Chloroethane	SW8260B	1	3.5	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Trichlorofluoromethane	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,1-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Freon 113	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Methylene Chloride	SW8260B	1	8.2	12	ND		ug/Kg	08/07/20	15:23	AD	449537
trans-1,2-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:23	AD	449537
MTBE	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	15:23	AD	449537
TBA	SW8260B	1	13	58	ND		ug/Kg	08/07/20	15:23	AD	449537
Diisopropyl ether	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,1-Dichloroethane	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Ethyl tert-Butyl ether	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	15:23	AD	449537
cis-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	15:23	AD	449537
2,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Bromochloromethane	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Chloroform	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Carbon Tetrachloride	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,1,1-Trichloroethane	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,1-Dichloropropene	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Benzene	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	15:23	AD	449537
TAME	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,2-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Trichloroethylene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Dibromomethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Bromodichloromethane	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	15:23	AD	449537
cis-1,3-Dichloropropene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Toluene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Tetrachloroethylene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:23	AD	449537
trans-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,1,2-Trichloroethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,3-Dichloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,2-Dibromoethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Chlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:23	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@5	Lab Sample ID:	2008038-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:23	AD	449537
m,p-Xylene	SW8260B	1	3.7	12	ND		ug/Kg	08/07/20	15:23	AD	449537
o-Xylene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Styrene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Bromoform	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:23	AD	449537
n-Propylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Bromobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:23	AD	449537
2-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,3,5-Trimethylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,2,3-Trichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:23	AD	449537
4-Chlorotoluene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:23	AD	449537
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	08/07/20	15:23	AD	449537
sec-Butyl Benzene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	15:23	AD	449537
p-Isopropyltoluene	SW8260B	1	1.7	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,3-Dichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,4-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	15:23	AD	449537
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,2,4-Trichlorobenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/07/20	15:23	AD	449537
Naphthalene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:23	AD	449537
1,2,3-Trichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:23	AD	449537
2-Butanone	SW8260B	1	2.6	11.6	ND		ug/Kg	08/07/20	15:23	AD	449537
(S) Dibromofluoromethane	SW8260B		59.8 - 148		83.1		%	08/07/20	15:23	AD	449537
(S) Toluene-d8	SW8260B		55.2 - 133		103		%	08/07/20	15:23	AD	449537
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		93.0		%	08/07/20	15:23	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@5	Lab Sample ID:	2008038-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/7/20	9:27:00AM
Prep Batch ID:	1124317	Prep Analyst:	ADEB	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	50	120	ND		ug/Kg	08/07/20	15:23	AD	449537
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		66.6		%	08/07/20	15:23	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@20	Lab Sample ID:	2008038-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	6.2	12	ND		mg/Kg	08/11/20	0:14	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@20	Lab Sample ID:	2008038-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method: 3050B	Prep Batch Date/Time: 8/6/20 4:55:00PM
Prep Batch ID: 1124282	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.19	1.61	8.00		mg/Kg	08/07/20	13:54	TMN	449538
Cadmium	SW6010B	1	0.12	6.20	ND		mg/Kg	08/07/20	13:54	TMN	449538
Chromium	SW6010B	1	0.093	6.20	50.5		mg/Kg	08/07/20	13:54	TMN	449538
Lead	SW6010B	1	0.12	3.72	10.4		mg/Kg	08/07/20	13:54	TMN	449538
Nickel	SW6010B	1	0.62	6.20	81.2		mg/Kg	08/07/20	13:54	TMN	449538
Zinc	SW6010B	1	0.37	6.20	53.9		mg/Kg	08/07/20	13:54	TMN	449538



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@20	Lab Sample ID:	2008038-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/6/20	5:00:00PM
Prep Batch ID:	1124299	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	24.4		%	08/07/20	10:30	IZ	449512
Dry Weight Factor	ASTM D2216-90	1	1	1	1.24		-	08/07/20	10:30	IZ	449512



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@20	Lab Sample ID:	2008038-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method: 3546_TPHSG	Prep Batch Date/Time: 8/8/20 9:42:00AM
Prep Batch ID: 1124339	Prep Analyst: AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	1.1	2.5	2.98	x	mg/Kg	08/08/20	18:08	MK	449574
TPH as Motor Oil (SG)	SW8015B	1	3.9	12	ND		mg/Kg	08/08/20	18:08	MK	449574
Acceptance Limits											
Pentacosane (S)	SW8015B		40 - 120		71.2		%	08/08/20	18:08	MK	449574

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range, quantified as diesel



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@20	Lab Sample ID:	2008038-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.5	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Chloromethane	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Vinyl Chloride	SW8260B	1	2.5	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Bromomethane	SW8260B	1	3.3	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Chloroethane	SW8260B	1	3.7	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Trichlorofluoromethane	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,1-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Freon 113	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Methylene Chloride	SW8260B	1	8.8	12	ND		ug/Kg	08/07/20	15:51	AD	449537
trans-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	15:51	AD	449537
MTBE	SW8260B	1	2.9	12	ND		ug/Kg	08/07/20	15:51	AD	449537
TBA	SW8260B	1	14	62	ND		ug/Kg	08/07/20	15:51	AD	449537
Diisopropyl ether	SW8260B	1	2.8	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,1-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Ethyl tert-Butyl ether	SW8260B	1	2.8	12	ND		ug/Kg	08/07/20	15:51	AD	449537
cis-1,2-Dichloroethene	SW8260B	1	2.8	12	ND		ug/Kg	08/07/20	15:51	AD	449537
2,2-Dichloropropane	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Bromochloromethane	SW8260B	1	2.9	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Chloroform	SW8260B	1	2.9	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Carbon Tetrachloride	SW8260B	1	2.5	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,1,1-Trichloroethane	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,1-Dichloropropene	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Benzene	SW8260B	1	2.8	12	ND		ug/Kg	08/07/20	15:51	AD	449537
TAME	SW8260B	1	2.8	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,2-Dichloroethane	SW8260B	1	2.9	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Trichloroethylene	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Dibromomethane	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Bromodichloromethane	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:51	AD	449537
cis-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Toluene	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Tetrachloroethylene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:51	AD	449537
trans-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,1,2-Trichloroethane	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Dibromochloromethane	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,3-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,2-Dibromoethane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Chlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:51	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@20	Lab Sample ID:	2008038-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,1,1,2-Tetrachloroethane	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:51	AD	449537
m,p-Xylene	SW8260B	1	3.9	12	ND		ug/Kg	08/07/20	15:51	AD	449537
o-Xylene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Styrene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Bromoform	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Isopropyl Benzene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	15:51	AD	449537
n-Propylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Bromobenzene	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,1,2,2-Tetrachloroethane	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:51	AD	449537
2-Chlorotoluene	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,3,5-Trimethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,2,3-Trichloropropane	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	15:51	AD	449537
4-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	15:51	AD	449537
tert-Butylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,2,4-Trimethylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/07/20	15:51	AD	449537
sec-Butyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	15:51	AD	449537
p-Isopropyltoluene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,3-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,4-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:51	AD	449537
n-Butylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,2-Dichlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Hexachlorobutadiene	SW8260B	1	1.7	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,2,4-Trichlorobenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	15:51	AD	449537
Naphthalene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:51	AD	449537
1,2,3-Trichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	15:51	AD	449537
2-Butanone	SW8260B	1	2.8	12.4	ND		ug/Kg	08/07/20	15:51	AD	449537
(S) Dibromofluoromethane	SW8260B		59.8 - 148		85.9		%	08/07/20	15:51	AD	449537
(S) Toluene-d8	SW8260B		55.2 - 133		98.3		%	08/07/20	15:51	AD	449537
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		96.4		%	08/07/20	15:51	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1@20	Lab Sample ID:	2008038-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 8:58		
SDG:			
Tag Number:	20, Closed UST		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/7/20	9:27:00AM
Prep Batch ID:	1124317	Prep Analyst:	ADEB	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	54	120	521	x	ug/Kg	08/07/20	15:51	AD	449537
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		51.2		%	08/07/20	15:51	AD	449537

NOTE: x - TPH reported value due to individual peaks within the C5-C12 range quantified as Gasoline



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@2	Lab Sample ID:	2008038-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.5	11	ND		mg/Kg	08/11/20	0:23	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@2	Lab Sample ID:	2008038-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method: 3050B	Prep Batch Date/Time: 8/6/20 4:55:00PM
Prep Batch ID: 1124282	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.43	6.55		mg/Kg	08/07/20	13:58	TMN	449538
Cadmium	SW6010B	1	0.11	5.50	ND		mg/Kg	08/07/20	13:58	TMN	449538
Chromium	SW6010B	1	0.083	5.50	58.9		mg/Kg	08/07/20	13:58	TMN	449538
Lead	SW6010B	1	0.11	3.30	13.1		mg/Kg	08/07/20	13:58	TMN	449538
Nickel	SW6010B	1	0.55	5.50	91.3		mg/Kg	08/07/20	13:58	TMN	449538
Zinc	SW6010B	1	0.33	5.50	66.0		mg/Kg	08/07/20	13:58	TMN	449538



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@2	Lab Sample ID:	2008038-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/6/20	5:00:00PM
Prep Batch ID:	1124299	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	10.2		%	08/07/20	10:30	IZ	449512
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10		-	08/07/20	10:30	IZ	449512



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@2	Lab Sample ID:	2008038-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.94	2.2	ND		mg/Kg	08/08/20	18:33	MK	449574
TPH as Motor Oil (SG)	SW8015B	1	3.5	11	ND		mg/Kg	08/08/20	18:33	MK	449574
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		61.5		%	08/08/20	18:33	MK	449574



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@2	Lab Sample ID:	2008038-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Chloroethane	SW8260B	1	3.3	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Methylene Chloride	SW8260B	1	7.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	16:20	AD	449537
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	08/07/20	16:20	AD	449537
TBA	SW8260B	1	13	55	ND		ug/Kg	08/07/20	16:20	AD	449537
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	16:20	AD	449537
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	16:20	AD	449537
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	16:20	AD	449537
TAME	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	16:20	AD	449537
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	16:20	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@2	Lab Sample ID:	2008038-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	16:20	AD	449537
m,p-Xylene	SW8260B	1	3.5	11	ND		ug/Kg	08/07/20	16:20	AD	449537
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	16:20	AD	449537
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	16:20	AD	449537
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	08/07/20	16:20	AD	449537
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	16:20	AD	449537
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	16:20	AD	449537
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	16:20	AD	449537
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	16:20	AD	449537
2-Butanone	SW8260B	1	2.5	11.0	ND		ug/Kg	08/07/20	16:20	AD	449537
(S) Dibromofluoromethane	SW8260B		59.8 - 148		81.6		%	08/07/20	16:20	AD	449537
(S) Toluene-d8	SW8260B		55.2 - 133		105		%	08/07/20	16:20	AD	449537
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		93.9		%	08/07/20	16:20	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@2	Lab Sample ID:	2008038-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/7/20	9:27:00AM
Prep Batch ID:	1124317	Prep Analyst:	ADEB	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	48	110	ND		ug/Kg	08/07/20	16:20	AD	449537
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		63.9		%	08/07/20	16:20	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@5	Lab Sample ID:	2008038-006A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.5	11	ND		mg/Kg	08/11/20	0:31	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@5	Lab Sample ID:	2008038-006A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method: 3050B	Prep Batch Date/Time: 8/6/20 4:55:00PM
Prep Batch ID: 1124282	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.16	1.42	6.81		mg/Kg	08/07/20	14:02	TMN	449538
Cadmium	SW6010B	1	0.11	5.45	ND		mg/Kg	08/07/20	14:02	TMN	449538
Chromium	SW6010B	1	0.082	5.45	53.9		mg/Kg	08/07/20	14:02	TMN	449538
Lead	SW6010B	1	0.11	3.27	12.5		mg/Kg	08/07/20	14:02	TMN	449538
Nickel	SW6010B	1	0.55	5.45	91.0		mg/Kg	08/07/20	14:02	TMN	449538
Zinc	SW6010B	1	0.33	5.45	66.5		mg/Kg	08/07/20	14:02	TMN	449538



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@5	Lab Sample ID:	2008038-006A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/6/20	5:00:00PM
Prep Batch ID:	1124299	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	9.22		%	08/07/20	10:30	IZ	449512
Dry Weight Factor	ASTM D2216-90	1	1	1	1.09		-	08/07/20	10:30	IZ	449512



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@5	Lab Sample ID:	2008038-006A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.93	2.2	ND		mg/Kg	08/08/20	18:59	MK	449574
TPH as Motor Oil (SG)	SW8015B	1	3.5	11	ND		mg/Kg	08/08/20	18:59	MK	449574
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		59.1		%	08/08/20	18:59	MK	449574



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@5	Lab Sample ID:	2008038-006A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Bromomethane	SW8260B	1	2.9	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Chloroethane	SW8260B	1	3.3	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Methylene Chloride	SW8260B	1	7.7	11	ND		ug/Kg	08/07/20	18:43	AD	449537
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	18:43	AD	449537
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	08/07/20	18:43	AD	449537
TBA	SW8260B	1	13	55	ND		ug/Kg	08/07/20	18:43	AD	449537
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	18:43	AD	449537
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	18:43	AD	449537
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Benzene	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	18:43	AD	449537
TAME	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,2-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	18:43	AD	449537
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	18:43	AD	449537
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@5	Lab Sample ID:	2008038-006A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	18:43	AD	449537
m,p-Xylene	SW8260B	1	3.4	11	ND		ug/Kg	08/07/20	18:43	AD	449537
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	18:43	AD	449537
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	18:43	AD	449537
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	18:43	AD	449537
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	18:43	AD	449537
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	08/07/20	18:43	AD	449537
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	18:43	AD	449537
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	18:43	AD	449537
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	18:43	AD	449537
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	18:43	AD	449537
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	18:43	AD	449537
2-Butanone	SW8260B	1	2.5	10.9	ND		ug/Kg	08/07/20	18:43	AD	449537
(S) Dibromofluoromethane	SW8260B		59.8 - 148		90.9		%	08/07/20	18:43	AD	449537
(S) Toluene-d8	SW8260B		55.2 - 133		99.0		%	08/07/20	18:43	AD	449537
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		89.2		%	08/07/20	18:43	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2@5	Lab Sample ID:	2008038-006A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:30		
SDG:			
Tag Number:	802, S. 1st Parking		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/7/20 9:27:00AM
Prep Batch ID:	1124317	Prep Analyst:	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	47	110	ND		ug/Kg	08/07/20	18:43	AD	449537
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		61.7		%	08/07/20	18:43	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@2	Lab Sample ID:	2008038-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.8	12	12		mg/Kg	08/11/20	0:39	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@2	Lab Sample ID:	2008038-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method: 3050B	Prep Batch Date/Time: 8/6/20 4:55:00PM
Prep Batch ID: 1124282	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.50	6.50		mg/Kg	08/07/20	14:05	TMN	449538
Cadmium	SW6010B	1	0.12	5.75	ND		mg/Kg	08/07/20	14:05	TMN	449538
Chromium	SW6010B	1	0.086	5.75	58.1		mg/Kg	08/07/20	14:05	TMN	449538
Lead	SW6010B	1	0.12	3.45	15.2		mg/Kg	08/07/20	14:05	TMN	449538
Nickel	SW6010B	1	0.58	5.75	88.6		mg/Kg	08/07/20	14:05	TMN	449538
Zinc	SW6010B	1	0.35	5.75	69.6		mg/Kg	08/07/20	14:05	TMN	449538



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@2	Lab Sample ID:	2008038-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/6/20	5:00:00PM
Prep Batch ID:	1124299	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.8		%	08/07/20	10:30	IZ	449512
Dry Weight Factor	ASTM D2216-90	1	1	1	1.15		-	08/07/20	10:30	IZ	449512



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@2	Lab Sample ID:	2008038-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.98	2.3	ND		mg/Kg	08/08/20	19:24	MK	449574
TPH as Motor Oil (SG)	SW8015B	1	3.7	12	ND		mg/Kg	08/08/20	19:24	MK	449574
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		58.1		%	08/08/20	19:24	MK	449574



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@2	Lab Sample ID:	2008038-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Chloromethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Vinyl Chloride	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Bromomethane	SW8260B	1	3.1	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Chloroethane	SW8260B	1	3.5	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Trichlorofluoromethane	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,1-Dichloroethene	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Freon 113	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Methylene Chloride	SW8260B	1	8.2	12	ND		ug/Kg	08/07/20	19:12	AD	449537
trans-1,2-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	19:12	AD	449537
MTBE	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	19:12	AD	449537
TBA	SW8260B	1	13	58	ND		ug/Kg	08/07/20	19:12	AD	449537
Diisopropyl ether	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,1-Dichloroethane	SW8260B	1	2.5	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Ethyl tert-Butyl ether	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	19:12	AD	449537
cis-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	19:12	AD	449537
2,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Bromochloromethane	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Chloroform	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Carbon Tetrachloride	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,1,1-Trichloroethane	SW8260B	1	2.4	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,1-Dichloropropene	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Benzene	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	19:12	AD	449537
TAME	SW8260B	1	2.6	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,2-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Trichloroethylene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Dibromomethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,2-Dichloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Bromodichloromethane	SW8260B	1	2.3	12	ND		ug/Kg	08/07/20	19:12	AD	449537
cis-1,3-Dichloropropene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Toluene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Tetrachloroethylene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	19:12	AD	449537
trans-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,1,2-Trichloroethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,3-Dichloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,2-Dibromoethane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Chlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	19:12	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@2	Lab Sample ID:	2008038-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	19:12	AD	449537
m,p-Xylene	SW8260B	1	3.6	12	ND		ug/Kg	08/07/20	19:12	AD	449537
o-Xylene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Styrene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Bromoform	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	19:12	AD	449537
n-Propylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Bromobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	19:12	AD	449537
2-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,3,5-Trimethylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,2,3-Trichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/07/20	19:12	AD	449537
4-Chlorotoluene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	19:12	AD	449537
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	08/07/20	19:12	AD	449537
sec-Butyl Benzene	SW8260B	1	1.8	12	ND		ug/Kg	08/07/20	19:12	AD	449537
p-Isopropyltoluene	SW8260B	1	1.7	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,3-Dichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,4-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	19:12	AD	449537
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,2-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,2,4-Trichlorobenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/07/20	19:12	AD	449537
Naphthalene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	19:12	AD	449537
1,2,3-Trichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/07/20	19:12	AD	449537
2-Butanone	SW8260B	1	2.6	11.5	ND		ug/Kg	08/07/20	19:12	AD	449537
(S) Dibromofluoromethane	SW8260B		59.8 - 148		88.3		%	08/07/20	19:12	AD	449537
(S) Toluene-d8	SW8260B		55.2 - 133		103		%	08/07/20	19:12	AD	449537
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		93.0		%	08/07/20	19:12	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@2	Lab Sample ID:	2008038-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method: 5035GRO	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124317	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	50	120	ND		ug/Kg	08/07/20	19:12	AD	449537
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		61.8		%	08/07/20	19:12	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@5	Lab Sample ID:	2008038-009A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.3	11	ND		mg/Kg	08/11/20	0:48	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@5	Lab Sample ID:	2008038-009A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method: 3050B	Prep Batch Date/Time: 8/6/20 4:55:00PM
Prep Batch ID: 1124282	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.16	1.37	4.02		mg/Kg	08/07/20	14:09	TMN	449538
Cadmium	SW6010B	1	0.11	5.25	ND		mg/Kg	08/07/20	14:09	TMN	449538
Chromium	SW6010B	1	0.079	5.25	34.6		mg/Kg	08/07/20	14:09	TMN	449538
Lead	SW6010B	1	0.11	3.15	9.45		mg/Kg	08/07/20	14:09	TMN	449538
Nickel	SW6010B	1	0.53	5.25	50.8		mg/Kg	08/07/20	14:09	TMN	449538
Zinc	SW6010B	1	0.32	5.25	49.8		mg/Kg	08/07/20	14:09	TMN	449538



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@5	Lab Sample ID:	2008038-009A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/6/20	5:00:00PM
Prep Batch ID:	1124299	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	4.71		%	08/07/20	10:30	IZ	449512
Dry Weight Factor	ASTM D2216-90	1	1	1	1.05		-	08/07/20	10:30	IZ	449512



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@5	Lab Sample ID:	2008038-009A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.89	2.1	ND		mg/Kg	08/08/20	19:49	MK	449574
TPH as Motor Oil (SG)	SW8015B	1	3.3	11	ND		mg/Kg	08/08/20	19:49	MK	449574
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		52.2		%	08/08/20	19:49	MK	449574



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@5	Lab Sample ID:	2008038-009A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Chloromethane	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Vinyl Chloride	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Bromomethane	SW8260B	1	2.8	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Chloroethane	SW8260B	1	3.2	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,1-Dichloroethene	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Methylene Chloride	SW8260B	1	7.5	11	ND		ug/Kg	08/07/20	19:41	AD	449537
trans-1,2-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	19:41	AD	449537
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	19:41	AD	449537
TBA	SW8260B	1	12	53	ND		ug/Kg	08/07/20	19:41	AD	449537
Diisopropyl ether	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,1-Dichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Ethyl tert-Butyl ether	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	19:41	AD	449537
cis-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	19:41	AD	449537
2,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Bromochloromethane	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Chloroform	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,1,1-Trichloroethane	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Benzene	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	19:41	AD	449537
TAME	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,2-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Trichloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Dibromomethane	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	19:41	AD	449537
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Toluene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Tetrachloroethylene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	19:41	AD	449537
trans-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,1,2-Trichloroethane	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,3-Dichloropropane	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,2-Dibromoethane	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Chlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	19:41	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@5	Lab Sample ID:	2008038-009A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	19:41	AD	449537
m,p-Xylene	SW8260B	1	3.3	11	ND		ug/Kg	08/07/20	19:41	AD	449537
o-Xylene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Styrene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	19:41	AD	449537
n-Propylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Bromobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	19:41	AD	449537
2-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,3,5-Trimethylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,2,3-Trichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	19:41	AD	449537
4-Chlorotoluene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	19:41	AD	449537
tert-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,2,4-Trimethylbenzene	SW8260B	1	1.4	11	ND		ug/Kg	08/07/20	19:41	AD	449537
sec-Butyl Benzene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	19:41	AD	449537
p-Isopropyltoluene	SW8260B	1	1.5	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,3-Dichlorobenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	19:41	AD	449537
n-Butylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Hexachlorobutadiene	SW8260B	1	1.4	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,2,4-Trichlorobenzene	SW8260B	1	1.5	11	ND		ug/Kg	08/07/20	19:41	AD	449537
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	19:41	AD	449537
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	19:41	AD	449537
2-Butanone	SW8260B	1	2.4	10.5	ND		ug/Kg	08/07/20	19:41	AD	449537
(S) Dibromofluoromethane	SW8260B		59.8 - 148		87.1		%	08/07/20	19:41	AD	449537
(S) Toluene-d8	SW8260B		55.2 - 133		106		%	08/07/20	19:41	AD	449537
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		95.8		%	08/07/20	19:41	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6@5	Lab Sample ID:	2008038-009A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 7:54		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/7/20	9:27:00AM
Prep Batch ID:	1124317	Prep Analyst:	ADEB	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	45	110	ND		ug/Kg	08/07/20	19:41	AD	449537
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		67.4		%	08/07/20	19:41	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@2	Lab Sample ID:	2008038-011A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.5	11	ND		mg/Kg	08/11/20	0:56	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@2	Lab Sample ID:	2008038-011A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method: 3050B	Prep Batch Date/Time: 8/6/20 4:55:00PM
Prep Batch ID: 1124282	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.43	6.05		mg/Kg	08/07/20	14:13	TMN	449538
Cadmium	SW6010B	1	0.11	5.50	ND		mg/Kg	08/07/20	14:13	TMN	449538
Chromium	SW6010B	1	0.083	5.50	56.1		mg/Kg	08/07/20	14:13	TMN	449538
Lead	SW6010B	1	0.11	3.30	12.9		mg/Kg	08/07/20	14:13	TMN	449538
Nickel	SW6010B	1	0.55	5.50	84.7		mg/Kg	08/07/20	14:13	TMN	449538
Zinc	SW6010B	1	0.33	5.50	63.3		mg/Kg	08/07/20	14:13	TMN	449538



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@2	Lab Sample ID:	2008038-011A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/6/20	5:00:00PM
Prep Batch ID:	1124299	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	9.81		%	08/07/20	10:30	IZ	449512
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10		-	08/07/20	10:30	IZ	449512



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@2	Lab Sample ID:	2008038-011A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.94	2.2	ND		mg/Kg	08/10/20	13:47	SN	449589
TPH as Motor Oil (SG)	SW8015B	1	3.5	11	ND		mg/Kg	08/10/20	13:47	SN	449589
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		112		%	08/10/20	13:47	SN	449589



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@2	Lab Sample ID:	2008038-011A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Chloroethane	SW8260B	1	3.3	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Methylene Chloride	SW8260B	1	7.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	20:09	AD	449537
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	08/07/20	20:09	AD	449537
TBA	SW8260B	1	13	55	ND		ug/Kg	08/07/20	20:09	AD	449537
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	20:09	AD	449537
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	08/07/20	20:09	AD	449537
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	20:09	AD	449537
TAME	SW8260B	1	2.5	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/07/20	20:09	AD	449537
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	20:09	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@2	Lab Sample ID:	2008038-011A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method: 5035	Prep Batch Date/Time: 8/7/20 9:27:00AM
Prep Batch ID: 1124316	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	20:09	AD	449537
m,p-Xylene	SW8260B	1	3.5	11	ND		ug/Kg	08/07/20	20:09	AD	449537
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	20:09	AD	449537
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/07/20	20:09	AD	449537
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	08/07/20	20:09	AD	449537
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/07/20	20:09	AD	449537
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	20:09	AD	449537
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/07/20	20:09	AD	449537
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/07/20	20:09	AD	449537
2-Butanone	SW8260B	1	2.5	11.0	ND		ug/Kg	08/07/20	20:09	AD	449537
(S) Dibromofluoromethane	SW8260B		59.8 - 148		85.9		%	08/07/20	20:09	AD	449537
(S) Toluene-d8	SW8260B		55.2 - 133		105		%	08/07/20	20:09	AD	449537
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		94.4		%	08/07/20	20:09	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@2	Lab Sample ID:	2008038-011A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/7/20 9:27:00AM
Prep Batch ID:	1124317	Prep Analyst:	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	48	110	ND		ug/Kg	08/07/20	20:09	AD	449537
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		59.4		%	08/07/20	20:09	AD	449537



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@5	Lab Sample ID:	2008038-012A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.5	11	28		mg/Kg	08/11/20	1:21	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@5	Lab Sample ID:	2008038-012A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method: 3050B	Prep Batch Date/Time: 8/6/20 4:55:00PM
Prep Batch ID: 1124282	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.43	5.50		mg/Kg	08/07/20	14:17	TMN	449538
Cadmium	SW6010B	1	0.11	5.50	ND		mg/Kg	08/07/20	14:17	TMN	449538
Chromium	SW6010B	1	0.083	5.50	53.5		mg/Kg	08/07/20	14:17	TMN	449538
Lead	SW6010B	1	0.11	3.30	16.0		mg/Kg	08/07/20	14:17	TMN	449538
Nickel	SW6010B	1	0.55	5.50	79.2		mg/Kg	08/07/20	14:17	TMN	449538
Zinc	SW6010B	1	0.33	5.50	60.0		mg/Kg	08/07/20	14:17	TMN	449538



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@5	Lab Sample ID:	2008038-012A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/6/20	5:00:00PM
Prep Batch ID:	1124299	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	9.87		%	08/07/20	10:30	IZ	449512
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10		-	08/07/20	10:30	IZ	449512



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@5	Lab Sample ID:	2008038-012A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.94	2.2	2.48	x	mg/Kg	08/08/20	20:39	MK	449574
TPH as Motor Oil (SG)	SW8015B	1	3.5	11	22.7		mg/Kg	08/08/20	20:39	MK	449574
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		51.0		%	08/08/20	20:39	MK	449574

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@5	Lab Sample ID:	2008038-012A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 10:32:00AM
Prep Batch ID: 1124373	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Chloroethane	SW8260B	1	3.3	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Methylene Chloride	SW8260B	1	7.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/10/20	14:12	AD	449593
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	08/10/20	14:12	AD	449593
TBA	SW8260B	1	13	55	ND		ug/Kg	08/10/20	14:12	AD	449593
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/10/20	14:12	AD	449593
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	08/10/20	14:12	AD	449593
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	08/10/20	14:12	AD	449593
TAME	SW8260B	1	2.5	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/10/20	14:12	AD	449593
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/10/20	14:12	AD	449593



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@5	Lab Sample ID:	2008038-012A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 10:32:00AM
Prep Batch ID: 1124373	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/10/20	14:12	AD	449593
m,p-Xylene	SW8260B	1	3.5	11	ND		ug/Kg	08/10/20	14:12	AD	449593
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/10/20	14:12	AD	449593
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/10/20	14:12	AD	449593
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	08/10/20	14:12	AD	449593
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/10/20	14:12	AD	449593
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/10/20	14:12	AD	449593
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/10/20	14:12	AD	449593
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/10/20	14:12	AD	449593
2-Butanone	SW8260B	1	2.5	11.0	ND		ug/Kg	08/10/20	14:12	AD	449593
(S) Dibromofluoromethane	SW8260B		59.8 - 148		87.1		%	08/10/20	14:12	AD	449593
(S) Toluene-d8	SW8260B		55.2 - 133		99.4		%	08/10/20	14:12	AD	449593
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		94.4		%	08/10/20	14:12	AD	449593



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8@5	Lab Sample ID:	2008038-012A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/05/20 / 10:00		
SDG:			
Tag Number:	807 S. 2nd St.		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/7/20	9:27:00AM
Prep Batch ID:	1124317	Prep Analyst:	ADEB	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	48	110	ND		ug/Kg	08/07/20	20:38	AD	449537
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		60.3		%	08/07/20	20:38	AD	449537



MB Summary Report

Work Order:	2008038	Prep Method:	3050B	Prep Date:	08/06/20	Prep Batch:	1124282
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	8/7/2020	Analytical Batch:	449538
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Antimony	0.050	5.00	0.63	J	
Arsenic	0.15	1.30	ND		
Barium	0.055	5.00	0.061	J	
Beryllium	0.055	5.00	ND		
Cadmium	0.10	5.00	ND		
Chromium	0.075	5.00	ND		
Cobalt	0.070	5.00	ND		
Copper	0.20	5.00	ND		
Lead	0.10	1.30	0.18	J	
Molybdenum	0.050	5.00	0.13	J	
Nickel	0.50	5.00	ND		
Selenium	0.22	5.00	0.28	J	
Silver	0.15	5.00	ND		
Thallium	0.20	5.00	ND		
Vanadium	0.10	5.00	ND		
Zinc	0.30	5.00	ND		

Work Order:	2008038	Prep Method:	% Water-P	Prep Date:	08/06/20	Prep Batch:	1124299
Matrix:	Soil	Analytical Method:	ASTM D2216-90	Analyzed Date:	8/7/2020	Analytical Batch:	449512
Units:	%						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Moisture, Percent	0.050	0.050	0.0500	U	



MB Summary Report

Work Order:	2008038	Prep Method:	5035	Prep Date:	08/07/20	Prep Batch:	1124316
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449537
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
TBA	12	50	ND	
Diisopropyl ether	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
Ethyl tert-Butyl ether	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethylbenzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	



MB Summary Report

Work Order:	2008038	Prep Method:	5035	Prep Date:	08/07/20	Prep Batch:	1124316
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449537
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	1.7	
1,2,4-Trichlorobenzene	1.5	10	1.6	
Naphthalene	1.7	10	2.0	
1,2,3-Trichlorobenzene	1.7	10	1.8	
2-Butanone	2.3	10	ND	
4-Methyl-2-Pentanone (MIBK)	2.0	50	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	13	
(S) Dibromofluoromethane			93.6	
(S) Toluene-d8			98.2	
(S) 4-Bromofluorobenzene			96.0	

Work Order:	2008038	Prep Method:	5035GRO	Prep Date:	08/07/20	Prep Batch:	1124317
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449537
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			78.3	



MB Summary Report

Work Order:	2008038	Prep Method:	3546_TPHSG	Prep Date:	08/08/20	Prep Batch:	1124339
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/8/2020	Analytical Batch:	449574
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel (SG)	0.85	2.0	ND		
TPH as Motor Oil (SG)	3.2	10	ND		
Pentacosane (S)			70.1		



MB Summary Report

Work Order:	2008038	Prep Method:	5035	Prep Date:	08/10/20	Prep Batch:	1124373
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/10/2020	Analytical Batch:	449593
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
TBA	12	50	ND	
Diisopropyl ether	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
Ethyl tert-Butyl ether	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethylbenzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	



MB Summary Report

Work Order:	2008038	Prep Method:	5035	Prep Date:	08/10/20	Prep Batch:	1124373
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/10/2020	Analytical Batch:	449593
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
4-Methyl-2-Pentanone (MIBK)	2.0	50	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			88.6	
(S) Toluene-d8			104	
(S) 4-Bromofluorobenzene			96.2	

Work Order:	2008038	Prep Method:	Glycol-S-P	Prep Date:	08/10/20	Prep Batch:	1124434
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/10/2020	Analytical Batch:	449645
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Ethylene Glycol	5.0	10	5.52	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008038	Prep Method:	3050B	Prep Date:	08/06/20	Prep Batch:	1124282
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	8/7/2020	Analytical Batch:	449538
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	0.63	50	105	103	1.92	80 - 120	30	
Arsenic	0.15	1.30	ND	50	97.4	98.8	1.43	80 - 120	30	
Barium	0.055	5.00	0.061	50	106	105	0.948	80 - 120	30	
Beryllium	0.055	5.00	ND	50	106	105	0.948	80 - 120	30	
Cadmium	0.10	5.00	ND	50	98.2	98.5	0.407	80 - 120	30	
Chromium	0.075	5.00	ND	50	102	102	0.000	80 - 120	30	
Cobalt	0.070	5.00	ND	50	101	101	0.000	80 - 120	30	
Copper	0.20	5.00	ND	50	109	107	1.85	80 - 120	30	
Lead	0.10	3.00	0.18	50	105	105	0.000	80 - 120	30	
Molybdenum	0.050	5.00	0.13	50	104	103	0.966	80 - 120	30	
Nickel	0.50	5.00	ND	50	99.1	99.4	0.201	80 - 120	30	
Selenium	0.22	5.00	0.28	50	91.7	91.6	0.218	80 - 120	30	
Silver	0.15	5.00	ND	50	105	105	0.000	80 - 120	30	
Thallium	0.20	5.00	ND	50	103	102	0.976	80 - 120	30	
Vanadium	0.10	5.00	ND	50	103	103	0.000	80 - 120	30	
Zinc	0.30	5.00	ND	50	120	120	0.766	80 - 120	30	

Work Order:	2008038	Prep Method:	5035	Prep Date:	08/07/20	Prep Batch:	1124316
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449537
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	71.0	70.5	0.565	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	84.5	86.3	1.87	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	81.6	81.5	0.245	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	89.8	84.5	5.96	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	86.4	83.9	2.82	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	90.5	97.9		59.8 - 148		
(S) Toluene-d8				50.0	99.3	92.9		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	97.6	90.1		55.8 - 141		

Work Order:	2008038	Prep Method:	5035GRO	Prep Date:	08/07/20	Prep Batch:	1124317
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449537
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	ND	1000	99.2	80.8	20.4	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	84.1	73.4		43.9 - 127		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008038	Prep Method:	3546_TPHSG	Prep Date:	08/08/20	Prep Batch:	1124339
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/8/2020	Analytical Batch:	449574
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.85	2.0	ND	25.0	42.7	44.5	3.67	40 - 110	30	
Pentacosane (S)			ND	200	68.5	69.5		40 - 129		

Work Order:	2008038	Prep Method:	5035	Prep Date:	08/10/20	Prep Batch:	1124373
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/10/2020	Analytical Batch:	449593
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	90.1	87.8	2.70	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	97.2	95.7	1.45	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	90.9	95.9	5.36	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	97.3	97.2	0.206	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	96.9	99.1	2.45	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	97.2	99.3		59.8 - 148		
(S) Toluene-d8				50.0	101	103		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	98.2	101		55.8 - 141		

Work Order:	2008038	Prep Method:	5035	Prep Date:	08/10/20	Prep Batch:	1124373
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/10/2020	Analytical Batch:	449593
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
MTBE	2.34	10.0		50.0	99.8	99.6	0.201	70 - 130	30	
Benzene	2.2	10		50.0	97.2	95.7	1.45	66.5 - 135	30	
Ethylbenzene	1.65	10.0		50.0	97.9	99.4	1.62	70 - 130	30	
Toluene	1.82	10		50.0	97.3	97.2	0.206	56.8 - 134	30	
m,p-Xylene	3.16	10.0		100	98.1	100	1.92	70 - 130	30	
o-Xylene	1.73	10.0		50.0	97.2	97.0	0.206	70 - 130	30	
(S) Dibromofluoromethane				50.0	97.2	99.3		59.8 - 148		
(S) Toluene-d8				50.0	101	103		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	98.2	101		55.8 - 141		

Work Order:	2008038	Prep Method:	Glycol-S-P	Prep Date:	08/10/20	Prep Batch:	1124434
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/10/2020	Analytical Batch:	449645
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Ethylene Glycol	5.0	10	5.52	200	106	102		60 - 140	30	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008038	Prep Method:	3050B	Prep Date:	08/06/20	Prep Batch:	1124282
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/07/2020	Analytical Batch:	449538
Spiked Sample:	2008038-002A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Arsenic	0.15	1.30	4.25	50	78.0	77.5	0.695	71.0 - 121	30	
Cadmium	0.10	5.00	ND	50	75.3	74.3	1.28	80.0 - 110	30	S
Chromium	0.075	5.00	157	50	83.0	77.0	1.52	76.0 - 116	30	
Lead	0.10	3.00	6.67	50	85.5	85.1	0.406	57.9 - 118	30	
Nickel	0.50	5.00	1460	50	0	0	1.96	61.5 - 122	30	NR
Zinc	0.30	5.00	54.1	50	68.8	67.8	0.567	59.9 - 122	30	



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg/m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm ² surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H - Indicates that the recommended holding time for the analyte or compound has been exceeded
J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S - Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.



Sample Receipt Checklist

Client Name: MJO Earthscience Services

Date and Time Received: 8/5/2020 2:25:00PM

Project Name: 1st & 2nd at Virginia St. San Jose

Received By: Lorna Imbat

Work Order No.: 2008038

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	<u>Yes</u>
Chain of custody signed when relinquished and received?	<u>Yes</u>
Chain of custody agrees with sample labels?	<u>Yes</u>
Custody seals intact on sample bottles?	<u>Not Present</u>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	<u>Not Present</u>
Shipping Container/Cooler In Good Condition?	<u>Yes</u>
Samples in proper container/bottle?	<u>Yes</u>
Samples containers intact?	<u>Yes</u>
Sufficient sample volume for indicated test?	<u>Yes</u>

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	<u>Yes</u>
Container/Temp Blank temperature in compliance?	Temperature: 9.0 °C
Water-VOA vials have zero headspace?	<u>No VOA vials submitted</u>
Water-pH acceptable upon receipt?	<u>N/A</u>
pH Checked by: N/A	pH Adjusted by: N/A

Comments:

Samples transported on ice. >>Received 8 extra samples not listed on the CoC: IDs= SB51, SB52, SB53, SB54 @2 and @4; holding samples pending client instructions. >Associated CoC with required analyses received 8/6/20 via email (logged in under WO#2008057).



Login Summary Report

Client ID: TL5200 MJO Earthscience Services
Project Name: 1st & 2nd at Virginia St. San Jose
Project # : OL072-6.4
Report Due Date: 8/10/2020

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 8/5/2020
Time Received: 2:25 pm

Comments:

Work Order # : 2008038

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2008038-001A	WB1@2	08/05/20 8:58	Soil	02/01/21			PMOIST Met_S_6010CAM17 DryW TPHDOSG_S_8015B DryW VOC_S_8260B DWF Glycols_S VOC_S_GRO	
Sample Note: VOCs/TPHg; TPHd/mo with SGC; 8015-Ethylene Glycol; 6010-As, Cd, Cr, Pb, Ni, Zn *Report all data on Dry weight basis								
2008038-002A	WB1@5	08/05/20 8:58	Soil	02/01/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008038-003A	WB1@10	08/05/20 8:58	Soil	09/19/20			Hold Samples	
2008038-004A	WB1@20	08/05/20 8:58	Soil	02/01/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008038-005A	WB2@2	08/05/20 10:30	Soil	02/01/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008038-006A	WB2@5	08/05/20 10:30	Soil	02/01/21			Glycols_S VOC_S_GRO	



Login Summary Report

Client ID: TL5200 MJO Earthscience Services
Project Name: 1st & 2nd at Virginia St. San Jose
Project # : OL072-6.4
Report Due Date: 8/10/2020

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 8/5/2020
Time Received: 2:25 pm

Comments:

Work Order # : 2008038

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
							VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008038-007A	WB2@10	08/05/20 10:30	Soil	02/01/21			Hold Samples	
2008038-008A	WB6@2	08/05/20 7:54	Soil	02/01/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008038-009A	WB6@5	08/05/20 7:54	Soil	02/01/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008038-010A	WB6@10	08/05/20 7:54	Soil	02/01/21			Hold Samples	
2008038-011A	WB8@2	08/05/20 10:00	Soil	02/01/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008038-012A	WB8@5	08/05/20 10:00	Soil	02/01/21			Glycols_S Met_S_6010CAM17 DryW PMOIST	



Login Summary Report

Client ID: TL5200 MJO Earthscience Services

Project Name: 1st & 2nd at Virginia St. San Jose

Project # : OL072-6.4

Report Due Date: 8/10/2020

QC Level: II

TAT Requested: 3 Day Std:3

Date Received: 8/5/2020

Time Received: 2:25 pm

Comments:

Work Order # : 2008038

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2008038-013A	WB8@10	08/05/20 10:00	Soil	02/01/21			TPHDOSG_S_8015B DryW VOC_S_8260B DWF VOC_S_GRO Hold Samples	



2008038

Laboratory Name: Torrent Laboratory, Inc. 483 Sinclair Frontage Road Milpitas, California 95035 (408) 263-5258						CHAIN-OF-CUSTODY * Take soil sample from black cap end (top) of tube.										MJO Earthscience Services PO Box 624 Los Gatos, CA 95031-0624 Phn: (831) 688-1007 Attn: Michael O'Leary			
Project No: OL072-6.4		Site Name and Address: 1 st & 2 nd at Virginia St. San Jose				Analyses Requested													
Sampler (signature): <i>RG Kuyken</i> Company						No. Containers	TPHg VOCs (8260B)	TPH d, mo	Silica Gel Cln	Ethyl. Glycol (8015B)	Pb (6010B)	LUFT Metals+As	Moisture Content	Preservatives Chill	Turn Around Time And Remarks Standard 3-day				
Sample No.	Date 2020	Time	Soil	Water	Location of Sample														
-1A WB1@2	8/5	8:58	X		20, Closed UST	1	X	X	X	X		X	X						
-2A WB1@5	8/5	8:58	X		20, Closed UST	1	X	X	X	X		X	X						
-3A WB1@10	8/5	8:58	X		20, Closed UST	1									Hold				
-4A WB2@2	8-5	10:30	X		802, S. 1 st Parking	1	X	X	X	X		X	X						
-5A WB2@5	8-5	10:30	X		802, S. 1 st Parking	1	X	X	X	X		X	X						
-6A WB2@10	8-5	10:30	X		802, S. 1 st Parking	1									Hold				
-7A WB3@2			X		838, Beside Man-Trench	1	X	X	X	X		X	X						
WB3@5			X		838, Beside Man-Trench	1	X	X	X	X		X	X						
WB3@10			X		838, Beside Man-Trench	1									Hold				
WB4@2			X		833 S. 2 nd St.	1	X	X	X	X		X	X						
WB4@5			X		833 S. 2 nd St.	1	X	X	X	X		X	X						
WB4@10			X		833 S. 2 nd St.	1									Hold				
Relinquished by (signature): <i>RG Kuyken</i> Date: 8-5-2010 Time: 2:25						Received by (signature): <i>L-D. Tinsley</i> Company										The following MUST be completed by the LABORATORY accepting samples: 1) Have all samples been stored on ice? ____ 2) Do any VOA containers have headspace? ____ 3) Were samples intact and in proper containers? ____			
Relinquished by (signature):						Received by (signature):						Company							
Relinquished by (signature):						Received for LABORATORY by (signature):						Company							

D/O temp 8.9 #2



2008038

Laboratory Name: Torrent Laboratory, Inc. 483 Sinclair Frontage Road Milpitas, California 95035 (408) 263-5258						CHAIN-OF-CUSTODY * Take soil sample from black cap end (top) of tube.						MJO Earthscience Services PO Box 624 Los Gatos, CA 95031-0624 Phn: (831) 688-1007 Attn: Michael O'Leary					
Project No: OL072-6.4		Site Name and Address: 1 st & 2 nd at Virginia St. San Jose				Analyses Requested											
Sampler (signature): <i>[Signature]</i> - MJO					Company	No. Containers	TPHg VOCs (8260B)	TPH d, mo	Silica Gel Cln	Ethyl Glycol (8015B)	Pb (6010B)	LUFT Metals+As	Moisture Content	Preservatives Chill	Turn Around Time And Remarks Standard 3 day		
Sample No.	Date 2020	Time	Soil	Water	Location of Sample												
WB5@2			X		831, Golden City UST	1	X	X	X	X		X	X				
WB5@5			X		831, Golden City UST	1	X	X	X	X		X	X				
WB5@10			X		831, Golden City UST	1									Hold		
WB6@2	8-5	7:54	X		Wheel Works Parking Area	1	X	X	X	X		X	X				
WB6@5	8-5	7:54	X		Wheel Works Parking Area	1	X	X	X	X		X	X				
WB6@10	8-5	7:54	X		Wheel Works Parking Area	1									Hold		
WB7@2			X		831 S. 2 nd St.	1	X	X	X	X		X	X				
WB7@5			X		831 S. 2 nd St.	1	X	X	X	X		X	X				
WB7@10			X		831 S. 2 nd St.	1									Hold		
WB8@2	8-5	10:00	X		807 S. 2 nd St.	1	X	X	X	X		X	X				
WB8@5	8-5	10:00	X		807 S. 2 nd St.	1	X	X	X	X		X	X				
WB8@10	8-5	10:00	X		807 S. 2 nd St.	1									Hold		
Relinquished by (signature): <i>[Signature]</i>						Date	Time	Received by (signature): <i>[Signature]</i>			The following MUST be completed by the LABORATORY accepting samples: 1) Have all samples been stored on ice? ____ 2) Do any VOA containers have headspace? ____ 3) Were samples intact and in proper containers? ____						
Relinquished by (signature):						Date	Time	Received by (signature):									
Relinquished by (signature):						Date	Time	Received for LABORATORY by (signature):									

D/O

temp 8.9#2



MJO Earthscience Services
15466 Los Gatos Blvd, #109-142
Los Gatos, California 95032
Tel: 8316881007
Fax: 8316881079
RE: 1st & 2nd at Virginia St. San Jose

Work Order No.: 2008077

Dear Michael O'Leary:

Torrent Laboratory, Inc. received 9 sample(s) on August 07, 2020 for the analyses presented in the following Report.

Three samples were submitted on hold.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive, flowing style.

Kathie Evans
Project Manager

August 12, 2020

Date



Date: 8/12/2020

Client: MJO Earthscience Services

Project: 1st & 2nd at Virginia St. San Jose

Work Order: 2008077

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.

Data is reported on a dry weight basis.



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/07/20

Date Reported: 08/12/20

WB3@2

2008077-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	12.1	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.12	%
Arsenic	SW6010B	1	0.17	1.46	8.15	mg/Kg
Chromium	SW6010B	1	0.084	5.60	53.6	mg/Kg
Lead	SW6010B	1	0.11	3.36	8.88	mg/Kg
Nickel	SW6010B	1	0.56	5.60	81.2	mg/Kg
Zinc	SW6010B	1	0.34	5.60	59.8	mg/Kg

WB3@5

2008077-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	8.16	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.08	%
Arsenic	SW6010B	1	0.16	1.40	7.41	mg/Kg
Chromium	SW6010B	1	0.081	5.40	58.6	mg/Kg
Lead	SW6010B	1	0.11	3.24	7.26	mg/Kg
Nickel	SW6010B	1	0.54	5.40	78.1	mg/Kg
Zinc	SW6010B	1	0.32	5.40	51.1	mg/Kg
TPH as Diesel (SG)	SW8015B	4	3.7	8.6	37.3	mg/Kg
TPH as Motor Oil (SG)	SW8015B	4	14	43	180	mg/Kg

WB5@2

2008077-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.89	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.08	%
Arsenic	SW6010B	1	0.16	1.40	5.71	mg/Kg
Chromium	SW6010B	1	0.081	5.40	47.3	mg/Kg
Lead	SW6010B	1	0.11	3.24	5.91	mg/Kg
Nickel	SW6010B	1	0.54	5.40	70.8	mg/Kg
Zinc	SW6010B	1	0.32	5.40	47.0	mg/Kg

WB5@5

2008077-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	3.20	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.03	%
Arsenic	SW6010B	1	0.15	1.34	5.39	mg/Kg
Chromium	SW6010B	1	0.077	5.15	36.0	mg/Kg
Lead	SW6010B	1	0.10	3.09	4.22	mg/Kg
Nickel	SW6010B	1	0.52	5.15	78.1	mg/Kg
Zinc	SW6010B	1	0.31	5.15	37.6	mg/Kg



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/07/20

Date Reported: 08/12/20

WB7@2

2008077-007

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	19.2	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.19	%
Arsenic	SW6010B	1	0.18	1.55	22.3	mg/Kg
Cadmium	SW6010B	1	0.12	5.95	78.0	mg/Kg
Chromium	SW6010B	1	0.089	5.95	154	mg/Kg
Nickel	SW6010B	1	0.60	5.95	196	mg/Kg
Zinc	SW6010B	1	0.36	5.95	1850	mg/Kg
Lead	SW6010B	5	0.60	17.9	4220	mg/Kg
TPH as Diesel (SG)	SW8015B	10	10	24	28.7	mg/Kg
TPH as Motor Oil (SG)	SW8015B	10	38	120	397	mg/Kg

WB7@5

2008077-008

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.5	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16	%
Arsenic	SW6010B	1	0.17	1.51	11.1	mg/Kg
Chromium	SW6010B	1	0.087	5.80	66.4	mg/Kg
Lead	SW6010B	1	0.12	3.48	12.7	mg/Kg
Nickel	SW6010B	1	0.58	5.80	103	mg/Kg
Zinc	SW6010B	1	0.35	5.80	78.8	mg/Kg



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB3@2	Lab Sample ID:	2008077-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:07		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/11/20	5:32:00PM
Prep Batch ID:	1124478	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.6	11	ND		mg/L	08/11/20	21:13	MK	449691



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB3@2	Lab Sample ID:	2008077-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:07		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	3050B	Prep Batch Date/Time:	8/11/20	4:10:00PM
Prep Batch ID:	1124422	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.46	8.15		mg/Kg	08/12/20	17:07	ERR	449693
Cadmium	SW6010B	1	0.11	5.60	ND		mg/Kg	08/12/20	17:07	ERR	449693
Chromium	SW6010B	1	0.084	5.60	53.6		mg/Kg	08/12/20	17:07	ERR	449693
Lead	SW6010B	1	0.11	3.36	8.88		mg/Kg	08/12/20	17:07	ERR	449693
Nickel	SW6010B	1	0.56	5.60	81.2		mg/Kg	08/12/20	17:07	ERR	449693
Zinc	SW6010B	1	0.34	5.60	59.8		mg/Kg	08/12/20	17:07	ERR	449693



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB3@2	Lab Sample ID:	2008077-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:07		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/10/20	6:00:00PM
Prep Batch ID:	1124410	Prep Analyst:	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	12.1		%	08/11/20	12:20	BJAY	449617
Dry Weight Factor	ASTM D2216-90	1	1	1	1.12		-	08/11/20	12:20	BJAY	449617



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB3@2	Lab Sample ID:	2008077-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:07		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/11/20 11:02:00AM
Prep Batch ID:	1124398	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.95	2.2	ND		mg/Kg	08/11/20	23:27	MK	449660
TPH as Motor Oil (SG)	SW8015B	1	3.6	11	ND		mg/Kg	08/11/20	23:27	MK	449660
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		56.0		%	08/11/20	23:27	MK	449660



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID: WB3@2
Project Name/Location: 1st & 2nd at Virginia St. San Jose
Project Number: OL072-6.4
Date/Time Sampled: 08/07/20 / 8:07
SDG:
Tag Number: 838, Beside Man-Trench

Lab Sample ID: 2008077-001A
Sample Matrix: Soil

Prep Method: 5035
Prep Batch ID: 1124414

Prep Batch Date/Time: 8/11/20 9:12:00AM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Chloroethane	SW8260B	1	3.4	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Methylene Chloride	SW8260B	1	8.0	11	ND		ug/Kg	08/11/20	16:31	BP	449624
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	16:31	BP	449624
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	16:31	BP	449624
TBA	SW8260B	1	13	56	ND		ug/Kg	08/11/20	16:31	BP	449624
Diisopropyl ether	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Ethyl tert-Butyl ether	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	16:31	BP	449624
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	16:31	BP	449624
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	16:31	BP	449624
TAME	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Trichloroethylene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Dibromomethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	16:31	BP	449624
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Tetrachloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	16:31	BP	449624
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,1,2-Trichloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,3-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	16:31	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB3@2	Lab Sample ID:	2008077-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:07		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	5035	Prep Batch Date/Time:	8/11/20 9:12:00AM
Prep Batch ID:	1124414	Prep Analyst:	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	16:31	BP	449624
m,p-Xylene	SW8260B	1	3.5	11	ND		ug/Kg	08/11/20	16:31	BP	449624
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Bromoform	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	16:31	BP	449624
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Bromobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	16:31	BP	449624
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,3,5-Trimethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	16:31	BP	449624
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	16:31	BP	449624
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	08/11/20	16:31	BP	449624
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	16:31	BP	449624
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,3-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	16:31	BP	449624
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,2,4-Trichlorobenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	16:31	BP	449624
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	16:31	BP	449624
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	16:31	BP	449624
2-Butanone	SW8260B	1	2.6	11.2	ND		ug/Kg	08/11/20	16:31	BP	449624
(S) Dibromofluoromethane	SW8260B		59.8 - 148		113		%	08/11/20	16:31	BP	449624
(S) Toluene-d8	SW8260B		55.2 - 133		106		%	08/11/20	16:31	BP	449624
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		93.5		%	08/11/20	16:31	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB3@2	Lab Sample ID:	2008077-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:07		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/11/20	9:12:00AM
Prep Batch ID:	1124415	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	48	110	ND		ug/Kg	08/11/20	16:31	BP	449624
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		57.3		%	08/11/20	16:31	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB3@5	Lab Sample ID:	2008077-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:10		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/11/20	5:32:00PM
Prep Batch ID:	1124478	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.4	11	ND		mg/L	08/11/20	21:37	MK	449691



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB3@5	Lab Sample ID:	2008077-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:10		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	3050B	Prep Batch Date/Time:	8/11/20	4:10:00PM
Prep Batch ID:	1124422	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.16	1.40	7.41		mg/Kg	08/12/20	17:11	ERR	449693
Cadmium	SW6010B	1	0.11	5.40	ND		mg/Kg	08/12/20	17:11	ERR	449693
Chromium	SW6010B	1	0.081	5.40	58.6		mg/Kg	08/12/20	17:11	ERR	449693
Lead	SW6010B	1	0.11	3.24	7.26		mg/Kg	08/12/20	17:11	ERR	449693
Nickel	SW6010B	1	0.54	5.40	78.1		mg/Kg	08/12/20	17:11	ERR	449693
Zinc	SW6010B	1	0.32	5.40	51.1		mg/Kg	08/12/20	17:11	ERR	449693



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB3@5	Lab Sample ID:	2008077-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:10		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/10/20	6:00:00PM
Prep Batch ID:	1124410	Prep Analyst:	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	8.16		%	08/11/20	12:20	BJAY	449617
Dry Weight Factor	ASTM D2216-90	1	1	1	1.08		-	08/11/20	12:20	BJAY	449617



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB3@5	Lab Sample ID:	2008077-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:10		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/11/20 11:02:00AM
Prep Batch ID:	1124398	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	4	3.7	8.6	37.3	x	mg/Kg	08/12/20	12:01	MK	449660
TPH as Motor Oil (SG)	SW8015B	4	14	43	180		mg/Kg	08/12/20	12:01	MK	449660
Acceptance Limits											
Pentacosane (S)	SW8015B		40 - 120		61.1		%	08/12/20	12:01	MK	449660

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB3@5	Lab Sample ID:	2008077-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:10		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method: 5035	Prep Batch Date/Time: 8/11/20 9:12:00AM
Prep Batch ID: 1124414	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Bromomethane	SW8260B	1	2.9	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Chloroethane	SW8260B	1	3.3	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Methylene Chloride	SW8260B	1	7.7	11	ND		ug/Kg	08/11/20	17:01	BP	449624
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	17:01	BP	449624
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	17:01	BP	449624
TBA	SW8260B	1	12	54	ND		ug/Kg	08/11/20	17:01	BP	449624
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	17:01	BP	449624
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	17:01	BP	449624
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Benzene	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	17:01	BP	449624
TAME	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,2-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Trichloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:01	BP	449624
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:01	BP	449624
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:01	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB3@5	Lab Sample ID:	2008077-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:10		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	5035	Prep Batch Date/Time:	8/11/20 9:12:00AM
Prep Batch ID:	1124414	Prep Analyst:	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:01	BP	449624
m,p-Xylene	SW8260B	1	3.4	11	ND		ug/Kg	08/11/20	17:01	BP	449624
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	17:01	BP	449624
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:01	BP	449624
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:01	BP	449624
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:01	BP	449624
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	08/11/20	17:01	BP	449624
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	17:01	BP	449624
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:01	BP	449624
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	17:01	BP	449624
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:01	BP	449624
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:01	BP	449624
2-Butanone	SW8260B	1	2.5	10.8	ND		ug/Kg	08/11/20	17:01	BP	449624
(S) Dibromofluoromethane	SW8260B		59.8 - 148		117		%	08/11/20	17:01	BP	449624
(S) Toluene-d8	SW8260B		55.2 - 133		106		%	08/11/20	17:01	BP	449624
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		93.9		%	08/11/20	17:01	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB3@5	Lab Sample ID:	2008077-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 8:10		
SDG:			
Tag Number:	838, Beside Man-Trench		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/11/20	9:12:00AM
Prep Batch ID:	1124415	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	47	110	ND		ug/Kg	08/11/20	17:01	BP	449624
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		50.1		%	08/11/20	17:01	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@2	Lab Sample ID:	2008077-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:20		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/11/20	5:32:00PM
Prep Batch ID:	1124478	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.4	11	ND		mg/L	08/11/20	21:45	MK	449691



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@2	Lab Sample ID:	2008077-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:20		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method:	3050B	Prep Batch Date/Time:	8/11/20	4:10:00PM
Prep Batch ID:	1124422	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.16	1.40	5.71		mg/Kg	08/12/20	17:15	ERR	449693
Cadmium	SW6010B	1	0.11	5.40	ND		mg/Kg	08/12/20	17:15	ERR	449693
Chromium	SW6010B	1	0.081	5.40	47.3		mg/Kg	08/12/20	17:15	ERR	449693
Lead	SW6010B	1	0.11	3.24	5.91		mg/Kg	08/12/20	17:15	ERR	449693
Nickel	SW6010B	1	0.54	5.40	70.8		mg/Kg	08/12/20	17:15	ERR	449693
Zinc	SW6010B	1	0.32	5.40	47.0		mg/Kg	08/12/20	17:15	ERR	449693



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB5@2	Lab Sample ID:	2008077-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:20		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/10/20	6:00:00PM
Prep Batch ID:	1124410	Prep Analyst:	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.89		%	08/11/20	12:20	BJAY	449617
Dry Weight Factor	ASTM D2216-90	1	1	1	1.08		-	08/11/20	12:20	BJAY	449617



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@2	Lab Sample ID:	2008077-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:20		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/11/20 11:02:00AM
Prep Batch ID:	1124398	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.92	2.2	ND		mg/Kg	08/12/20	0:14	MK	449660
TPH as Motor Oil (SG)	SW8015B	1	3.4	11	ND		mg/Kg	08/12/20	0:14	MK	449660
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		67.0		%	08/12/20	0:14	MK	449660



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@2	Lab Sample ID:	2008077-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:20		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method: 5035	Prep Batch Date/Time: 8/11/20 9:12:00AM
Prep Batch ID: 1124414	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Bromomethane	SW8260B	1	2.9	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Chloroethane	SW8260B	1	3.3	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Methylene Chloride	SW8260B	1	7.7	11	ND		ug/Kg	08/11/20	17:31	BP	449624
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	17:31	BP	449624
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	17:31	BP	449624
TBA	SW8260B	1	12	54	ND		ug/Kg	08/11/20	17:31	BP	449624
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	17:31	BP	449624
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	17:31	BP	449624
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Benzene	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	17:31	BP	449624
TAME	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,2-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Trichloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:31	BP	449624
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:31	BP	449624
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:31	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@2	Lab Sample ID:	2008077-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:20		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method: 5035	Prep Batch Date/Time: 8/11/20 9:12:00AM
Prep Batch ID: 1124414	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:31	BP	449624
m,p-Xylene	SW8260B	1	3.4	11	ND		ug/Kg	08/11/20	17:31	BP	449624
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	17:31	BP	449624
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:31	BP	449624
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	17:31	BP	449624
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:31	BP	449624
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	08/11/20	17:31	BP	449624
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	17:31	BP	449624
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:31	BP	449624
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	17:31	BP	449624
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:31	BP	449624
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	17:31	BP	449624
2-Butanone	SW8260B	1	2.5	10.8	ND		ug/Kg	08/11/20	17:31	BP	449624
(S) Dibromofluoromethane	SW8260B		59.8 - 148		121		%	08/11/20	17:31	BP	449624
(S) Toluene-d8	SW8260B		55.2 - 133		108		%	08/11/20	17:31	BP	449624
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		94.8		%	08/11/20	17:31	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@2	Lab Sample ID:	2008077-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:20		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/11/20	9:12:00AM
Prep Batch ID:	1124415	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	47	110	ND		ug/Kg	08/11/20	17:31	BP	449624
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		50.1		%	08/11/20	17:31	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB5@5	Lab Sample ID:	2008077-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:23		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/11/20	5:32:00PM
Prep Batch ID:	1124478	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.2	10	ND		mg/L	08/11/20	21:53	MK	449691



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@5	Lab Sample ID:	2008077-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:23		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method:	3050B	Prep Batch Date/Time:	8/11/20	4:10:00PM
Prep Batch ID:	1124422	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.34	5.39		mg/Kg	08/12/20	17:18	ERR	449693
Cadmium	SW6010B	1	0.10	5.15	ND		mg/Kg	08/12/20	17:18	ERR	449693
Chromium	SW6010B	1	0.077	5.15	36.0		mg/Kg	08/12/20	17:18	ERR	449693
Lead	SW6010B	1	0.10	3.09	4.22		mg/Kg	08/12/20	17:18	ERR	449693
Nickel	SW6010B	1	0.52	5.15	78.1		mg/Kg	08/12/20	17:18	ERR	449693
Zinc	SW6010B	1	0.31	5.15	37.6		mg/Kg	08/12/20	17:18	ERR	449693



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@5	Lab Sample ID:	2008077-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:23		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/10/20	6:00:00PM
Prep Batch ID:	1124410	Prep Analyst:	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	3.20		%	08/11/20	12:20	BJAY	449617
Dry Weight Factor	ASTM D2216-90	1	1	1	1.03		-	08/11/20	12:20	BJAY	449617



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@5	Lab Sample ID:	2008077-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:23		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/11/20 11:02:00AM
Prep Batch ID:	1124398	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.88	2.1	ND		mg/Kg	08/12/20	0:38	MK	449660
TPH as Motor Oil (SG)	SW8015B	1	3.3	10	ND		mg/Kg	08/12/20	0:38	MK	449660
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		68.0		%	08/12/20	0:38	MK	449660



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@5	Lab Sample ID:	2008077-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:23		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method: 5035	Prep Batch Date/Time: 8/11/20 9:12:00AM
Prep Batch ID: 1124414	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Chloromethane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Vinyl Chloride	SW8260B	1	2.1	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Bromomethane	SW8260B	1	2.8	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Chloroethane	SW8260B	1	3.1	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,1-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Methylene Chloride	SW8260B	1	7.3	10	ND		ug/Kg	08/11/20	18:00	BP	449624
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	08/11/20	18:00	BP	449624
MTBE	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	18:00	BP	449624
TBA	SW8260B	1	12	52	ND		ug/Kg	08/11/20	18:00	BP	449624
Diisopropyl ether	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,1-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Ethyl tert-Butyl ether	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	18:00	BP	449624
cis-1,2-Dichloroethene	SW8260B	1	2.3	10	ND		ug/Kg	08/11/20	18:00	BP	449624
2,2-Dichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Bromochloromethane	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,1,1-Trichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Benzene	SW8260B	1	2.3	10	ND		ug/Kg	08/11/20	18:00	BP	449624
TAME	SW8260B	1	2.3	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,2-Dichloroethane	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Trichloroethylene	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Dibromomethane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	18:00	BP	449624
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Toluene	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	18:00	BP	449624
trans-1,3-Dichloropropene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,1,2-Trichloroethane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,3-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,2-Dibromoethane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Chlorobenzene	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@5	Lab Sample ID:	2008077-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:23		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method:	5035	Prep Batch Date/Time:	8/11/20 9:12:00AM
Prep Batch ID:	1124414	Prep Analyst:	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	18:00	BP	449624
m,p-Xylene	SW8260B	1	3.3	10	ND		ug/Kg	08/11/20	18:00	BP	449624
o-Xylene	SW8260B	1	1.8	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Styrene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Isopropyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	18:00	BP	449624
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	18:00	BP	449624
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,2,3-Trichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	18:00	BP	449624
4-Chlorotoluene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	18:00	BP	449624
tert-Butylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	08/11/20	18:00	BP	449624
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	08/11/20	18:00	BP	449624
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,4-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	08/11/20	18:00	BP	449624
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	08/11/20	18:00	BP	449624
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	18:00	BP	449624
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	18:00	BP	449624
2-Butanone	SW8260B	1	2.4	10.3	ND		ug/Kg	08/11/20	18:00	BP	449624
(S) Dibromofluoromethane	SW8260B		59.8 - 148		119		%	08/11/20	18:00	BP	449624
(S) Toluene-d8	SW8260B		55.2 - 133		107		%	08/11/20	18:00	BP	449624
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		95.6		%	08/11/20	18:00	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB5@5	Lab Sample ID:	2008077-005A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 10:23		
SDG:			
Tag Number:	831, Golden City UST		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/11/20	9:12:00AM
Prep Batch ID:	1124415	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	45	100	ND		ug/Kg	08/11/20	18:00	BP	449624
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		54.3		%	08/11/20	18:00	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB7@2	Lab Sample ID:	2008077-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:07		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/11/20	5:32:00PM
Prep Batch ID:	1124478	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	6.0	12	ND		mg/L	08/11/20	22:01	MK	449691



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB7@2	Lab Sample ID:	2008077-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:07		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	3050B	Prep Batch Date/Time:	8/11/20	4:10:00PM
Prep Batch ID:	1124422	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.18	1.55	22.3		mg/Kg	08/12/20	17:34	ERR	449693
Cadmium	SW6010B	1	0.12	5.95	78.0		mg/Kg	08/12/20	17:34	ERR	449693
Chromium	SW6010B	1	0.089	5.95	154		mg/Kg	08/12/20	17:34	ERR	449693
Nickel	SW6010B	1	0.60	5.95	196		mg/Kg	08/12/20	17:34	ERR	449693
Zinc	SW6010B	1	0.36	5.95	1850		mg/Kg	08/12/20	17:34	ERR	449693



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB7@2	Lab Sample ID:	2008077-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:07		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	3050B	Prep Batch Date/Time:	8/11/20	4:10:00PM
Prep Batch ID:	1124422	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	5	0.60	17.9	4220		mg/Kg	08/12/20	18:22	ERR	449693



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB7@2	Lab Sample ID:	2008077-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:07		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/10/20	6:00:00PM
Prep Batch ID:	1124410	Prep Analyst:	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	19.2		%	08/11/20	12:20	BJAY	449617
Dry Weight Factor	ASTM D2216-90	1	1	1	1.19		-	08/11/20	12:20	BJAY	449617



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB7@2	Lab Sample ID:	2008077-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:07		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/11/20 11:02:00AM
Prep Batch ID:	1124398	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	10	10	24	28.7		mg/Kg	08/12/20	13:05	MK	449660
TPH as Motor Oil (SG)	SW8015B	10	38	120	397		mg/Kg	08/12/20	13:05	MK	449660
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		54.6		%	08/12/20	13:05	MK	449660



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB7@2	Lab Sample ID:	2008077-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:07		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	5035	Prep Batch Date/Time:	8/11/20 9:12:00AM
Prep Batch ID:	1124414	Prep Analyst:	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.5	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Chloromethane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Vinyl Chloride	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Bromomethane	SW8260B	1	3.2	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Chloroethane	SW8260B	1	3.6	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Trichlorofluoromethane	SW8260B	1	2.5	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,1-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Freon 113	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Methylene Chloride	SW8260B	1	8.4	12	ND		ug/Kg	08/11/20	18:30	BP	449624
trans-1,2-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	08/11/20	18:30	BP	449624
MTBE	SW8260B	1	2.8	12	ND		ug/Kg	08/11/20	18:30	BP	449624
TBA	SW8260B	1	14	60	ND		ug/Kg	08/11/20	18:30	BP	449624
Diisopropyl ether	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,1-Dichloroethane	SW8260B	1	2.6	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Ethyl tert-Butyl ether	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	18:30	BP	449624
cis-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	08/11/20	18:30	BP	449624
2,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Bromochloromethane	SW8260B	1	2.8	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Chloroform	SW8260B	1	2.8	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Carbon Tetrachloride	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,1,1-Trichloroethane	SW8260B	1	2.5	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,1-Dichloropropene	SW8260B	1	2.3	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Benzene	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	18:30	BP	449624
TAME	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,2-Dichloroethane	SW8260B	1	2.8	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Trichloroethylene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Dibromomethane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Bromodichloromethane	SW8260B	1	2.3	12	ND		ug/Kg	08/11/20	18:30	BP	449624
cis-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Toluene	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Tetrachloroethylene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	18:30	BP	449624
trans-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,1,2-Trichloroethane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,3-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,2-Dibromoethane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Chlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	18:30	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB7@2	Lab Sample ID:	2008077-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:07		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method: 5035	Prep Batch Date/Time: 8/11/20 9:12:00AM
Prep Batch ID: 1124414	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,1,1,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	08/11/20	18:30	BP	449624
m,p-Xylene	SW8260B	1	3.8	12	ND		ug/Kg	08/11/20	18:30	BP	449624
o-Xylene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Styrene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Bromoform	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	18:30	BP	449624
n-Propylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Bromobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,1,2,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	08/11/20	18:30	BP	449624
2-Chlorotoluene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,3,5-Trimethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,2,3-Trichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	08/11/20	18:30	BP	449624
4-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	18:30	BP	449624
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	08/11/20	18:30	BP	449624
sec-Butyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	18:30	BP	449624
p-Isopropyltoluene	SW8260B	1	1.7	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,3-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,4-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	18:30	BP	449624
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,2,4-Trichlorobenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/11/20	18:30	BP	449624
Naphthalene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	18:30	BP	449624
1,2,3-Trichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	18:30	BP	449624
2-Butanone	SW8260B	1	2.7	11.9	ND		ug/Kg	08/11/20	18:30	BP	449624
(S) Dibromofluoromethane	SW8260B		59.8 - 148		127		%	08/11/20	18:30	BP	449624
(S) Toluene-d8	SW8260B		55.2 - 133		109		%	08/11/20	18:30	BP	449624
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		108		%	08/11/20	18:30	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB7@2	Lab Sample ID:	2008077-007A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:07		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/11/20	9:12:00AM
Prep Batch ID:	1124415	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	51	120	ND		ug/Kg	08/11/20	18:30	BP	449624
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		36.1	S	%	08/11/20	18:30	BP	449624

NOTE: S - Low surrogate recovery; analyzed twice with a similar result indicating a matrix effect



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB7@5	Lab Sample ID:	2008077-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:10		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/11/20	5:32:00PM
Prep Batch ID:	1124478	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.8	12	ND		mg/L	08/11/20	22:09	MK	449691



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB7@5	Lab Sample ID:	2008077-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:10		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	3050B	Prep Batch Date/Time:	8/11/20	4:10:00PM
Prep Batch ID:	1124422	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.17	1.51	11.1		mg/Kg	08/12/20	17:38	ERR	449693
Cadmium	SW6010B	1	0.12	5.80	ND		mg/Kg	08/12/20	17:38	ERR	449693
Chromium	SW6010B	1	0.087	5.80	66.4		mg/Kg	08/12/20	17:38	ERR	449693
Lead	SW6010B	1	0.12	3.48	12.7		mg/Kg	08/12/20	17:38	ERR	449693
Nickel	SW6010B	1	0.58	5.80	103		mg/Kg	08/12/20	17:38	ERR	449693
Zinc	SW6010B	1	0.35	5.80	78.8		mg/Kg	08/12/20	17:38	ERR	449693



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB7@5	Lab Sample ID:	2008077-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:10		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/10/20	6:00:00PM
Prep Batch ID:	1124410	Prep Analyst:	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.5		%	08/11/20	12:20	BJAY	449617
Dry Weight Factor	ASTM D2216-90	1	1	1	1.16		-	08/11/20	12:20	BJAY	449617



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/12/20

Client Sample ID:	WB7@5	Lab Sample ID:	2008077-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:10		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/11/20 11:02:00AM
Prep Batch ID:	1124398	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.99	2.3	ND		mg/Kg	08/12/20	1:25	MK	449660
TPH as Motor Oil (SG)	SW8015B	1	3.7	12	ND		mg/Kg	08/12/20	1:25	MK	449660
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		63.4		%	08/12/20	1:25	MK	449660



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB7@5	Lab Sample ID:	2008077-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:10		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	5035	Prep Batch Date/Time:	8/11/20 9:12:00AM
Prep Batch ID:	1124414	Prep Analyst:	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.4	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Chloromethane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Vinyl Chloride	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Bromomethane	SW8260B	1	3.1	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Chloroethane	SW8260B	1	3.5	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Trichlorofluoromethane	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,1-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Freon 113	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Methylene Chloride	SW8260B	1	8.2	12	ND		ug/Kg	08/11/20	19:00	BP	449624
trans-1,2-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	19:00	BP	449624
MTBE	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	19:00	BP	449624
TBA	SW8260B	1	13	58	ND		ug/Kg	08/11/20	19:00	BP	449624
Diisopropyl ether	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,1-Dichloroethane	SW8260B	1	2.6	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Ethyl tert-Butyl ether	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	19:00	BP	449624
cis-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	08/11/20	19:00	BP	449624
2,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Bromochloromethane	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Chloroform	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Carbon Tetrachloride	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,1,1-Trichloroethane	SW8260B	1	2.4	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,1-Dichloropropene	SW8260B	1	2.3	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Benzene	SW8260B	1	2.6	12	ND		ug/Kg	08/11/20	19:00	BP	449624
TAME	SW8260B	1	2.6	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,2-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Trichloroethylene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Dibromomethane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Bromodichloromethane	SW8260B	1	2.3	12	ND		ug/Kg	08/11/20	19:00	BP	449624
cis-1,3-Dichloropropene	SW8260B	1	1.8	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Toluene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Tetrachloroethylene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	19:00	BP	449624
trans-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,1,2-Trichloroethane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,3-Dichloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,2-Dibromoethane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Chlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	19:00	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB7@5	Lab Sample ID:	2008077-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:10		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	5035	Prep Batch Date/Time:	8/11/20 9:12:00AM
Prep Batch ID:	1124414	Prep Analyst:	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	19:00	BP	449624
m,p-Xylene	SW8260B	1	3.7	12	ND		ug/Kg	08/11/20	19:00	BP	449624
o-Xylene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Styrene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Bromoform	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	19:00	BP	449624
n-Propylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Bromobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	19:00	BP	449624
2-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,3,5-Trimethylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,2,3-Trichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	08/11/20	19:00	BP	449624
4-Chlorotoluene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	19:00	BP	449624
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	08/11/20	19:00	BP	449624
sec-Butyl Benzene	SW8260B	1	1.8	12	ND		ug/Kg	08/11/20	19:00	BP	449624
p-Isopropyltoluene	SW8260B	1	1.7	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,3-Dichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,4-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	08/11/20	19:00	BP	449624
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,2,4-Trichlorobenzene	SW8260B	1	1.7	12	ND		ug/Kg	08/11/20	19:00	BP	449624
Naphthalene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	19:00	BP	449624
1,2,3-Trichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	08/11/20	19:00	BP	449624
2-Butanone	SW8260B	1	2.6	11.6	ND		ug/Kg	08/11/20	19:00	BP	449624
(S) Dibromofluoromethane	SW8260B		59.8 - 148		133		%	08/11/20	19:00	BP	449624
(S) Toluene-d8	SW8260B		55.2 - 133		109		%	08/11/20	19:00	BP	449624
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		98.3		%	08/11/20	19:00	BP	449624



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am

Date Reported: 08/12/20

Client Sample ID:	WB7@5	Lab Sample ID:	2008077-008A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/07/20 / 9:10		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/11/20	9:12:00AM
Prep Batch ID:	1124415	Prep Analyst:	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	50	120	ND		ug/Kg	08/11/20	19:00	BP	449624
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		39.8	S	%	08/11/20	19:00	BP	449624

NOTE: S - Low surrogate recovery; analyzed twice with a similar result indicating a matrix effect



MB Summary Report

Work Order:	2008077	Prep Method:	3546_TPHSG	Prep Date:	08/11/20	Prep Batch:	1124398
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/11/2020	Analytical Batch:	449660
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel (SG)	0.85	2.0	ND		
TPH as Motor Oil (SG)	3.2	10	ND		
Pentacosane (S)			124		

Work Order:	2008077	Prep Method:	% Water-P	Prep Date:	08/10/20	Prep Batch:	1124410
Matrix:	Soil	Analytical Method:	ASTM D2216-90	Analyzed Date:	8/11/2020	Analytical Batch:	449617
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Moisture, Percent	0.050	0.050	ND		

Work Order:	2008077	Prep Method:	5035	Prep Date:	08/11/20	Prep Batch:	1124414
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449624
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	1.2	10	ND		
Chloromethane	1.8	10	ND		
Vinyl Chloride	2.0	10	ND		
Bromomethane	2.7	10	ND		
Chloroethane	3.0	10	ND		
Trichlorofluoromethane	2.1	10	ND		
1,1-Dichloroethene	2.0	10	ND		
Freon 113	1.9	10	ND		
Methylene Chloride	7.1	10	ND		
trans-1,2-Dichloroethene	2.1	10	ND		
MTBE	2.3	10	ND		
TBA	12	50	ND		
Diisopropyl ether	2.3	10	ND		
1,1-Dichloroethane	2.2	10	ND		
Ethyl tert-Butyl ether	2.3	10	ND		
cis-1,2-Dichloroethene	2.2	10	ND		
2,2-Dichloropropane	1.9	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	2.4	10	ND		
Carbon Tetrachloride	2.1	10	ND		
1,1,1-Trichloroethane	2.1	10	ND		
1,1-Dichloropropene	2.0	10	ND		
Benzene	2.2	10	ND		
TAME	2.3	10	ND		



MB Summary Report

Work Order:	2008077	Prep Method:	5035	Prep Date:	08/11/20	Prep Batch:	1124414
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449624
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethylbenzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
4-Methyl-2-Pentanone (MIBK)	2.0	50	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	



MB Summary Report

Work Order:	2008077	Prep Method:	5035	Prep Date:	08/11/20	Prep Batch:	1124414
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449624
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
2-Hexanone	5.0	20	ND		
Acetone	8.2	20	ND		
(S) Dibromofluoromethane			124		
(S) Toluene-d8			105		
(S) 4-Bromofluorobenzene			94.2		

Work Order:	2008077	Prep Method:	5035GRO	Prep Date:	08/11/20	Prep Batch:	1124415
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449624
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Gasoline	43	100	53		
(S) 4-Bromofluorobenzene			57.6		

Work Order:	2008077	Prep Method:	3050B	Prep Date:	08/11/20	Prep Batch:	1124422
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	8/12/2020	Analytical Batch:	449693
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Antimony	0.050	5.00	ND		
Arsenic	0.15	1.30	ND		
Barium	0.055	5.00	ND		
Beryllium	0.055	5.00	ND		
Cadmium	0.10	5.00	ND		
Chromium	0.075	5.00	ND		
Cobalt	0.070	5.00	ND		
Copper	0.20	5.00	1.2	J	
Lead	0.10	1.30	ND		
Molybdenum	0.050	5.00	ND		
Nickel	0.50	5.00	ND		
Selenium	0.22	5.00	ND		
Silver	0.15	5.00	ND		
Thallium	0.20	5.00	0.50	J	
Vanadium	0.10	5.00	0.11	J	
Zinc	0.30	5.00	ND		



MB Summary Report

Work Order:	2008077	Prep Method:	Glycol-S-P	Prep Date:	08/11/20	Prep Batch:	1124478
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/11/2020	Analytical Batch:	449691
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Ethylene Glycol	5.0	10	7.80		
Propylene Glycol	5.0	10	6.60		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008077	Prep Method:	3546_TPHSG	Prep Date:	08/11/20	Prep Batch:	1124398
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/11/2020	Analytical Batch:	449660
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.85	2.0	ND	25.0	81.7	67.6	18.8	40 - 110	30	
Pentacosane (S)			ND	200	106	108		40 - 129		

Work Order:	2008077	Prep Method:	5035	Prep Date:	08/11/20	Prep Batch:	1124414
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449624
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	117	109	6.37	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	112	110	2.52	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	103	101	1.77	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	111	112	0.359	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	103	105	1.54	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	91.2	87.1		59.8 - 148		
(S) Toluene-d8				50.0	84.2	82.6		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	80.7	82.0		55.8 - 141		

Work Order:	2008077	Prep Method:	5035GRO	Prep Date:	08/11/20	Prep Batch:	1124415
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449624
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	53	1000	86.4	93.2	7.57	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	75.4	99.9		43.9 - 127		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008077	Prep Method:	3050B	Prep Date:	08/11/20	Prep Batch:	1124422
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	8/12/2020	Analytical Batch:	449693
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	88.1	88.0	0.000	80 - 120	30	
Arsenic	0.15	1.30	ND	50	95.2	94.6	0.632	80 - 120	30	
Barium	0.055	5.00	ND	50	89.7	89.3	0.446	80 - 120	30	
Beryllium	0.055	5.00	ND	50	89.6	90.0	0.445	80 - 120	30	
Cadmium	0.10	5.00	ND	50	90.3	89.6	0.889	80 - 120	30	
Chromium	0.075	5.00	ND	50	88.4	88.0	0.454	80 - 120	30	
Cobalt	0.070	5.00	ND	50	83.6	83.3	0.480	80 - 120	30	
Copper	0.20	5.00	1.2	50	91.4	90.9	0.659	80 - 120	30	
Lead	0.10	3.00	ND	50	91.8	90.5	1.32	80 - 120	30	
Molybdenum	0.050	5.00	ND	50	86.9	86.5	0.461	80 - 120	30	
Nickel	0.50	5.00	ND	50	86.8	87.2	0.460	80 - 120	30	
Selenium	0.22	5.00	ND	50	91.2	90.5	0.881	80 - 120	30	
Silver	0.15	5.00	ND	50	85.1	86.0	1.17	80 - 120	30	
Thallium	0.20	5.00	0.50	50	98.7	98.3	0.406	80 - 120	30	
Vanadium	0.10	5.00	0.11	50	90.2	89.3	0.891	80 - 120	30	
Zinc	0.30	5.00	ND	50	90.0	88.8	1.34	80 - 120	30	

Work Order:	2008077	Prep Method:	Glycol-S-P	Prep Date:	08/11/20	Prep Batch:	1124478
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/11/2020	Analytical Batch:	449691
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Ethylene Glycol	5.0	10	7.80	200	105	102		60 - 140	30	
Propylene Glycol	5.0	8.0	6.60	200	104	101		60 - 140	30	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008077	Prep Method:	3546_TPHSG	Prep Date:	08/11/20	Prep Batch:	1124398
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/12/2020	Analytical Batch:	449660
Spiked Sample:	2008077-001A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.850	2.00	ND	25.0	46.2	46.9	1.49	40 - 110	30	
Pentacosane (S)				160	79.6	81.2		59 - 129		

Work Order:	2008077	Prep Method:	5035	Prep Date:	08/11/20	Prep Batch:	1124414
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449624
Spiked Sample:	2008077-008A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50	88.3	80.1	9.50	55 - 125	30	
Benzene	2.2	10	ND	50	99.9	91.9	8.33	55 - 125	30	
Trichloroethylene	1.8	10	ND	50	90.0	83.1	7.85	55 - 125	30	
Toluene	1.8	10	ND	50	107	99.5	7.51	55 - 125	30	
Chlorobenzene	1.8	10	ND	50	98.3	89.5	9.58	55 - 125	30	
(S) Dibromofluoromethane				50	121	108		59.8 - 148		
(S) Toluene-d8				50	115	103		55.2 - 133		
(S) 4-Bromofluorobenzene				50	102	95.1		55.8 - 141		



Duplicate QC Summary Report

Work Order:	2008077	Prep Method:	% Water-P	Prep Date:	8/10/2020	Prep Batch:	1124410
Matrix:		Analytical Method:	ASTM D2216-90	Analyzed Date:	08/11/20	Analytical Batch:	449617
Units:						Lab Sample ID: 2008077-001A-DUP-1124410	

Parameters	<u>MDL</u>	<u>PQL</u>	<u>Sample Result</u>	<u>Duplicate Result</u>	<u>% RPD</u>	
Moisture, Percent	0.056	0.0560	12.1	12.0	0.83	



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg/m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H - Indicates that the recommended holding time for the analyte or compound has been exceeded
J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S - Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.



Sample Receipt Checklist

Client Name: MJO Earthscience Services

Date and Time Received: 8/7/2020 11:35:00AM

Project Name: 1st & 2nd at Virginia St. San Jose

Received By: Helena Ueng

Work Order No.: 2008077

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	<u>Yes</u>
Chain of custody signed when relinquished and received?	<u>Yes</u>
Chain of custody agrees with sample labels?	<u>Yes</u>
Custody seals intact on sample bottles?	<u>Not Present</u>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	<u>Not Present</u>
Shipping Container/Cooler In Good Condition?	<u>Yes</u>
Samples in proper container/bottle?	<u>Yes</u>
Samples containers intact?	<u>Yes</u>
Sufficient sample volume for indicated test?	<u>Yes</u>

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	<u>Yes</u>
Container/Temp Blank temperature in compliance?	Temperature: 9.0 °C
Water-VOA vials have zero headspace?	<u>No VOA vials submitted</u>
Water-pH acceptable upon receipt?	<u>N/A</u>
pH Checked by: N/A	pH Adjusted by: N/A

Comments:

Samples transported on ice



Login Summary Report

Client ID:	TL5200	MJO Earthscience Services	QC Level:	II
Project Name:	1st & 2nd at Virginia St. San Jose		TAT Requested:	3 Day Std:3
Project # :	OL072-6.4		Date Received:	8/7/2020
Report Due Date:	8/12/2020		Time Received:	11:35 am
Comments:				
Work Order # :	2008077			

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2008077-001A	WB3@2	08/07/20 8:07	Soil	02/03/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
Sample Note: VOCs/TPHg; TPHd/mo with SGC; 8015-Ethylene Glycol; 6010-As, Cd, Cr, Pb, Ni, Zn *Report all data on Dry weight basis								
2008077-002A	WB3@5	08/07/20 8:10	Soil	02/03/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008077-003A	WB3@10	08/07/20 8:10	Soil	02/03/21			Hold Samples	
2008077-004A	WB5@2	08/07/20 10:20	Soil	02/03/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008077-005A	WB5@5	08/07/20 10:23	Soil	02/03/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
2008077-006A	WB5@10	08/07/20 10:27	Soil	02/03/21			Hold Samples	
2008077-007A	WB7@2	08/07/20 9:07	Soil	02/03/21				



Login Summary Report

Client ID: TL5200 MJO Earthscience Services

QC Level: II

Project Name: 1st & 2nd at Virginia St. San Jose

TAT Requested: 3 Day Std:3

Project # : OL072-6.4

Date Received: 8/7/2020

Report Due Date: 8/12/2020

Time Received: 11:35 am

Comments:

Work Order # : 2008077

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
							Glycols_S Met_S_6010CAM17 DryW PMOIST TPHDOSG_S_8015B DryW VOC_S_8260B DWF VOC_S_GRO	
2008077-008A	WB7@5	08/07/20 9:10	Soil	02/03/21				
							Glycols_S Met_S_6010CAM17 DryW PMOIST TPHDOSG_S_8015B DryW VOC_S_8260B DWF VOC_S_GRO	
2008077-009A	WB7@10	08/07/20 9:12	Soil	02/03/21				
							Hold Samples	

2008077

Laboratory Name: Torrent Laboratory, Inc. 483 Sinclair Frontage Road Milpitas, California 95035 (408) 263-5258					CHAIN-OF-CUSTODY Take soil sample from black cap end (top) of tube.					MJO Earthscience Services P.O. Box 824 Los Gatos, CA 95031-0624 Phn: (831) 688-1007 Attn: Michael O'Leary									
Project No: OL072-6.4		Site Name and Address: 1 st & 2 nd at Virginia St. San Jose			Analyses Requested														
Sampler (signature): <i>R.G. Kuykendall</i>					Company <i>MJO</i>					No. Containers									
Sample No.	Date 2020	Time	Soil	Water	Location of Sample	No. Containers	TPHg VOCs (8260B)	TPH d, mo	Silica Gel Cln	Ethyl Glycol (8015B)	Pb (6010B)	LUFT Metals+As	Moisture Content	Preservatives	Turn Around Time And Remarks				
WB1@2			X		20, Closed UST	1	X	X	X	X		X	X						
WB1@5			X		20, Closed UST	1	X	X	X	X		X	X						
WB1@10			X		20, Closed UST	1									Hold				
WB2@2			X		802, S. 1 st Parking	1	X	X	X	X		X	X						
WB2@5			X		802, S. 1 st Parking	1	X	X	X	X		X	X						
WB2@10			X		802, S. 1 st Parking	1									Hold				
WB3@2	8/7	8:07	X		838, Beside Man-Trench	1	X	X	X	X		X	X						
WB3@5	8/7	8:10	X		838, Beside Man-Trench	1	X	X	X	X		X	X						
WB3@10	8/7	8:10	X		838, Beside Man-Trench	1									Hold				
WB4@2			X		833 S. 2 nd St	1	X	X	X	X		X	X						
WB4@5			X		833 S. 2 nd St	1	X	X	X	X		X	X						
WB4@10			X		833 S. 2 nd St	1									Hold				

Relinquished by (signature): <i>R.G. Kuykendall</i>	Date 8-7-2020	Time 11:35	Received by (signature): <i>[Signature]</i> Company	The following MUST be completed by the LABORATORY accepting samples: 1) Have all samples been stored on ice? ____ 2) Do any VOA containers have headspace? ____ 3) Were samples intact and in proper containers? ____
Relinquished by (signature):	Date	Time	Received by (signature): <i>[Signature]</i> Company	
Relinquished by (signature):	Date	Time	Received for LABORATORY by (signature):	

D/O Temp = 9° C #2

2008077

Laboratory Name: Torrent Laboratory, Inc. 483 Sinclair Frontage Road Milpitas, California 95035 (408) 263-5258						CHAIN-OF-CUSTODY * Take soil sample from black cap end (top) of tube.						MJO Earthscience Services PO Box 624 Los Gatos, CA 95031-0624 Phn: (831) 688-1007 Attn: Michael O'Leary					
Project No: OL072-6.4		Site Name and Address: 1 st & 2 nd at Virginia St. San Jose				Analyses Requested											
Sampler (signature): <i>R. G. Kuyper</i>					Company: MJO	No. Containers	TPHg VOCs (8260B)	TPH d, mo	Silica Gel Cln	Ethyl. Glycol (8015B)	Pb (6010B)	LUFT Metals+As	Moisture Content	Preservatives Chill	Turn Around Time And Remarks Standard		
Sample No.	Date 2020	Time	Soil	Water	Location of Sample												
WB5@2	8-7	10:20	X		831, Golden City UST	1	X	X	X	X		X	X				
WB5@5	8-7	10:23	X		831, Golden City UST	1	X	X	X	X		X	X				
WB5@10	8-7	10:27	X		831, Golden City UST	1									Hold		
~~WB6@2~~			~~X~~		~~Wheel Works Parking Area~~	~~1~~	~~X~~	~~X~~	~~X~~	~~X~~		~~X~~	~~X~~				
~~WB6@5~~			~~X~~		~~Wheel Works Parking Area~~	~~1~~	~~X~~	~~X~~	~~X~~	~~X~~		~~X~~	~~X~~				
~~WB6@10~~			~~X~~		~~Wheel Works Parking Area~~	~~1~~									Hold		
WB7@2	8/7	9:07	X		831 S. 2 nd St.	1	X	X	X	X		X	X				
WB7@5	8/7	9:10	X		831 S. 2 nd St.	1	X	X	X	X		X	X				
WB7@10	8/7	9:12	X		831 S. 2 nd St.	1									Hold		
~~WB8@2~~			~~X~~		~~807 S. 2nd St.~~	~~1~~	~~X~~	~~X~~	~~X~~	~~X~~		~~X~~	~~X~~				
~~WB8@5~~			~~X~~		~~807 S. 2nd St.~~	~~1~~	~~X~~	~~X~~	~~X~~	~~X~~		~~X~~	~~X~~				
~~WB8@10~~			~~X~~		~~807 S. 2nd St.~~	~~1~~									Hold		
Relinquished by (signature): <i>R. G. Kuyper</i>		Date 8-7-2020	Time 11:35	Received by (signature): <i>[Signature]</i>		The following MUST be completed by the LABORATORY accepting samples: 1) Have all samples been stored on ice? ____ 2) Do any VOA containers have headspace? ____ 3) Were samples intact and in proper containers? ____											
Relinquished by (signature):		Date	Time	Received by (signature): Company													
Relinquished by (signature):		Date	Time	Received for LABORATORY by (signature):													

D/O Temp = 9°C/42



MJO Earthscience Services
15466 Los Gatos Blvd, #109-142
Los Gatos, California 95032
Tel: 8316881007
Fax: 8316881079
RE: 1st & 2nd at Virginia St. San Jose

Work Order No.: 2008060

Dear Michael O'Leary:

Torrent Laboratory, Inc. received 3 sample(s) on August 06, 2020 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive, flowing style.

Kathie Evans
Project Manager

August 11, 2020

Date



Date: 8/11/2020

Client: MJO Earthscience Services

Project: 1st & 2nd at Virginia St. San Jose

Work Order: 2008060

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.

Data is reported on a dry weight basis.



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/06/20

Date Reported: 08/11/20

WB4@2

2008060-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	4.39	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.04	%
Arsenic	SW6010B	1	0.16	1.35	7.85	mg/Kg
Chromium	SW6010B	1	0.078	5.20	58.2	mg/Kg
Lead	SW6010B	1	0.10	3.12	48.3	mg/Kg
Nickel	SW6010B	1	0.52	5.20	92.6	mg/Kg
Zinc	SW6010B	1	0.31	5.20	85.3	mg/Kg

WB4@5

2008060-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.56	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.08	%
Arsenic	SW6010B	1	0.16	1.40	4.91	mg/Kg
Chromium	SW6010B	1	0.081	5.40	54.5	mg/Kg
Lead	SW6010B	1	0.11	3.24	9.02	mg/Kg
Nickel	SW6010B	1	0.54	5.40	85.3	mg/Kg
Zinc	SW6010B	1	0.32	5.40	56.2	mg/Kg



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@2	Lab Sample ID:	2008060-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.2	10	ND		mg/Kg	08/11/20	2:03	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@2	Lab Sample ID:	2008060-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method: 3050B	Prep Batch Date/Time: 8/7/20 5:45:00PM
Prep Batch ID: 1124332	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.16	1.35	7.85		mg/Kg	08/08/20	16:37	TMN	449594
Cadmium	SW6010B	1	0.10	5.20	ND		mg/Kg	08/08/20	16:37	TMN	449594
Chromium	SW6010B	1	0.078	5.20	58.2		mg/Kg	08/08/20	16:37	TMN	449594
Lead	SW6010B	1	0.10	3.12	48.3		mg/Kg	08/08/20	16:37	TMN	449594
Nickel	SW6010B	1	0.52	5.20	92.6		mg/Kg	08/08/20	16:37	TMN	449594
Zinc	SW6010B	1	0.31	5.20	85.3		mg/Kg	08/08/20	16:37	TMN	449594



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@2	Lab Sample ID:	2008060-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	4.39		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.04		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@2	Lab Sample ID:	2008060-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.88	2.1	ND		mg/Kg	08/10/20	22:53	MK	449632
TPH as Motor Oil (SG)	SW8015B	1	3.3	10	ND		mg/Kg	08/10/20	22:53	MK	449632
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		57.7		%	08/10/20	22:53	MK	449632



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@2	Lab Sample ID:	2008060-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Chloromethane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Vinyl Chloride	SW8260B	1	2.1	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Bromomethane	SW8260B	1	2.8	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Chloroethane	SW8260B	1	3.1	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,1-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Freon 113	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Methylene Chloride	SW8260B	1	7.4	10	ND		ug/Kg	08/11/20	6:06	AD	449618
trans-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	08/11/20	6:06	AD	449618
MTBE	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	6:06	AD	449618
TBA	SW8260B	1	12	52	ND		ug/Kg	08/11/20	6:06	AD	449618
Diisopropyl ether	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,1-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Ethyl tert-Butyl ether	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	6:06	AD	449618
cis-1,2-Dichloroethene	SW8260B	1	2.3	10	ND		ug/Kg	08/11/20	6:06	AD	449618
2,2-Dichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Bromochloromethane	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Chloroform	SW8260B	1	2.5	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,1,1-Trichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,1-Dichloropropene	SW8260B	1	2.1	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Benzene	SW8260B	1	2.3	10	ND		ug/Kg	08/11/20	6:06	AD	449618
TAME	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,2-Dichloroethane	SW8260B	1	2.4	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Trichloroethylene	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Dibromomethane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	6:06	AD	449618
cis-1,3-Dichloropropene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Toluene	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
trans-1,3-Dichloropropene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,1,2-Trichloroethane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,3-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,2-Dibromoethane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Chlorobenzene	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	6:06	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@2	Lab Sample ID:	2008060-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	6:06	AD	449618
m,p-Xylene	SW8260B	1	3.3	10	ND		ug/Kg	08/11/20	6:06	AD	449618
o-Xylene	SW8260B	1	1.8	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Styrene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Isopropyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	6:06	AD	449618
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,2,3-Trichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	08/11/20	6:06	AD	449618
4-Chlorotoluene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
tert-Butylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	08/11/20	6:06	AD	449618
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	08/11/20	6:06	AD	449618
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,4-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	08/11/20	6:06	AD	449618
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	08/11/20	6:06	AD	449618
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	08/11/20	6:06	AD	449618
2-Butanone	SW8260B	1	2.4	10.4	ND		ug/Kg	08/11/20	6:06	AD	449618
(S) Dibromofluoromethane	SW8260B		59.8 - 148		86.7		%	08/11/20	6:06	AD	449618
(S) Toluene-d8	SW8260B		55.2 - 133		109		%	08/11/20	6:06	AD	449618
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		89.3		%	08/11/20	6:06	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@2	Lab Sample ID:	2008060-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/10/20 11:16:00PM
Prep Batch ID:	1124411	Prep Analyst:	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	45	100	ND		ug/Kg	08/11/20	6:06	AD	449618
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		55.4		%	08/11/20	6:06	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@5	Lab Sample ID:	2008060-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method:	Glycol-S-P	Prep Batch Date/Time:	8/10/20	9:15:00PM
Prep Batch ID:	1124434	Prep Analyst:	TTO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylene Glycol	SW8015B	1	5.4	11	ND		mg/Kg	08/11/20	2:12	MK	449645



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@5	Lab Sample ID:	2008060-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method: 3050B	Prep Batch Date/Time: 8/7/20 5:45:00PM
Prep Batch ID: 1124332	Prep Analyst: TNGU

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.16	1.40	4.91		mg/Kg	08/08/20	16:41	TMN	449594
Cadmium	SW6010B	1	0.11	5.40	ND		mg/Kg	08/08/20	16:41	TMN	449594
Chromium	SW6010B	1	0.081	5.40	54.5		mg/Kg	08/08/20	16:41	TMN	449594
Lead	SW6010B	1	0.11	3.24	9.02		mg/Kg	08/08/20	16:41	TMN	449594
Nickel	SW6010B	1	0.54	5.40	85.3		mg/Kg	08/08/20	16:41	TMN	449594
Zinc	SW6010B	1	0.32	5.40	56.2		mg/Kg	08/08/20	16:41	TMN	449594



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@5	Lab Sample ID:	2008060-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method:	% Water-P	Prep Batch Date/Time:	8/7/20	4:00:00PM
Prep Batch ID:	1124356	Prep Analyst:	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.56		%	08/08/20	10:00	IZ	449566
Dry Weight Factor	ASTM D2216-90	1	1	1	1.08		-	08/08/20	10:00	IZ	449566



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@5	Lab Sample ID:	2008060-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method:	3546_TPHSG	Prep Batch Date/Time:	8/8/20 9:42:00AM
Prep Batch ID:	1124339	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.92	2.2	ND		mg/Kg	08/10/20	23:16	MK	449632
TPH as Motor Oil (SG)	SW8015B	1	3.4	11	ND		mg/Kg	08/10/20	23:16	MK	449632
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 120		57.3		%	08/10/20	23:16	MK	449632



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@5	Lab Sample ID:	2008060-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Bromomethane	SW8260B	1	2.9	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Chloroethane	SW8260B	1	3.3	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Methylene Chloride	SW8260B	1	7.7	11	ND		ug/Kg	08/11/20	6:35	AD	449618
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	6:35	AD	449618
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	6:35	AD	449618
TBA	SW8260B	1	12	54	ND		ug/Kg	08/11/20	6:35	AD	449618
Diisopropyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Ethyl tert-Butyl ether	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	6:35	AD	449618
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	6:35	AD	449618
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Benzene	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	6:35	AD	449618
TAME	SW8260B	1	2.4	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,2-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Trichloroethylene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	6:35	AD	449618
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Tetrachloroethylene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	6:35	AD	449618
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	6:35	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@5	Lab Sample ID:	2008060-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method: 5035	Prep Batch Date/Time: 8/10/20 11:16:00PM
Prep Batch ID: 1124409	Prep Analyst: ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	6:35	AD	449618
m,p-Xylene	SW8260B	1	3.4	11	ND		ug/Kg	08/11/20	6:35	AD	449618
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	6:35	AD	449618
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	6:35	AD	449618
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	08/11/20	6:35	AD	449618
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	6:35	AD	449618
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	08/11/20	6:35	AD	449618
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	08/11/20	6:35	AD	449618
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	6:35	AD	449618
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	08/11/20	6:35	AD	449618
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	6:35	AD	449618
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	08/11/20	6:35	AD	449618
2-Butanone	SW8260B	1	2.5	10.8	ND		ug/Kg	08/11/20	6:35	AD	449618
(S) Dibromofluoromethane	SW8260B		59.8 - 148		82.2		%	08/11/20	6:35	AD	449618
(S) Toluene-d8	SW8260B		55.2 - 133		107		%	08/11/20	6:35	AD	449618
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		90.2		%	08/11/20	6:35	AD	449618



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/11/20

Client Sample ID:	WB4@5	Lab Sample ID:	2008060-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Soil
Project Number:	OL072-6.4		
Date/Time Sampled:	08/06/20 / 10:00		
SDG:			
Tag Number:	833 S. 2nd St.		

Prep Method:	5035GRO	Prep Batch Date/Time:	8/10/20 11:16:00PM
Prep Batch ID:	1124411	Prep Analyst:	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	47	110	ND		ug/Kg	08/11/20	6:35	AD	449618
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		50.3		%	08/11/20	6:35	AD	449618



MB Summary Report

Work Order:	2008060	Prep Method:	3050B	Prep Date:	08/07/20	Prep Batch:	1124332
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	8/8/2020	Analytical Batch:	449594
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	0.48	
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	ND	
Beryllium	0.055	5.00	ND	
Cadmium	0.10	5.00	ND	
Chromium	0.075	5.00	0.11	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	1.30	ND	
Molybdenum	0.050	5.00	0.13	
Nickel	0.50	5.00	ND	
Selenium	0.22	5.00	0.23	
Silver	0.15	5.00	ND	
Thallium	0.20	5.00	ND	
Vanadium	0.10	5.00	0.12	
Zinc	0.30	5.00	0.81	

Work Order:	2008060	Prep Method:	3546_TPHSG	Prep Date:	08/08/20	Prep Batch:	1124339
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/8/2020	Analytical Batch:	449574
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel (SG)	0.85	2.0	ND	
TPH as Motor Oil (SG)	3.2	10	ND	
Pentacosane (S)			70.1	

Work Order:	2008060	Prep Method:	% Water-P	Prep Date:	08/07/20	Prep Batch:	1124356
Matrix:	Soil	Analytical Method:	ASTM D2216-90	Analyzed Date:	8/8/2020	Analytical Batch:	449566
Units:	%						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Moisture, Percent	0.050	0.050	ND	



MB Summary Report

Work Order:	2008060	Prep Method:	5035	Prep Date:	08/10/20	Prep Batch:	1124409
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449618
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
TBA	12	50	ND	
Diisopropyl ether	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
Ethyl tert-Butyl ether	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethylbenzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	



MB Summary Report

Work Order:	2008060	Prep Method:	5035	Prep Date:	08/10/20	Prep Batch:	1124409
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449618
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	1.8	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
4-Methyl-2-Pentanone (MIBK)	2.0	50	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			92.5	
(S) Toluene-d8			98.8	
(S) 4-Bromofluorobenzene			93.9	

Work Order:	2008060	Prep Method:	5035GRO	Prep Date:	08/10/20	Prep Batch:	1124411
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449618
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			76.1	



MB Summary Report

Work Order:	2008060	Prep Method:	Glycol-S-P	Prep Date:	08/10/20	Prep Batch:	1124434
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/10/2020	Analytical Batch:	449645
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Ethylene Glycol	5.0	10	5.52		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008060	Prep Method:	3050B	Prep Date:	08/07/20	Prep Batch:	1124332
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	8/8/2020	Analytical Batch:	449594
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	0.48	50	103	102	0.976	80 - 120	30	
Arsenic	0.15	1.30	ND	50	97.1	97.2	0.000	80 - 120	30	
Barium	0.055	5.00	ND	50	103	103	0.000	80 - 120	30	
Beryllium	0.055	5.00	ND	50	106	106	0.000	80 - 120	30	
Cadmium	0.10	5.00	ND	50	99.4	101	1.60	80 - 120	30	
Chromium	0.075	5.00	0.11	50	102	104	1.94	80 - 120	30	
Cobalt	0.070	5.00	ND	50	102	102	0.000	80 - 120	30	
Copper	0.20	5.00	ND	50	106	106	0.000	80 - 120	30	
Lead	0.10	3.00	ND	50	99.6	99.4	0.201	80 - 120	30	
Molybdenum	0.050	5.00	0.13	50	104	105	0.957	80 - 120	30	
Nickel	0.50	5.00	ND	50	102	103	0.976	80 - 120	30	
Selenium	0.22	5.00	0.23	50	90.1	89.8	0.444	80 - 120	30	
Silver	0.15	5.00	ND	50	99.3	99.8	0.402	80 - 120	30	
Thallium	0.20	5.00	ND	50	100	101	0.995	80 - 120	30	
Vanadium	0.10	5.00	0.12	50	103	104	0.966	80 - 120	30	
Zinc	0.30	5.00	0.81	50	99.8	100	0.200	80 - 120	30	

Work Order:	2008060	Prep Method:	3546_TPHSG	Prep Date:	08/08/20	Prep Batch:	1124339
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/8/2020	Analytical Batch:	449574
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.85	2.0	ND	25.0	42.7	44.5	3.67	40 - 110	30	
Pentacosane (S)			ND	200	100	92.5		40 - 129		

Work Order:	2008060	Prep Method:	5035	Prep Date:	08/10/20	Prep Batch:	1124409
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449618
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	82.4	78.3	4.98	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	97.7	92.0	5.91	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	93.8	93.3	0.642	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	96.2	94.3	1.89	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	97.5	94.0	3.76	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	108	103		59.8 - 148		
(S) Toluene-d8				50.0	106	100		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	105	96.8		55.8 - 141		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008060	Prep Method:	5035GRO	Prep Date:	08/10/20	Prep Batch:	1124411
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	8/11/2020	Analytical Batch:	449618
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	ND	1000	93.6	94.4	0.851	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	80.6	81.2		43.9 - 127		

Work Order:	2008060	Prep Method:	Glycol-S-P	Prep Date:	08/10/20	Prep Batch:	1124434
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/10/2020	Analytical Batch:	449645
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Ethylene Glycol	5.0	10	5.52	200	106	102		60 - 140	30	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008060	Prep Method:	3546_TPHSG	Prep Date:	08/08/20	Prep Batch:	1124339
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	8/10/2020	Analytical Batch:	449632
Spiked Sample:	2008060-002A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.850	2.00	ND	25.0	46.2	40.6	11.3	40 - 110	30	
Pentacosane (S)				200	63.8	61.1		59 - 129		



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg/m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm ² surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H - Indicates that the recommended holding time for the analyte or compound has been exceeded
J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S - Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.



Sample Receipt Checklist

Client Name: MJO Earthscience Services

Date and Time Received: 8/6/2020 3:30:00PM

Project Name: 1st & 2nd at Virginia St. San Jose

Received By: Lorna Imbat

Work Order No.: 2008060

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	<u>Yes</u>
Chain of custody signed when relinquished and received?	<u>Yes</u>
Chain of custody agrees with sample labels?	<u>Yes</u>
Custody seals intact on sample bottles?	<u>Not Present</u>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	<u>Not Present</u>
Shipping Container/Cooler In Good Condition?	<u>Yes</u>
Samples in proper container/bottle?	<u>Yes</u>
Samples containers intact?	<u>Yes</u>
Sufficient sample volume for indicated test?	<u>Yes</u>

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	<u>Yes</u>
Container/Temp Blank temperature in compliance?	Temperature: 11.0 °C
Water-VOA vials have zero headspace?	<u>No VOA vials submitted</u>
Water-pH acceptable upon receipt?	<u>N/A</u>
pH Checked by: N/A	pH Adjusted by: N/A

Comments:

Samples transported on ice



Login Summary Report

Client ID: TL5200 MJO Earthscience Services

Project Name: 1st & 2nd at Virginia St. San Jose

Project # : OL072-6.4

Report Due Date: 8/11/2020

QC Level: II

TAT Requested: 3 Day Std:3

Date Received: 8/6/2020

Time Received: 3:30 pm

Comments:

Work Order # : 2008060

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2008060-001A	WB4@2	08/06/20 10:00	Soil	02/02/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
Sample Note: VOCs/TPHg; TPHd/mo with SGC; 8015-Ethylene Glycol; 6010-As, Cd, Cr, Pb, Ni, Zn *Report all data on Dry weight basis								
2008060-002A	WB4@5	08/06/20 10:00	Soil	02/02/21			Glycols_S VOC_S_GRO VOC_S_8260B DWF TPHDOSG_S_8015B DryW PMOIST Met_S_6010CAM17 DryW	
Sample Note:								
2008060-003A	WB4@10	08/06/20 10:00	Soil	02/02/21			Hold Samples	



2008060

Laboratory Name: Torrent Laboratory, Inc. 483 Sinclair Frontage Road Milpitas, California 95035 (408) 263-5258					CHAIN-OF-CUSTODY * Take soil sample from black cap end (top) of tube.					MJO Earthscience Services PO Box 624 Los Gatos, CA 95031-0624 Phn: (831) 688-1007 Attn: Michael O'Leary				
Project No: OL072-6.4		Site Name and Address: 1 st & 2 nd at Virginia St. San Jose			Analyses Requested									
Sampler (signature): <i>REK</i> Company <i>MJO</i>					No. Containers	TPHg VOCs (8260B)	TPH d, mo	Silica Gel Cln	Ethyl. Glycol (8015B)	Pb (6010B)	LUFT Metals+As	Moisture Content	Preservatives Chill	Turn Around Time And Remarks <i>Standard 3 Day</i>
Sample No.	Date 2020	Time	Soil	Water	Location of Sample									
WB1@2			X		20, Closed UST	1	X	X	X	X	X	X		
WB1@5			X		20, Closed UST	1	X	X	X	X	X	X		
WB1@10			X		20, Closed UST	1								Hold
WB2@2			X		802, S. 1 st Parking	1	X	X	X	X		X	X	
WB2@5			X		802, S. 1 st Parking	1	X	X	X	X		X	X	
WB2@10			X		802, S. 1 st Parking	1								Hold
WB3@2			X		838, Beside Man-Trench	1	X	X	X	X		X	X	
WB3@5			X		838, Beside Man-Trench	1	X	X	X	X		X	X	
WB3@10			X		838, Beside Man-Trench	1								Hold
WB4@2	8/6	10:00	X		833 S. 2 nd St.	1	X	X	X	X		X	X	
WB4@5	8/6	10:00	X		833 S. 2 nd St.	1	X	X	X	X		X	X	
WB4@10	8/6	11:00	X		833 S. 2 nd St.	1								Hold
Relinquished by (signature): <i>[Signature]</i>					Date 8-6-20	Time 3:30	Received by (signature): <i>[Signature]</i> Company <i>L-D-Incat</i>					The following MUST be completed by the LABORATORY accepting samples: 1) Have all samples been stored on ice? ____ 2) Do any VOA containers have headspace? ____ 3) Were samples intact and in proper containers? ____		
Relinquished by (signature):					Date	Time	Received by (signature): Company							
Relinquished by (signature):					Date	Time	Received for LABORATORY by (signature):							

D/O temp 11/2



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2009450

Report Created for: The Denali Group

2255 Morello Ave., Ste. 208
Pleasant Hill, CA 94523

Project Contact: Bob Kuykendall

Project P.O.:

Project: 2707; D'Amico

Project Received: 09/10/2020

Analytical Report reviewed & approved for release on 09/16/2020 by:

Yen Cao

Project Manager

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





Glossary of Terms & Qualifier Definitions

Client: The Denali Group
Project: 2707; D'Amico
WorkOrder: 2009450

Glossary Abbreviation

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



Glossary of Terms & Qualifier Definitions

Client: The Denali Group
Project: 2707; D'Amico
WorkOrder: 2009450

Quality Control Qualifiers

F1 MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.
F10 MS/MSD outside control limits. Physical or chemical interferences exist due to sample matrix.



Case Narrative

Client: The Denali Group
Project: 2707; D'Amico

Work Order: 2009450
September 16, 2020

Percent Moisture

In accordance with SW-846, 8000, percent moisture is reported as:

$$[\text{Moisture Weight (g)}] / [\text{Sample Wet Weight (g)}] \times 100$$



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:25
Date Prepared: 09/10/2020
Project: 2707; D'Amico

WorkOrder: 2009450
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@2	2009450-001A	Soil	09/09/2020 11:40	GC19 09112035.D	205306

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/12/2020 08:07
MTBE	ND	0.050	1	09/12/2020 08:07
Benzene	ND	0.0050	1	09/12/2020 08:07
Toluene	ND	0.0050	1	09/12/2020 08:07
Ethylbenzene	ND	0.0050	1	09/12/2020 08:07
m,p-Xylene	ND	0.010	1	09/12/2020 08:07
o-Xylene	ND	0.0050	1	09/12/2020 08:07
Xylenes	ND	0.0050	1	09/12/2020 08:07

Surrogates	REC (%)	Limits	
2-Fluorotoluene	92	62-126	09/12/2020 08:07

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@4	2009450-002A	Soil	09/09/2020 11:40	GC19 09112036.D	205306

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/12/2020 08:38
MTBE	ND	0.050	1	09/12/2020 08:38
Benzene	ND	0.0050	1	09/12/2020 08:38
Toluene	ND	0.0050	1	09/12/2020 08:38
Ethylbenzene	ND	0.0050	1	09/12/2020 08:38
m,p-Xylene	ND	0.010	1	09/12/2020 08:38
o-Xylene	ND	0.0050	1	09/12/2020 08:38
Xylenes	ND	0.0050	1	09/12/2020 08:38

Surrogates	REC (%)	Limits	
2-Fluorotoluene	87	62-126	09/12/2020 08:38

Analyst(s): IA

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:25
Date Prepared: 09/10/2020
Project: 2707; D'Amico

WorkOrder: 2009450
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@6	2009450-003A	Soil	09/09/2020 11:40	GC19 09112037.D	205306

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/12/2020 09:08
MTBE	ND	0.050	1	09/12/2020 09:08
Benzene	ND	0.0050	1	09/12/2020 09:08
Toluene	ND	0.0050	1	09/12/2020 09:08
Ethylbenzene	ND	0.0050	1	09/12/2020 09:08
m,p-Xylene	ND	0.010	1	09/12/2020 09:08
o-Xylene	ND	0.0050	1	09/12/2020 09:08
Xylenes	ND	0.0050	1	09/12/2020 09:08

Surrogates	REC (%)	Limits	
2-Fluorotoluene	86	62-126	09/12/2020 09:08

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@2	2009450-004A	Soil	09/09/2020 12:00	GC7 09112059.D	205306

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/12/2020 18:08
MTBE	ND	0.050	1	09/12/2020 18:08
Benzene	ND	0.0050	1	09/12/2020 18:08
Toluene	ND	0.0050	1	09/12/2020 18:08
Ethylbenzene	ND	0.0050	1	09/12/2020 18:08
m,p-Xylene	ND	0.010	1	09/12/2020 18:08
o-Xylene	ND	0.0050	1	09/12/2020 18:08
Xylenes	ND	0.0050	1	09/12/2020 18:08

Surrogates	REC (%)	Limits	
2-Fluorotoluene	86	62-126	09/12/2020 18:08

Analyst(s): IA

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:25
Date Prepared: 09/10/2020
Project: 2707; D'Amico

WorkOrder: 2009450
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@4	2009450-005A	Soil	09/09/2020 12:00	GC19 09142018.D	205306

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/15/2020 00:04
MTBE	ND	0.050	1	09/15/2020 00:04
Benzene	ND	0.0050	1	09/15/2020 00:04
Toluene	ND	0.0050	1	09/15/2020 00:04
Ethylbenzene	ND	0.0050	1	09/15/2020 00:04
m,p-Xylene	ND	0.010	1	09/15/2020 00:04
o-Xylene	ND	0.0050	1	09/15/2020 00:04
Xylenes	ND	0.0050	1	09/15/2020 00:04

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	84	62-126	09/15/2020 00:04

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@6	2009450-006A	Soil	09/09/2020 12:00	GC19 09142020.D	205306

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/15/2020 01:04
MTBE	ND	0.050	1	09/15/2020 01:04
Benzene	ND	0.0050	1	09/15/2020 01:04
Toluene	ND	0.0050	1	09/15/2020 01:04
Ethylbenzene	ND	0.0050	1	09/15/2020 01:04
m,p-Xylene	ND	0.010	1	09/15/2020 01:04
o-Xylene	ND	0.0050	1	09/15/2020 01:04
Xylenes	ND	0.0050	1	09/15/2020 01:04

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	89	62-126	09/15/2020 01:04

Analyst(s): IA



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:25
Date Prepared: 09/10/2020
Project: 2707; D'Amico

WorkOrder: 2009450
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@2	2009450-001A	Soil	09/09/2020 11:40	ICP-MS4 211SMPL.d	205315

Analytes	Result	RL	DF	Date Analyzed
Arsenic	9.6	0.50	1	09/10/2020 20:46
Cadmium	ND	0.50	1	09/10/2020 20:46
Chromium	62	0.50	1	09/10/2020 20:46
Lead	190	0.50	1	09/10/2020 20:46
Nickel	67	0.50	1	09/10/2020 20:46
Zinc	110	5.0	1	09/10/2020 20:46

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	103	70-130	09/10/2020 20:46

Analyst(s): JAG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@4	2009450-002A	Soil	09/09/2020 11:40	ICP-MS4 260SMPL.d	205315

Analytes	Result	RL	DF	Date Analyzed
Arsenic	6.0	0.50	1	09/10/2020 23:33
Cadmium	ND	0.50	1	09/10/2020 23:33
Chromium	41	0.50	1	09/10/2020 23:33
Lead	6.9	0.50	1	09/10/2020 23:33
Nickel	61	0.50	1	09/10/2020 23:33
Zinc	48	5.0	1	09/10/2020 23:33

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	101	70-130	09/10/2020 23:33

Analyst(s): JAG

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:25
Date Prepared: 09/10/2020
Project: 2707; D'Amico

WorkOrder: 2009450
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@6	2009450-003A	Soil	09/09/2020 11:40	ICP-MS4 261SMPL.d	205315

Analytes	Result	RL	DF	Date Analyzed
Arsenic	11	0.50	1	09/10/2020 23:36
Cadmium	ND	0.50	1	09/10/2020 23:36
Chromium	72	0.50	1	09/10/2020 23:36
Lead	12	0.50	1	09/10/2020 23:36
Nickel	110	0.50	1	09/10/2020 23:36
Zinc	80	5.0	1	09/10/2020 23:36

Surrogates	REC (%)	Limits	
Terbium	96	70-130	09/10/2020 23:36

Analyst(s): JAG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@2	2009450-004A	Soil	09/09/2020 12:00	ICP-MS4 262SMPL.d	205315

Analytes	Result	RL	DF	Date Analyzed
Arsenic	8.6	0.50	1	09/10/2020 23:40
Cadmium	ND	0.50	1	09/10/2020 23:40
Chromium	64	0.50	1	09/10/2020 23:40
Lead	11	0.50	1	09/10/2020 23:40
Nickel	96	0.50	1	09/10/2020 23:40
Zinc	68	5.0	1	09/10/2020 23:40

Surrogates	REC (%)	Limits	
Terbium	95	70-130	09/10/2020 23:40

Analyst(s): JAG



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:25
Date Prepared: 09/10/2020
Project: 2707; D'Amico

WorkOrder: 2009450
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@4	2009450-005A	Soil	09/09/2020 12:00	ICP-MS4 263SMPL.d	205315

Analytes	Result	RL	DF	Date Analyzed
Arsenic	7.3	0.50	1	09/10/2020 23:43
Cadmium	ND	0.50	1	09/10/2020 23:43
Chromium	52	0.50	1	09/10/2020 23:43
Lead	8.2	0.50	1	09/10/2020 23:43
Nickel	74	0.50	1	09/10/2020 23:43
Zinc	56	5.0	1	09/10/2020 23:43

Surrogates	REC (%)	Limits	
Terbium	94	70-130	09/10/2020 23:43

Analyst(s): JAG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@6	2009450-006A	Soil	09/09/2020 12:00	ICP-MS4 264SMPL.d	205315

Analytes	Result	RL	DF	Date Analyzed
Arsenic	8.5	0.50	1	09/10/2020 23:47
Cadmium	ND	0.50	1	09/10/2020 23:47
Chromium	60	0.50	1	09/10/2020 23:47
Lead	9.0	0.50	1	09/10/2020 23:47
Nickel	84	0.50	1	09/10/2020 23:47
Zinc	64	5.0	1	09/10/2020 23:47

Surrogates	REC (%)	Limits	
Terbium	94	70-130	09/10/2020 23:47

Analyst(s): JAG



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:25
Date Prepared: 09/11/2020
Project: 2707; D'Amico

WorkOrder: 2009450
Extraction Method: ASTM D2216
Analytical Method: SW8000
Unit: wet wt%

Percent Moisture

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@2	2009450-001A	Soil	09/09/2020 11:40	WetChem	205384

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
% Moisture	12.7	0.100	1	09/14/2020 09:05

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@4	2009450-002A	Soil	09/09/2020 11:40	WetChem	205384

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
% Moisture	11.5	0.100	1	09/14/2020 09:10

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@6	2009450-003A	Soil	09/09/2020 11:40	WetChem	205384

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
% Moisture	12.0	0.100	1	09/14/2020 09:15

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@2	2009450-004A	Soil	09/09/2020 12:00	WetChem	205384

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
% Moisture	11.2	0.100	1	09/14/2020 09:20

Analyst(s): AL

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:25
Date Prepared: 09/11/2020
Project: 2707; D'Amico

WorkOrder: 2009450
Extraction Method: ASTM D2216
Analytical Method: SW8000
Unit: wet wt%

Percent Moisture

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@4	2009450-005A	Soil	09/09/2020 12:00	WetChem	205384

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
% Moisture	11.9	0.100	1	09/14/2020 09:25

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@6	2009450-006A	Soil	09/09/2020 12:00	WetChem	205384

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
% Moisture	8.98	0.100	1	09/14/2020 09:30

Analyst(s): AL



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:25
Date Prepared: 09/10/2020
Project: 2707; D'Amico

WorkOrder: 2009450
Extraction Method: SW3550B/3630C
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@2	2009450-001A	Soil	09/09/2020 11:40	GC9b 09102027.D	205313

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	09/10/2020 21:30
TPH-Motor Oil (C18-C36)	ND	5.0	1	09/10/2020 21:30

Surrogates	REC (%)	Limits	
C9	83	70-130	09/10/2020 21:30

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@4	2009450-002A	Soil	09/09/2020 11:40	GC9a 09102060.D	205313

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	09/11/2020 07:51
TPH-Motor Oil (C18-C36)	ND	5.0	1	09/11/2020 07:51

Surrogates	REC (%)	Limits	
C9	83	70-130	09/11/2020 07:51

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7b@6	2009450-003A	Soil	09/09/2020 11:40	GC9a 09102056.D	205313

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	09/11/2020 06:34
TPH-Motor Oil (C18-C36)	ND	5.0	1	09/11/2020 06:34

Surrogates	REC (%)	Limits	
C9	83	70-130	09/11/2020 06:34

Analyst(s): JIS

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:25
Date Prepared: 09/10/2020
Project: 2707; D'Amico

WorkOrder: 2009450
Extraction Method: SW3550B/3630C
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@2	2009450-004A	Soil	09/09/2020 12:00	GC9a 09102052.D	205313

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	09/11/2020 05:16
TPH-Motor Oil (C18-C36)	ND	5.0	1	09/11/2020 05:16

Surrogates	REC (%)	Limits	
C9	83	70-130	09/11/2020 05:16

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@4	2009450-005A	Soil	09/09/2020 12:00	GC9a 09102048.D	205313

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	09/11/2020 03:58
TPH-Motor Oil (C18-C36)	ND	5.0	1	09/11/2020 03:58

Surrogates	REC (%)	Limits	
C9	83	70-130	09/11/2020 03:58

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WB7c@6	2009450-006A	Soil	09/09/2020 12:00	GC9b 09102035.D	205313

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	09/11/2020 00:06
TPH-Motor Oil (C18-C36)	ND	5.0	1	09/11/2020 00:06

Surrogates	REC (%)	Limits	
C9	85	70-130	09/11/2020 00:06

Analyst(s): JIS



Quality Control Report

Client: The Denali Group
Date Prepared: 09/10/2020
Date Analyzed: 09/10/2020
Instrument: GC7
Matrix: Soil
Project: 2707; D'Amico

WorkOrder: 2009450
BatchID: 205306
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-205306

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.700	1.00	-	-	-
MTBE	ND	0.00400	0.0500	-	-	-
Benzene	ND	0.00300	0.00500	-	-	-
Toluene	ND	0.00200	0.00500	-	-	-
Ethylbenzene	ND	0.00220	0.00500	-	-	-
m,p-Xylene	ND	0.00300	0.0100	-	-	-
o-Xylene	ND	0.00100	0.00500	-	-	-

Surrogate Recovery

2-Fluorotoluene	0.0919			0.1	92	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.649	0.653	0.60	108	109	82-118	0.590	20
MTBE	0.0972	0.0956	0.10	97	96	61-119	1.68	20
Benzene	0.103	0.102	0.10	103	102	77-128	0.749	20
Toluene	0.105	0.106	0.10	105	106	74-132	0.800	20
Ethylbenzene	0.100	0.102	0.10	100	102	84-127	1.59	20
m,p-Xylene	0.209	0.213	0.20	105	107	80-120	1.99	20
o-Xylene	0.0969	0.0995	0.10	97	99	80-120	2.60	20

Surrogate Recovery

2-Fluorotoluene	0.0921	0.0920	0.10	92	92	75-134	0.0780	20



Quality Control Report

Client: The Denali Group
Date Prepared: 09/10/2020
Date Analyzed: 09/10/2020
Instrument: ICP-MS4
Matrix: Soil
Project: 2707; D'Amico

WorkOrder: 2009450
BatchID: 205315
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg
Sample ID: MB/LCS/LCSD-205315
2009450-001AMS/MSD

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Arsenic	ND	0.150	0.500	-	-	-
Cadmium	ND	0.0610	0.500	-	-	-
Chromium	ND	0.130	0.500	-	-	-
Lead	ND	0.140	0.500	-	-	-
Nickel	ND	0.170	0.500	-	-	-
Zinc	ND	3.00	5.00	-	-	-
Surrogate Recovery						
Terbium	482			500	96	70-130



Quality Control Report

Client: The Denali Group
Date Prepared: 09/10/2020
Date Analyzed: 09/10/2020
Instrument: ICP-MS4
Matrix: Soil
Project: 2707; D'Amico

WorkOrder: 2009450
BatchID: 205315
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg
Sample ID: MB/LCS/LCSD-205315
2009450-001AMS/MSD

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Arsenic	47.4	44.0	50	95	88	75-125	7.49	20
Cadmium	48.5	45.9	50	97	92	75-125	5.53	20
Chromium	50.0	46.7	50	100	93	75-125	6.80	20
Lead	46.2	43.4	50	92	87	75-125	6.22	20
Nickel	49.7	46.7	50	99	93	75-125	6.15	20
Zinc	499	461	500	100	92	75-125	7.94	20

Surrogate Recovery

Terbium	499	458	500	100	92	70-130	8.49	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Arsenic	1	55.6	56.0	50	9.607	92	93	75-125	0.597	20
Cadmium	1	45.8	49.3	50	ND	91	98	75-125	7.45	20
Chromium	1	113	129	50	61.56	102	136,F10	75-125	13.6	20
Lead	1	146	186	50	189.7	0,F10	0,F10	75-125	NA	20
Nickel	1	132	136	50	67.36	129,F10	137,F10	75-125	3.14	20
Zinc	1	589	642	500	110.3	96	106	75-125	8.60	20

Surrogate Recovery

Terbium	1	468	511	500	94	102	70-130	8.61	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Arsenic	9.04	9.607	5.90	-
Cadmium	ND<2.50	ND	-	-
Chromium	63.5	61.56	3.15	20
Lead	179	189.7	5.64	20
Nickel	66.0	67.36	2.02	20
Zinc	113	110.3	2.45	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



Quality Control Report

Client: The Denali Group
Date Prepared: 09/11/2020
Date Analyzed: 09/14/2020
Instrument: WetChem
Matrix: Soil
Project: 2707; D'Amico

WorkOrder: 2009450
BatchID: 205384
Extraction Method: ASTM D2216
Analytical Method: SW8000
Unit: wet wt%
Sample ID: MB-205384

QC Summary Report for Percent Moisture

Analyte	MB Result	MDL	RL			
% Moisture	ND	0.100	0.100	-	-	-



Quality Control Report

Client: The Denali Group
Date Prepared: 09/10/2020
Date Analyzed: 09/10/2020 - 09/11/2020
Instrument: GC9a, GC9b
Matrix: Soil
Project: 2707; D'Amico

WorkOrder: 2009450
BatchID: 205313
Extraction Method: SW3550B/3630C
Analytical Method: SW8015B
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-205313
2009450-001AMS/MSD

QC Report for SW8015B w/ Silica Gel Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.750	1.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.90	5.00	-	-	-

Surrogate Recovery

C9	20.6			25	82	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	41.5	41.5	40	104	104	70-130	0.0373	20

Surrogate Recovery

C9	20.5	20.4	25	82	81	70-130	0.524	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	1	37.9	47.1	40	ND	95	118	70-130	21.6,F1	20

Surrogate Recovery

C9	1	20.9	21.0	25		84	84	70-130	0.605	20

McC Campbell Analytical, Inc.



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

☐ WaterTrax ☐ WriteOn ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2009450

ClientCode: TDGP

☐ Excel ☐ EQuIS ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☐ Dry-Weight

Report to:

Bob Kuykendall
The Denali Group
2255 Morello Ave., Ste. 208
Pleasant Hill, CA 94523
(925) 570-9957 FAX: (925) 687-1258

Email: denaligp@ix.netcom.com
cc/3rd Party:
PO:
Project: 2707; D'Amico

Bill to:

Lorie
The Denali Group
2255 Morello Ave., Ste. 208
Pleasant Hill, CA 94523
denaligp@ix.netcom.com

Requested TAT: 5 days;

Date Received: 09/10/2020

Date Logged: 09/10/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2009450-001	WB7b@2	Soil	9/9/2020 11:40	☐	A	A	A	A	A							
2009450-002	WB7b@4	Soil	9/9/2020 11:40	☐	A	A	A	A	A							
2009450-003	WB7b@6	Soil	9/9/2020 11:40	☐	A	A	A	A	A							
2009450-004	WB7c@2	Soil	9/9/2020 12:00	☐	A	A	A	A	A							
2009450-005	WB7c@4	Soil	9/9/2020 12:00	☐	A	A	A	A	A							
2009450-006	WB7c@6	Soil	9/9/2020 12:00	☐	A	A	A	A	A							

Test Legend:

1	G-MBTX_S
5	TPH(DMO)WSG_S
9	

2	METALSMS_TTLC_S
6	
10	

3	PERmoist_S
7	
11	

4	PRDisposal Fee
8	
12	

Project Manager: Angela Rydelius

Prepared by: Lilly Ortiz

Comments:

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

WORK ORDER SUMMARY

Client Name: THE DENALI GROUP

Project: 2707; D'Amico

Work Order: 2009450

Client Contact: Bob Kuykendall

QC Level: LEVEL 2

Contact's Email: denaligp@ix.netcom.com

Comments

Date Logged: 9/10/2020

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2009450-001A	WB7b@2	Soil	SW8015B (TPH-d,mo w/ S.G. Clean-Up)	1	Acetate Liner	☐	9/9/2020 11:40	5 days		☐	
			SW 8000 (Percent Moisture)			☐		5 days		☐	
			SW6020 (Metals) <Arsenic, Cadmium, Chromium, Lead, Nickel, Zinc>			☐		5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
2009450-002A	WB7b@4	Soil	SW8015B (TPH-d,mo w/ S.G. Clean-Up)	1	Acetate Liner	☐	9/9/2020 11:40	5 days		☐	
			SW 8000 (Percent Moisture)			☐		5 days		☐	
			SW6020 (Metals) <Arsenic, Cadmium, Chromium, Lead, Nickel, Zinc>			☐		5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
2009450-003A	WB7b@6	Soil	SW8015B (TPH-d,mo w/ S.G. Clean-Up)	1	Acetate Liner	☐	9/9/2020 11:40	5 days		☐	
			SW 8000 (Percent Moisture)			☐		5 days		☐	
			SW6020 (Metals) <Arsenic, Cadmium, Chromium, Lead, Nickel, Zinc>			☐		5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
2009450-004A	WB7c@2	Soil	SW8015B (TPH-d,mo w/ S.G. Clean-Up)	1	Acetate Liner	☐	9/9/2020 12:00	5 days		☐	
			SW 8000 (Percent Moisture)			☐		5 days		☐	
			SW6020 (Metals) <Arsenic, Cadmium, Chromium, Lead, Nickel, Zinc>			☐		5 days		☐	

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

WORK ORDER SUMMARY

Client Name: THE DENALI GROUP

Project: 2707; D'Amico

Work Order: 2009450

Client Contact: Bob Kuykendall

QC Level: LEVEL 2

Contact's Email: denaligp@ix.netcom.com

Comments

Date Logged: 9/10/2020

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2009450-004A	WB7c@2	Soil	SW8021B/8015Bm (G/MBTEX)	1	Acetate Liner	☐	9/9/2020 12:00	5 days		☐	
2009450-005A	WB7c@4	Soil	SW8015B (TPH-d,mo w/ S.G. Clean-Up)	1	Acetate Liner	☐	9/9/2020 12:00	5 days		☐	
			SW 8000 (Percent Moisture)			☐		5 days		☐	
			SW6020 (Metals) <Arsenic, Cadmium, Chromium, Lead, Nickel, Zinc>			☐		5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	
2009450-006A	WB7c@6	Soil	SW8015B (TPH-d,mo w/ S.G. Clean-Up)	1	Acetate Liner	☐	9/9/2020 12:00	5 days		☐	
			SW 8000 (Percent Moisture)			☐		5 days		☐	
			SW6020 (Metals) <Arsenic, Cadmium, Chromium, Lead, Nickel, Zinc>			☐		5 days		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		5 days		☐	

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

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

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=ZnOAc/NaOH 7=None



Sample Receipt Checklist

Client Name: **The Denali Group**
Project: **2707; D'Amico**

Date and Time Received: **9/10/2020 10:25**

Date Logged: **9/10/2020**

Received by: **Tina Perez**

Logged by: **Lilly Ortiz**

WorkOrder No: **2009450** Matrix: Soil
Carrier: Client Drop-In

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

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

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 10.6°C	NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐ No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

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

Comments:



MJO Earthscience Services
15466 Los Gatos Blvd, #109-142
Los Gatos, California 95032
Tel: 8316881007
Fax: 8316881079
RE: 1st & 2nd at Virginia St. San Jose

Work Order No.: 2008037

Dear Michael O'Leary:

Torrent Laboratory, Inc. received 4 sample(s) on August 05, 2020 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive, flowing style.

Kathie Evans
Project Manager

August 10, 2020

Date



Date: 8/10/2020

Client: MJO Earthscience Services

Project: 1st & 2nd at Virginia St. San Jose

Work Order: 2008037

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/05/20

Date Reported: 08/10/20

WB1

2008037-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	4.2	120	210	874	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.204	mg/L
o-Xylene	SW8260B	4.2	0.65	2.1	3.4	ug/L
Isopropyl Benzene	SW8260B	4.2	0.91	2.1	3.8	ug/L
n-Propylbenzene	SW8260B	4.2	1.2	2.1	4.1	ug/L
1,3,5-Trimethylbenzene	SW8260B	4.2	1.0	2.1	6.2	ug/L
1,2,4-Trimethylbenzene	SW8260B	4.2	0.97	2.1	15	ug/L
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	4.2	ug/L
p-Isopropyltoluene	SW8260B	4.2	1.1	2.1	3.7	ug/L
Naphthalene	SW8260B	4.2	5.1	8.4	12	ug/L

WB2

2008037-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH(Gasoline)	8260TPH	1	29	50	80.6	ug/L
TPH as Diesel	SW8015B	1	0.037	0.10	0.139	mg/L
Isopropyl Benzene	SW8260B	1	0.22	0.50	0.78	ug/L
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	1.4	ug/L
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	1.6	ug/L

WB6

2008037-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Diesel	SW8015B	1	0.037	0.10	0.132	mg/L
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	0.83	ug/L

WB8

2008037-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>

All compounds were non-detectable for this sample.



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1	Lab Sample ID:	2008037-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 12:56		
SDG:			
Tag Number:	Alley by Wheel Works Off.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/6/20 10:43:00AM
Prep Batch ID: 1124368	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	4.2	1.1	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Chloromethane	SW8260B	4.2	0.70	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Vinyl Chloride	SW8260B	4.2	0.87	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Bromomethane	SW8260B	4.2	0.89	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Chloroethane	SW8260B	4.2	0.48	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Trichlorofluoromethane	SW8260B	4.2	0.78	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,1-Dichloroethene	SW8260B	4.2	0.60	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Freon 113	SW8260B	4.2	1.4	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Methylene Chloride	SW8260B	4.2	0.55	4.2	ND		ug/L	08/06/20	18:48	JZ	449588
trans-1,2-Dichloroethene	SW8260B	4.2	0.68	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
MTBE	SW8260B	4.2	0.32	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
tert-Butanol	SW8260B	4.2	12	21	ND		ug/L	08/06/20	18:48	JZ	449588
DIPE	SW8260B	4.2	0.51	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,1-Dichloroethane	SW8260B	4.2	0.51	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
ETBE	SW8260B	4.2	0.27	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
cis-1,2-Dichloroethene	SW8260B	4.2	0.63	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
2,2-Dichloropropane	SW8260B	4.2	0.39	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Bromochloromethane	SW8260B	4.2	0.63	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Chloroform	SW8260B	4.2	0.51	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Carbon Tetrachloride	SW8260B	4.2	0.66	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,1,1-Trichloroethane	SW8260B	4.2	0.68	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,1-Dichloropropene	SW8260B	4.2	0.78	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Benzene	SW8260B	4.2	0.27	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
TAME	SW8260B	4.2	0.30	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,2-Dichloroethane	SW8260B	4.2	0.46	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Trichloroethylene	SW8260B	4.2	0.61	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Dibromomethane	SW8260B	4.2	0.45	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,2-Dichloropropane	SW8260B	4.2	0.37	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Bromodichloromethane	SW8260B	4.2	0.32	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
cis-1,3-Dichloropropene	SW8260B	4.2	0.33	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Toluene	SW8260B	4.2	0.60	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Tetrachloroethylene	SW8260B	4.2	1.00	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
trans-1,3-Dichloropropene	SW8260B	4.2	0.91	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,1,2-Trichloroethane	SW8260B	4.2	0.32	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Dibromochloromethane	SW8260B	4.2	0.76	2.1	ND		ug/L	08/06/20	18:48	JZ	449588



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1	Lab Sample ID:	2008037-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 12:56		
SDG:			
Tag Number:	Alley by Wheel Works Off.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/6/20 10:43:00AM
Prep Batch ID: 1124368	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	4.2	0.91	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,2-Dibromoethane	SW8260B	4.2	0.33	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Chlorobenzene	SW8260B	4.2	0.68	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Ethylbenzene	SW8260B	4.2	0.82	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,1,1,2-Tetrachloroethane	SW8260B	4.2	0.37	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
m,p-Xylene	SW8260B	4.2	1.7	4.2	ND		ug/L	08/06/20	18:48	JZ	449588
o-Xylene	SW8260B	4.2	0.65	2.1	3.4		ug/L	08/06/20	18:48	JZ	449588
Styrene	SW8260B	4.2	0.46	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Bromoform	SW8260B	4.2	0.32	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
Isopropyl Benzene	SW8260B	4.2	0.91	2.1	3.8		ug/L	08/06/20	18:48	JZ	449588
n-Propylbenzene	SW8260B	4.2	1.2	2.1	4.1		ug/L	08/06/20	18:48	JZ	449588
Bromobenzene	SW8260B	4.2	0.63	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,1,2,2-Tetrachloroethane	SW8260B	4.2	0.33	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
2-Chlorotoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,3,5-Trimethylbenzene	SW8260B	4.2	1.0	2.1	6.2		ug/L	08/06/20	18:48	JZ	449588
1,2,3-Trichloropropane	SW8260B	4.2	0.61	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
4-Chlorotoluene	SW8260B	4.2	0.90	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
tert-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,2,4-Trimethylbenzene	SW8260B	4.2	0.97	2.1	15		ug/L	08/06/20	18:48	JZ	449588
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	4.2		ug/L	08/06/20	18:48	JZ	449588
p-Isopropyltoluene	SW8260B	4.2	1.1	2.1	3.7		ug/L	08/06/20	18:48	JZ	449588
1,3-Dichlorobenzene	SW8260B	4.2	0.70	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,4-Dichlorobenzene	SW8260B	4.2	0.74	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
n-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,2-Dichlorobenzene	SW8260B	4.2	0.67	2.1	ND		ug/L	08/06/20	18:48	JZ	449588
1,2-Dibromo-3-Chloropropane	SW8260B	4.2	3.2	8.4	ND		ug/L	08/06/20	18:48	JZ	449588
Hexachlorobutadiene	SW8260B	4.2	2.6	8.4	ND		ug/L	08/06/20	18:48	JZ	449588
1,2,4-Trichlorobenzene	SW8260B	4.2	3.9	8.4	ND		ug/L	08/06/20	18:48	JZ	449588
Naphthalene	SW8260B	4.2	5.1	8.4	12		ug/L	08/06/20	18:48	JZ	449588
1,2,3-Trichlorobenzene	SW8260B	4.2	5.1	8.4	ND		ug/L	08/06/20	18:48	JZ	449588
(S) Dibromofluoromethane	SW8260B		61.2 - 131		112		%	08/06/20	18:48	JZ	449588
(S) Toluene-d8	SW8260B		75.1 - 127		109		%	08/06/20	18:48	JZ	449588
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		109		%	08/06/20	18:48	JZ	449588

NOTE: Reporting limits were raised due to high level of non-target hydrocarbons.



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1	Lab Sample ID:	2008037-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 12:56		
SDG:			
Tag Number:	Alley by Wheel Works Off.		

Prep Method:	5030GRO	Prep Batch Date/Time:	8/6/20	10:43:00AM
Prep Batch ID:	1124370	Prep Analyst:	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	4.2	120	210	874	x	ug/L	08/06/20	18:48	jz	449588
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		84.2		%	08/06/20	18:48	jz	449588

NOTE: x – Does not match pattern of reference Gasoline standard. Hydrocarbons in the range of C5-C12 quantified as Gasoline.



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB1	Lab Sample ID:	2008037-001B
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 12:56		
SDG:			
Tag Number:	Alley by Wheel Works Off.		

Prep Method:	3510_TPH	Prep Batch Date/Time:	8/7/20 10:08:00AM
Prep Batch ID:	1124295	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	0.204	X	mg/L	08/08/20	16:34	SN	449550
TPH as Motor Oil	SW8015B	1	0.11	0.40	ND		mg/L	08/08/20	16:34	SN	449550
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		80.3		%	08/08/20	16:34	SN	449550

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range slightly lighter than diesel quantified as diesel (possibly weathered type of fuel).



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2	Lab Sample ID:	2008037-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 13:55		
SDG:			
Tag Number:	SE of Wheel Works Office		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/6/20 10:43:00AM
Prep Batch ID: 1124368	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	08/06/20	17:19	JZ	449588
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	08/06/20	17:19	JZ	449588
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
TAME	SW8260B	1	0.072	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	08/06/20	17:19	JZ	449588



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2	Lab Sample ID:	2008037-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 13:55		
SDG:			
Tag Number:	SE of Wheel Works Office		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/6/20 10:43:00AM
Prep Batch ID: 1124368	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	08/06/20	17:19	JZ	449588
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Isopropyl Benzene	SW8260B	1	0.22	0.50	0.78		ug/L	08/06/20	17:19	JZ	449588
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	1.4		ug/L	08/06/20	17:19	JZ	449588
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	1.6		ug/L	08/06/20	17:19	JZ	449588
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	17:19	JZ	449588
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	08/06/20	17:19	JZ	449588
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	08/06/20	17:19	JZ	449588
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	08/06/20	17:19	JZ	449588
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	08/06/20	17:19	JZ	449588
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	08/06/20	17:19	JZ	449588
(S) Dibromofluoromethane	SW8260B		61.2 - 131		113		%	08/06/20	17:19	JZ	449588
(S) Toluene-d8	SW8260B		75.1 - 127		107		%	08/06/20	17:19	JZ	449588
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		104		%	08/06/20	17:19	JZ	449588



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2	Lab Sample ID:	2008037-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 13:55		
SDG:			
Tag Number:	SE of Wheel Works Office		

Prep Method:	5030GRO	Prep Batch Date/Time:	8/6/20	10:43:00AM
Prep Batch ID:	1124370	Prep Analyst:	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	80.6	x	ug/L	08/06/20	17:19	jz	449588
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		85.3		%	08/06/20	17:19	jz	449588

NOTE: x – Does not match pattern of reference Gasoline standard. Hydrocarbons in the range of C5-C12 quantified as Gasoline.



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB2	Lab Sample ID:	2008037-002B
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 13:55		
SDG:			
Tag Number:	SE of Wheel Works Office		

Prep Method:	3510_TPH	Prep Batch Date/Time:	8/7/20 10:08:00AM
Prep Batch ID:	1124295	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	0.139	x	mg/L	08/08/20	16:58	SN	449550
TPH as Motor Oil	SW8015B	1	0.11	0.40	ND		mg/L	08/08/20	16:58	SN	449550
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		81.5		%	08/08/20	16:58	SN	449550

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range quantified as diesel and presence of discrete peaks.



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6	Lab Sample ID:	2008037-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 11:48		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/6/20 10:43:00AM
Prep Batch ID: 1124368	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	08/06/20	17:49	JZ	449588
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	08/06/20	17:49	JZ	449588
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
TAME	SW8260B	1	0.072	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	08/06/20	17:49	JZ	449588



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6	Lab Sample ID:	2008037-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 11:48		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/6/20 10:43:00AM
Prep Batch ID: 1124368	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	08/06/20	17:49	JZ	449588
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	0.83		ug/L	08/06/20	17:49	JZ	449588
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	17:49	JZ	449588
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	08/06/20	17:49	JZ	449588
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	08/06/20	17:49	JZ	449588
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	08/06/20	17:49	JZ	449588
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	08/06/20	17:49	JZ	449588
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	08/06/20	17:49	JZ	449588
(S) Dibromofluoromethane	SW8260B		61.2 - 131		117		%	08/06/20	17:49	JZ	449588
(S) Toluene-d8	SW8260B		75.1 - 127		108		%	08/06/20	17:49	JZ	449588
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		106		%	08/06/20	17:49	JZ	449588



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6	Lab Sample ID:	2008037-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 11:48		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method:	5030GRO	Prep Batch Date/Time:	8/6/20	10:43:00AM
Prep Batch ID:	1124370	Prep Analyst:	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	08/06/20	17:49	jz	449588
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		89.2		%	08/06/20	17:49	jz	449588



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB6	Lab Sample ID:	2008037-003B
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 11:48		
SDG:			
Tag Number:	Wheel Works Parking Area		

Prep Method:	3510_TPH	Prep Batch Date/Time:	8/7/20 10:08:00AM
Prep Batch ID:	1124295	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	0.132	x	mg/L	08/08/20	17:22	SN	449550
TPH as Motor Oil	SW8015B	1	0.11	0.40	ND		mg/L	08/08/20	17:22	SN	449550
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		80.0		%	08/08/20	17:22	SN	449550

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range quantified as diesel and presence of discrete peaks.



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8	Lab Sample ID:	2008037-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 12:15		
SDG:			
Tag Number:	807 S.2nd St.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/6/20 10:43:00AM
Prep Batch ID: 1124368	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	08/06/20	18:18	JZ	449588
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	08/06/20	18:18	JZ	449588
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
TAME	SW8260B	1	0.072	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	08/06/20	18:18	JZ	449588



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8	Lab Sample ID:	2008037-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 12:15		
SDG:			
Tag Number:	807 S.2nd St.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/6/20 10:43:00AM
Prep Batch ID: 1124368	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	08/06/20	18:18	JZ	449588
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	08/06/20	18:18	JZ	449588
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	08/06/20	18:18	JZ	449588
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	08/06/20	18:18	JZ	449588
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	08/06/20	18:18	JZ	449588
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	08/06/20	18:18	JZ	449588
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	08/06/20	18:18	JZ	449588
(S) Dibromofluoromethane	SW8260B		61.2 - 131		118		%	08/06/20	18:18	JZ	449588
(S) Toluene-d8	SW8260B		75.1 - 127		105		%	08/06/20	18:18	JZ	449588
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		100		%	08/06/20	18:18	JZ	449588



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8	Lab Sample ID:	2008037-004A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 12:15		
SDG:			
Tag Number:	807 S.2nd St.		

Prep Method:	5030GRO	Prep Batch Date/Time:	8/6/20	10:43:00AM
Prep Batch ID:	1124370	Prep Analyst:	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	08/06/20	18:18	jz	449588
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		86.6		%	08/06/20	18:18	jz	449588



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/05/20, 2:25 pm
Date Reported: 08/10/20

Client Sample ID:	WB8	Lab Sample ID:	2008037-004B
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/05/20 / 12:15		
SDG:			
Tag Number:	807 S.2nd St.		

Prep Method:	3510_TPH	Prep Batch Date/Time:	8/7/20 10:08:00AM
Prep Batch ID:	1124295	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	ND		mg/L	08/08/20	17:46		449550
TPH as Motor Oil	SW8015B	1	0.11	0.40	ND		mg/L	08/08/20	17:46		449550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		63.5		%	08/08/20	17:46		449550



MB Summary Report

Work Order:	2008037	Prep Method:	3510_TPH	Prep Date:	08/07/20	Prep Batch:	1124295
Matrix:	Water	Analytical Method:	SW8015B	Analyzed Date:	8/8/2020	Analytical Batch:	449550
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel	0.037	0.10	0.0911		
TPH as Motor Oil	0.11	0.40	0.153		
Pentacosane (S)			89.0		

Work Order:	2008037	Prep Method:	5030VOC	Prep Date:	08/06/20	Prep Batch:	1124368
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/6/2020	Analytical Batch:	449588
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	0.26	0.50	ND		
Chloromethane	0.17	0.50	ND		
Vinyl Chloride	0.21	0.50	ND		
Bromomethane	0.21	0.50	ND		
Chloroethane	0.11	0.50	ND		
Trichlorofluoromethane	0.19	0.50	ND		
1,1-Dichloroethene	0.14	0.50	ND		
Freon 113	0.34	0.50	ND		
Methylene Chloride	0.13	1.0	ND		
trans-1,2-Dichloroethene	0.16	0.50	ND		
MTBE	0.077	0.50	ND		
tert-Butanol	2.9	5.0	ND		
DIPE	0.12	0.50	ND		
1,1-Dichloroethane	0.12	0.50	ND		
ETBE	0.064	0.50	ND		
cis-1,2-Dichloroethene	0.15	0.50	ND		
2,2-Dichloropropane	0.094	0.50	ND		
Bromochloromethane	0.15	0.50	ND		
Chloroform	0.12	0.50	ND		
Carbon Tetrachloride	0.16	0.50	ND		
1,1,1-Trichloroethane	0.16	0.50	ND		
1,1-Dichloropropene	0.19	0.50	ND		
Benzene	0.065	0.50	ND		
TAME	0.072	0.50	ND		
1,2-Dichloroethane	0.11	0.50	ND		
Trichloroethylene	0.15	0.50	ND		
Dibromomethane	0.11	0.50	ND		
1,2-Dichloropropane	0.089	0.50	ND		
Bromodichloromethane	0.076	0.50	ND		
cis-1,3-Dichloropropene	0.078	0.50	ND		



MB Summary Report

Work Order:	2008037	Prep Method:	5030VOC	Prep Date:	08/06/20	Prep Batch:	1124368
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/6/2020	Analytical Batch:	449588
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
trans-1,3-Dichloropropene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.076	0.50	ND	
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethylbenzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			118	
(S) Toluene-d8			112	
(S) 4-Bromofluorobenzene			111	



MB Summary Report

Work Order:	2008037	Prep Method:	5030GRO	Prep Date:	08/06/20	Prep Batch:	1124370
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/6/2020	Analytical Batch:	449588
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	29	50	ND		
(S) 4-Bromofluorobenzene			80.1		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008037	Prep Method:	3510_TPH	Prep Date:	08/07/20	Prep Batch:	1124295
Matrix:	Water	Analytical Method:	SW8015B	Analyzed Date:	8/8/2020	Analytical Batch:	449550
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.037	0.10	0.0911	1.0	87.8	90.7	3.25	52 - 115	30	
Pentacosane (S)				200	83.6	79.7		59 - 129		

Work Order:	2008037	Prep Method:	5030VOC	Prep Date:	08/06/20	Prep Batch:	1124368
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/6/2020	Analytical Batch:	449588
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	110	102	7.37	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	118	106	10.5	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	108	101	6.42	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	119	106	11.4	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	113	102	9.38	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	116	106		61.2 - 131		
(S) Toluene-d8				17.9	115	108		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	115	105		64.1 - 120		

Work Order:	2008037	Prep Method:	5030GRO	Prep Date:	08/06/20	Prep Batch:	1124370
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/6/2020	Analytical Batch:	449588
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	29	50	ND	238	93.3	82.4	12.4	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	98.6	89.8		41.5 - 125		



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg/m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm ² surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H - Indicates that the recommended holding time for the analyte or compound has been exceeded
J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S - Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.



Sample Receipt Checklist

Client Name: MJO Earthscience Services

Date and Time Received: 8/5/2020 2:25:00PM

Project Name: 1st & 2nd at Virginia St. San Jose

Received By: Lorna Imbat

Work Order No.: 2008037

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	<u>Yes</u>
Chain of custody signed when relinquished and received?	<u>Yes</u>
Chain of custody agrees with sample labels?	<u>Yes</u>
Custody seals intact on sample bottles?	<u>Not Present</u>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	<u>Not Present</u>
Shipping Container/Cooler In Good Condition?	<u>Yes</u>
Samples in proper container/bottle?	<u>Yes</u>
Samples containers intact?	<u>Yes</u>
Sufficient sample volume for indicated test?	<u>Yes</u>

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	<u>Yes</u>	
Container/Temp Blank temperature in compliance?		Temperature: 9.0 °C
Water-VOA vials have zero headspace?	<u>Yes</u>	
Water-pH acceptable upon receipt?	<u>N/A</u>	
pH Checked by: N/A	pH Adjusted by: N/A	

Comments:

Samples transported on ice



Login Summary Report

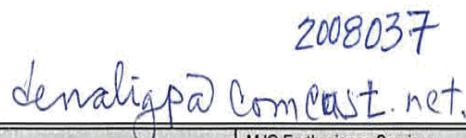
Client ID: TL5200 MJO Earthscience Services
Project Name: 1st & 2nd at Virginia St. San Jose
Project # : OL072-6.3
Report Due Date: 8/10/2020

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 8/5/2020
Time Received: 2:25 pm

Comments:

Work Order # : 2008037

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2008037-001A	WB1	08/05/20 12:56	Water	09/19/20			VOC_W_8260B VOC_W_GRO	
2008037-001B	WB1	08/05/20 12:56	Water	09/19/20			TPHDO_W_8015B(M)	
2008037-002A	WB2	08/05/20 13:55	Water	09/19/20			VOC_W_8260B VOC_W_GRO	
2008037-002B	WB2	08/05/20 13:55	Water	09/19/20			TPHDO_W_8015B(M)	
2008037-003A	WB6	08/05/20 11:48	Water	09/19/20			VOC_W_8260B VOC_W_GRO	
2008037-003B	WB6	08/05/20 11:48	Water	09/19/20			TPHDO_W_8015B(M)	
2008037-004A	WB8	08/05/20 12:15	Water	09/19/20			VOC_W_8260B VOC_W_GRO	
2008037-004B	WB8	08/05/20 12:15	Water	09/19/20			TPHDO_W_8015B(M)	



D/O temp 8-9 #2



MJO Earthscience Services
15466 Los Gatos Blvd, #109-142
Los Gatos, California 95032
Tel: 8316881007
Fax: 8316881079
RE: 1st & 2nd at Virginia St. San Jose

Work Order No.: 2008076

Dear Michael O'Leary:

Torrent Laboratory, Inc. received 3 sample(s) on August 07, 2020 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive, flowing style.

Kathie Evans
Project Manager

August 10, 2020

Date



Date: 8/10/2020

Client: MJO Earthscience Services

Project: 1st & 2nd at Virginia St. San Jose

Work Order: 2008076

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/07/20

Date Reported: 08/10/20

WB3

2008076-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Tetrachloroethylene	SW8260B	1	0.24	0.50	4.0	ug/L
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	1.3	ug/L
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	0.83	ug/L

WB5

2008076-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Styrene	SW8260B	1.5	0.16	0.75	1.3	ug/L

WB7

2008076-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>

All compounds were non-detectable for this sample.



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB3	Lab Sample ID:	2008076-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 8:45		
SDG:			
Tag Number:	Center 838 S.1st.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/7/20 10:42:00AM
Prep Batch ID: 1124378	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	08/07/20	20:16	JZ	449598
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	08/07/20	20:16	JZ	449598
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
TAME	SW8260B	1	0.072	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Tetrachloroethylene	SW8260B	1	0.24	0.50	4.0		ug/L	08/07/20	20:16	JZ	449598
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	08/07/20	20:16	JZ	449598



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB3	Lab Sample ID:	2008076-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 8:45		
SDG:			
Tag Number:	Center 838 S.1st.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/7/20 10:42:00AM
Prep Batch ID: 1124378	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	08/07/20	20:16	JZ	449598
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	1.3		ug/L	08/07/20	20:16	JZ	449598
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	0.83		ug/L	08/07/20	20:16	JZ	449598
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	08/07/20	20:16	JZ	449598
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	08/07/20	20:16	JZ	449598
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	08/07/20	20:16	JZ	449598
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	08/07/20	20:16	JZ	449598
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	08/07/20	20:16	JZ	449598
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	08/07/20	20:16	JZ	449598
(S) Dibromofluoromethane	SW8260B		61.2 - 131		121		%	08/07/20	20:16	JZ	449598
(S) Toluene-d8	SW8260B		75.1 - 127		107		%	08/07/20	20:16	JZ	449598
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		105		%	08/07/20	20:16	JZ	449598



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB3	Lab Sample ID:	2008076-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 8:45		
SDG:			
Tag Number:	Center 838 S.1st.		

Prep Method:	5030GRO	Prep Batch Date/Time:	8/7/20	10:42:00AM
Prep Batch ID:	1124380	Prep Analyst:	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	08/07/20	20:16	JZ	449598
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		62.6		%	08/07/20	20:16	JZ	449598



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB3	Lab Sample ID:	2008076-001B
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 8:45		
SDG:			
Tag Number:	Center 838 S.1st.		

Prep Method:	3510_TPH	Prep Batch Date/Time:	8/7/20 10:08:00AM
Prep Batch ID:	1124295	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	ND		mg/L	08/08/20	18:57	SN	449550
TPH as Motor Oil	SW8015B	1	0.11	0.40	ND		mg/L	08/08/20	18:57	SN	449550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		74.7		%	08/08/20	18:57	SN	449550



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB5	Lab Sample ID:	2008076-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 10:45		
SDG:			
Tag Number:	P/L 831 & 833 at S. 2nd St.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/7/20 10:42:00AM
Prep Batch ID: 1124378	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch

The results shown below are reported using their MDL.

Dichlorodifluoromethane	SW8260B	1.5	0.39	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Chloromethane	SW8260B	1.5	0.25	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Vinyl Chloride	SW8260B	1.5	0.31	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Bromomethane	SW8260B	1.5	0.32	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Chloroethane	SW8260B	1.5	0.17	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Trichlorofluoromethane	SW8260B	1.5	0.28	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,1-Dichloroethene	SW8260B	1.5	0.21	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Freon 113	SW8260B	1.5	0.51	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Methylene Chloride	SW8260B	1.5	0.20	1.5	ND		ug/L	08/07/20	20:45	JZ	449598
trans-1,2-Dichloroethene	SW8260B	1.5	0.24	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
MTBE	SW8260B	1.5	0.12	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
tert-Butanol	SW8260B	1.5	4.4	7.5	ND		ug/L	08/07/20	20:45	JZ	449598
DIPE	SW8260B	1.5	0.18	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,1-Dichloroethane	SW8260B	1.5	0.18	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
ETBE	SW8260B	1.5	0.096	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
cis-1,2-Dichloroethene	SW8260B	1.5	0.23	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
2,2-Dichloropropane	SW8260B	1.5	0.14	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Bromochloromethane	SW8260B	1.5	0.22	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Chloroform	SW8260B	1.5	0.18	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Carbon Tetrachloride	SW8260B	1.5	0.24	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,1,1-Trichloroethane	SW8260B	1.5	0.24	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,1-Dichloropropene	SW8260B	1.5	0.28	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Benzene	SW8260B	1.5	0.098	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
TAME	SW8260B	1.5	0.11	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,2-Dichloroethane	SW8260B	1.5	0.16	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Trichloroethylene	SW8260B	1.5	0.22	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Dibromomethane	SW8260B	1.5	0.16	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,2-Dichloropropane	SW8260B	1.5	0.13	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Bromodichloromethane	SW8260B	1.5	0.11	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
cis-1,3-Dichloropropene	SW8260B	1.5	0.12	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Toluene	SW8260B	1.5	0.22	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Tetrachloroethylene	SW8260B	1.5	0.36	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
trans-1,3-Dichloropropene	SW8260B	1.5	0.32	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,1,2-Trichloroethane	SW8260B	1.5	0.11	0.75	ND		ug/L	08/07/20	20:45	JZ	449598



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB5	Lab Sample ID:	2008076-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 10:45		
SDG:			
Tag Number:	P/L 831 & 833 at S. 2nd St.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/7/20 10:42:00AM
Prep Batch ID: 1124378	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch

The results shown below are reported using their MDL.

Dibromochloromethane	SW8260B	1.5	0.27	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,3-Dichloropropane	SW8260B	1.5	0.32	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,2-Dibromoethane	SW8260B	1.5	0.12	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Chlorobenzene	SW8260B	1.5	0.24	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Ethylbenzene	SW8260B	1.5	0.29	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,1,1,2-Tetrachloroethane	SW8260B	1.5	0.13	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
m,p-Xylene	SW8260B	1.5	0.59	1.5	ND		ug/L	08/07/20	20:45	JZ	449598
o-Xylene	SW8260B	1.5	0.23	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Styrene	SW8260B	1.5	0.16	0.75	1.3		ug/L	08/07/20	20:45	JZ	449598
Bromoform	SW8260B	1.5	0.11	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Isopropyl Benzene	SW8260B	1.5	0.33	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
n-Propylbenzene	SW8260B	1.5	0.44	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
Bromobenzene	SW8260B	1.5	0.22	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,1,2,2-Tetrachloroethane	SW8260B	1.5	0.12	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
2-Chlorotoluene	SW8260B	1.5	0.38	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,3,5-Trimethylbenzene	SW8260B	1.5	0.36	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,2,3-Trichloropropane	SW8260B	1.5	0.22	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
4-Chlorotoluene	SW8260B	1.5	0.32	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
tert-Butylbenzene	SW8260B	1.5	0.40	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,2,4-Trimethylbenzene	SW8260B	1.5	0.35	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
sec-Butyl Benzene	SW8260B	1.5	0.44	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
p-Isopropyltoluene	SW8260B	1.5	0.40	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,3-Dichlorobenzene	SW8260B	1.5	0.25	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,4-Dichlorobenzene	SW8260B	1.5	0.26	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
n-Butylbenzene	SW8260B	1.5	0.41	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,2-Dichlorobenzene	SW8260B	1.5	0.24	0.75	ND		ug/L	08/07/20	20:45	JZ	449598
1,2-Dibromo-3-Chloropropane	SW8260B	1.5	1.1	3.0	ND		ug/L	08/07/20	20:45	JZ	449598
Hexachlorobutadiene	SW8260B	1.5	0.93	3.0	ND		ug/L	08/07/20	20:45	JZ	449598
1,2,4-Trichlorobenzene	SW8260B	1.5	1.4	3.0	ND		ug/L	08/07/20	20:45	JZ	449598
Naphthalene	SW8260B	1.5	1.8	3.0	ND		ug/L	08/07/20	20:45	JZ	449598
1,2,3-Trichlorobenzene	SW8260B	1.5	1.8	3.0	ND		ug/L	08/07/20	20:45	JZ	449598
(S) Dibromofluoromethane	SW8260B		61.2 - 131		120		%	08/07/20	20:45	JZ	449598
(S) Toluene-d8	SW8260B		75.1 - 127		109		%	08/07/20	20:45	JZ	449598
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		112		%	08/07/20	20:45	JZ	449598



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB5	Lab Sample ID:	2008076-002A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 10:45		
SDG:			
Tag Number:	P/L 831 & 833 at S. 2nd St.		

NOTE: Reporting limit raised due to sediment in all VOAS.

Prep Method:	5030GRO	Prep Batch Date/Time:	8/7/20	10:42:00AM
Prep Batch ID:	1124380	Prep Analyst:	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch

The results shown below are reported using their MDL.

TPH(Gasoline)	8260TPH	1.5	44	75	ND		ug/L	08/07/20	20:45	JZ	449598
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		71.2		%	08/07/20	20:45	JZ	449598

NOTE: Reporting limit raised due to sediment in all VOAS.



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB5	Lab Sample ID:	2008076-002B
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 10:45		
SDG:			
Tag Number:	P/L 831 & 833 at S. 2nd St.		

Prep Method:	3510_TPH	Prep Batch Date/Time:	8/7/20 10:08:00AM
Prep Batch ID:	1124295	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.093	0.25	ND		mg/L	08/08/20	19:21	SN	449550
TPH as Motor Oil	SW8015B	1	0.28	1.0	ND		mg/L	08/08/20	19:21	SN	449550
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		86.8		%	08/08/20	19:21	SN	449550

NOTE: Reporting limits increased due to limited sample available for extraction



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB7	Lab Sample ID:	2008076-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 9:45		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/7/20 10:42:00AM
Prep Batch ID: 1124378	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1.08	0.28	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Chloromethane	SW8260B	1.08	0.18	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Vinyl Chloride	SW8260B	1.08	0.22	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Bromomethane	SW8260B	1.08	0.23	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Chloroethane	SW8260B	1.08	0.12	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Trichlorofluoromethane	SW8260B	1.08	0.20	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,1-Dichloroethene	SW8260B	1.08	0.15	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Freon 113	SW8260B	1.08	0.37	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Methylene Chloride	SW8260B	1.08	0.14	1.1	ND		ug/L	08/07/20	21:14	JZ	449598
trans-1,2-Dichloroethene	SW8260B	1.08	0.18	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
MTBE	SW8260B	1.08	0.083	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
tert-Butanol	SW8260B	1.08	3.2	5.4	ND		ug/L	08/07/20	21:14	JZ	449598
DIPE	SW8260B	1.08	0.13	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,1-Dichloroethane	SW8260B	1.08	0.13	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
ETBE	SW8260B	1.08	0.069	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
cis-1,2-Dichloroethene	SW8260B	1.08	0.16	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
2,2-Dichloropropane	SW8260B	1.08	0.10	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Bromochloromethane	SW8260B	1.08	0.16	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Chloroform	SW8260B	1.08	0.13	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Carbon Tetrachloride	SW8260B	1.08	0.17	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,1,1-Trichloroethane	SW8260B	1.08	0.18	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,1-Dichloropropene	SW8260B	1.08	0.20	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Benzene	SW8260B	1.08	0.070	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
TAME	SW8260B	1.08	0.078	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,2-Dichloroethane	SW8260B	1.08	0.12	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Trichloroethylene	SW8260B	1.08	0.16	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Dibromomethane	SW8260B	1.08	0.12	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,2-Dichloropropane	SW8260B	1.08	0.096	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Bromodichloromethane	SW8260B	1.08	0.082	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
cis-1,3-Dichloropropene	SW8260B	1.08	0.084	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Toluene	SW8260B	1.08	0.16	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Tetrachloroethylene	SW8260B	1.08	0.26	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
trans-1,3-Dichloropropene	SW8260B	1.08	0.23	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,1,2-Trichloroethane	SW8260B	1.08	0.082	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Dibromochloromethane	SW8260B	1.08	0.19	0.54	ND		ug/L	08/07/20	21:14	JZ	449598



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB7	Lab Sample ID:	2008076-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 9:45		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/7/20 10:42:00AM
Prep Batch ID: 1124378	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1.08	0.23	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,2-Dibromoethane	SW8260B	1.08	0.085	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Chlorobenzene	SW8260B	1.08	0.18	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Ethylbenzene	SW8260B	1.08	0.21	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,1,1,2-Tetrachloroethane	SW8260B	1.08	0.094	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
m,p-Xylene	SW8260B	1.08	0.43	1.1	ND		ug/L	08/07/20	21:14	JZ	449598
o-Xylene	SW8260B	1.08	0.17	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Styrene	SW8260B	1.08	0.12	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Bromoform	SW8260B	1.08	0.082	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Isopropyl Benzene	SW8260B	1.08	0.23	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
n-Propylbenzene	SW8260B	1.08	0.32	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
Bromobenzene	SW8260B	1.08	0.16	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,1,2,2-Tetrachloroethane	SW8260B	1.08	0.085	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
2-Chlorotoluene	SW8260B	1.08	0.27	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,3,5-Trimethylbenzene	SW8260B	1.08	0.26	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,2,3-Trichloropropane	SW8260B	1.08	0.16	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
4-Chlorotoluene	SW8260B	1.08	0.23	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
tert-Butylbenzene	SW8260B	1.08	0.29	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,2,4-Trimethylbenzene	SW8260B	1.08	0.25	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
sec-Butyl Benzene	SW8260B	1.08	0.32	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
p-Isopropyltoluene	SW8260B	1.08	0.29	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,3-Dichlorobenzene	SW8260B	1.08	0.18	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,4-Dichlorobenzene	SW8260B	1.08	0.19	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
n-Butylbenzene	SW8260B	1.08	0.29	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,2-Dichlorobenzene	SW8260B	1.08	0.17	0.54	ND		ug/L	08/07/20	21:14	JZ	449598
1,2-Dibromo-3-Chloropropane	SW8260B	1.08	0.82	2.2	ND		ug/L	08/07/20	21:14	JZ	449598
Hexachlorobutadiene	SW8260B	1.08	0.67	2.2	ND		ug/L	08/07/20	21:14	JZ	449598
1,2,4-Trichlorobenzene	SW8260B	1.08	1.0	2.2	ND		ug/L	08/07/20	21:14	JZ	449598
Naphthalene	SW8260B	1.08	1.3	2.2	ND		ug/L	08/07/20	21:14	JZ	449598
1,2,3-Trichlorobenzene	SW8260B	1.08	1.3	2.2	ND		ug/L	08/07/20	21:14	JZ	449598
(S) Dibromofluoromethane	SW8260B		61.2 - 131		124		%	08/07/20	21:14	JZ	449598
(S) Toluene-d8	SW8260B		75.1 - 127		108		%	08/07/20	21:14	JZ	449598
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		110		%	08/07/20	21:14	JZ	449598

NOTE: Reporting limit raised due to sediment in all VOAS.



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB7	Lab Sample ID:	2008076-003A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 9:45		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	5030GRO	Prep Batch Date/Time:	8/7/20	10:42:00AM
Prep Batch ID:	1124380	Prep Analyst:	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1.08	32	54	ND		ug/L	08/07/20	21:14	JZ	449598
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		74.0		%	08/07/20	21:14	JZ	449598

NOTE: Reporting limit raised due to sediment in all VOAS.



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/07/20, 11:35 am
Date Reported: 08/10/20

Client Sample ID:	WB7	Lab Sample ID:	2008076-003B
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/07/20 / 9:45		
SDG:			
Tag Number:	831 S. 2nd St.		

Prep Method:	3510_TPH	Prep Batch Date/Time:	8/7/20 10:08:00AM
Prep Batch ID:	1124295	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	ND		mg/L	08/08/20	19:44	SN	449550
TPH as Motor Oil	SW8015B	1	0.11	0.40	ND		mg/L	08/08/20	19:44	SN	449550
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		81.3		%	08/08/20	19:44	SN	449550



MB Summary Report

Work Order:	2008076	Prep Method:	3510_TPH	Prep Date:	08/07/20	Prep Batch:	1124295
Matrix:	Water	Analytical Method:	SW8015B	Analyzed Date:	8/8/2020	Analytical Batch:	449550
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.037	0.10	0.0911	
TPH as Motor Oil	0.11	0.40	0.153	
Pentacosane (S)			89.0	

Work Order:	2008076	Prep Method:	5030VOC	Prep Date:	08/07/20	Prep Batch:	1124378
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449598
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.26	0.50	ND	
Chloromethane	0.17	0.50	ND	
Vinyl Chloride	0.21	0.50	ND	
Bromomethane	0.21	0.50	ND	
Chloroethane	0.11	0.50	ND	
Trichlorofluoromethane	0.19	0.50	ND	
1,1-Dichloroethene	0.14	0.50	ND	
Freon 113	0.34	0.50	ND	
Methylene Chloride	0.13	1.0	ND	
trans-1,2-Dichloroethene	0.16	0.50	ND	
MTBE	0.077	0.50	ND	
tert-Butanol	2.9	5.0	ND	
DIPE	0.12	0.50	ND	
1,1-Dichloroethane	0.12	0.50	ND	
ETBE	0.064	0.50	ND	
cis-1,2-Dichloroethene	0.15	0.50	ND	
2,2-Dichloropropane	0.094	0.50	ND	
Bromochloromethane	0.15	0.50	ND	
Chloroform	0.12	0.50	ND	
Carbon Tetrachloride	0.16	0.50	ND	
1,1,1-Trichloroethane	0.16	0.50	ND	
1,1-Dichloropropene	0.19	0.50	ND	
Benzene	0.065	0.50	ND	
TAME	0.072	0.50	ND	
1,2-Dichloroethane	0.11	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
Dibromomethane	0.11	0.50	ND	
1,2-Dichloropropane	0.089	0.50	ND	
Bromodichloromethane	0.076	0.50	ND	
cis-1,3-Dichloropropene	0.078	0.50	ND	



MB Summary Report

Work Order:	2008076	Prep Method:	5030VOC	Prep Date:	08/07/20	Prep Batch:	1124378
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449598
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
trans-1,3-Dichloropropene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.076	0.50	ND	
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethylbenzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			116	
(S) Toluene-d8			105	
(S) 4-Bromofluorobenzene			107	



MB Summary Report

Work Order:	2008076	Prep Method:	5030GRO	Prep Date:	08/07/20	Prep Batch:	1124380
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449598
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	29	50	ND		
(S) 4-Bromofluorobenzene			75.1		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008076	Prep Method:	3510_TPH	Prep Date:	08/07/20	Prep Batch:	1124295
Matrix:	Water	Analytical Method:	SW8015B	Analyzed Date:	8/8/2020	Analytical Batch:	449550
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.037	0.10	0.0911	1.0	87.8	90.7	3.25	52 - 115	30	
Pentacosane (S)				200	83.6	79.7		59 - 129		

Work Order:	2008076	Prep Method:	5030VOC	Prep Date:	08/07/20	Prep Batch:	1124378
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449598
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50		17.9	99.5	97.7		61.4 - 129	30	
Benzene	0.16	0.50		17.9	106	109		66.9 - 140	30	
Trichloroethylene	0.15	0.50		17.9	107	102		69.3 - 144	30	
Toluene	0.14	0.50		17.9	110	107		76.6 - 123	30	
Chlorobenzene	0.16	0.50		17.9	108	104		73.9 - 137	30	
(S) Dibromofluoromethane				17.9	104	106		61.2 - 131		
(S) Toluene-d8				17.9	105	104		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	104	103		64.1 - 120		

Work Order:	2008076	Prep Method:	5030GRO	Prep Date:	08/07/20	Prep Batch:	1124380
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/10/2020	Analytical Batch:	449598
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	29	50	ND	238	85.0	90.4	6.24	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	88.7	90.1		41.5 - 125		



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg/m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm ² surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H - Indicates that the recommended holding time for the analyte or compound has been exceeded
J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S - Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.



Sample Receipt Checklist

Client Name: MJO Earthscience Services

Date and Time Received: 8/7/2020 11:35:00AM

Project Name: 1st & 2nd at Virginia St. San Jose

Received By: Helena Ueng

Work Order No.: 2008076

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	<u>Yes</u>
Chain of custody signed when relinquished and received?	<u>Yes</u>
Chain of custody agrees with sample labels?	<u>Yes</u>
Custody seals intact on sample bottles?	<u>Not Present</u>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	<u>Not Present</u>
Shipping Container/Cooler In Good Condition?	<u>Yes</u>
Samples in proper container/bottle?	<u>Yes</u>
Samples containers intact?	<u>Yes</u>
Sufficient sample volume for indicated test?	<u>Yes</u>

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	<u>Yes</u>	
Container/Temp Blank temperature in compliance?		Temperature: 9.0 °C
Water-VOA vials have zero headspace?	<u>Yes</u>	
Water-pH acceptable upon receipt?	<u>N/A</u>	
pH Checked by: N/A	pH Adjusted by: N/A	

Comments:

Samples transported on ice



Login Summary Report

Client ID: TL5200 MJO Earthscience Services

QC Level: II

Project Name: 1st & 2nd at Virginia St. San Jose

TAT Requested: 1 Day Rush:1

Project # : OL072-6.3

Date Received: 8/7/2020

Report Due Date: 8/10/2020

Time Received: 11:35 am

Comments:

Work Order # : 2008076

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2008076-001A	WB3	08/07/20 8:45	Water	09/21/20			VOC_W_8260B VOC_W_8260B VOC_W_GRO	
2008076-001B	WB3	08/07/20 8:45	Water	09/21/20			TPHDO_W_8015B(M)	
2008076-002A	WB5	08/07/20 10:45	Water	09/21/20			VOC_W_8260B VOC_W_8260B VOC_W_GRO	
2008076-002B	WB5	08/07/20 10:45	Water	09/21/20			TPHDO_W_8015B(M)	
2008076-003A	WB7	08/07/20 9:45	Water	09/21/20			VOC_W_8260B VOC_W_GRO VOC_W_8260B	
2008076-003B	WB7	08/07/20 9:45	Water	09/21/20			TPHDO_W_8015B(M)	



D/O Temp = 9°C #2



MJO Earthscience Services
15466 Los Gatos Blvd, #109-142
Los Gatos, California 95032
Tel: 8316881007
Fax: 8316881079
RE: 1st & 2nd at Virginia St. San Jose

Work Order No.: 2008058

Dear Michael O'Leary:

Torrent Laboratory, Inc. received 1 sample(s) on August 06, 2020 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive, flowing style.

Kathie Evans
Project Manager

August 12, 2020

Date



Date: 8/12/2020

Client: MJO Earthscience Services

Project: 1st & 2nd at Virginia St. San Jose

Work Order: 2008058

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.

Due to a spiking error, there is no LCSD data for method 8015B.



Sample Result Summary

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date Received: 08/06/20

Date Reported: 08/12/20

WB4

2008058-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Diesel	SW8015B	1	0.039	0.11	0.116	mg/L



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/12/20

Client Sample ID:	WB4	Lab Sample ID:	2008058-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/06/20 / 11:55		
SDG:			
Tag Number:	833 S.2nd St.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/7/20 10:42:00AM
Prep Batch ID: 1124378	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	08/07/20	19:46	JZ	449598
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	08/07/20	19:46	JZ	449598
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
TAME	SW8260B	1	0.072	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	08/07/20	19:46	JZ	449598



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/12/20

Client Sample ID:	WB4	Lab Sample ID:	2008058-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/06/20 / 11:55		
SDG:			
Tag Number:	833 S.2nd St.		

Prep Method: 5030VOC	Prep Batch Date/Time: 8/7/20 10:42:00AM
Prep Batch ID: 1124378	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	08/07/20	19:46	JZ	449598
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	08/07/20	19:46	JZ	449598
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	08/07/20	19:46	JZ	449598
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	08/07/20	19:46	JZ	449598
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	08/07/20	19:46	JZ	449598
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	08/07/20	19:46	JZ	449598
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	08/07/20	19:46	JZ	449598
(S) Dibromofluoromethane	SW8260B		61.2 - 131		119		%	08/07/20	19:46	JZ	449598
(S) Toluene-d8	SW8260B		75.1 - 127		109		%	08/07/20	19:46	JZ	449598
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		110		%	08/07/20	19:46	JZ	449598



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/12/20

Client Sample ID:	WB4	Lab Sample ID:	2008058-001A
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/06/20 / 11:55		
SDG:			
Tag Number:	833 S.2nd St.		

Prep Method: 5030GRO	Prep Batch Date/Time: 8/7/20 10:42:00AM
Prep Batch ID: 1124380	Prep Analyst: JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	29	50	ND		ug/L	08/07/20	19:46	JZ	449598
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		86.3		%	08/07/20	19:46	JZ	449598



SAMPLE RESULTS

Report prepared for: Michael O'Leary
MJO Earthscience Services

Date/Time Received: 08/06/20, 3:30 pm
Date Reported: 08/12/20

Client Sample ID:	WB4	Lab Sample ID:	2008058-001B
Project Name/Location:	1st & 2nd at Virginia St. San Jose	Sample Matrix:	Water
Project Number:	OL072-6.3		
Date/Time Sampled:	08/06/20 / 11:55		
SDG:			
Tag Number:	833 S.2nd St.		

Prep Method:	3510_TPH	Prep Batch Date/Time:	8/10/20 6:47:00PM
Prep Batch ID:	1124390	Prep Analyst:	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.039	0.11	0.116	x	mg/L	08/11/20	7:05	SN	449615
TPH as Motor Oil	SW8015B	1	0.12	0.42	ND		mg/L	08/11/20	7:05	SN	449615
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		111		%	08/11/20	7:05	SN	449615

NOTE: x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel



MB Summary Report

Work Order:	2008058	Prep Method:	5030VOC	Prep Date:	08/07/20	Prep Batch:	1124378
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449598
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.26	0.50	ND	
Chloromethane	0.17	0.50	ND	
Vinyl Chloride	0.21	0.50	ND	
Bromomethane	0.21	0.50	ND	
Chloroethane	0.11	0.50	ND	
Trichlorofluoromethane	0.19	0.50	ND	
1,1-Dichloroethene	0.14	0.50	ND	
Freon 113	0.34	0.50	ND	
Methylene Chloride	0.13	1.0	ND	
trans-1,2-Dichloroethene	0.16	0.50	ND	
MTBE	0.077	0.50	ND	
tert-Butanol	2.9	5.0	ND	
DIPE	0.12	0.50	ND	
1,1-Dichloroethane	0.12	0.50	ND	
ETBE	0.064	0.50	ND	
cis-1,2-Dichloroethene	0.15	0.50	ND	
2,2-Dichloropropane	0.094	0.50	ND	
Bromochloromethane	0.15	0.50	ND	
Chloroform	0.12	0.50	ND	
Carbon Tetrachloride	0.16	0.50	ND	
1,1,1-Trichloroethane	0.16	0.50	ND	
1,1-Dichloropropene	0.19	0.50	ND	
Benzene	0.065	0.50	ND	
TAME	0.072	0.50	ND	
1,2-Dichloroethane	0.11	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
Dibromomethane	0.11	0.50	ND	
1,2-Dichloropropane	0.089	0.50	ND	
Bromodichloromethane	0.076	0.50	ND	
cis-1,3-Dichloropropene	0.078	0.50	ND	
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
trans-1,3-Dichloropropene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.076	0.50	ND	
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethylbenzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	



MB Summary Report

Work Order:	2008058	Prep Method:	5030VOC	Prep Date:	08/07/20	Prep Batch:	1124378
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449598
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			116	
(S) Toluene-d8			105	
(S) 4-Bromofluorobenzene			107	

Work Order:	2008058	Prep Method:	5030GRO	Prep Date:	08/07/20	Prep Batch:	1124380
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449598
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	29	50	ND	
(S) 4-Bromofluorobenzene			75.1	

Work Order:	2008058	Prep Method:	3510_TPH	Prep Date:	08/10/20	Prep Batch:	1124390
Matrix:	Water	Analytical Method:	SW8015B	Analyzed Date:	8/11/2020	Analytical Batch:	449615
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.037	0.10	0.0537	
TPH as Motor Oil	0.11	0.40	ND	
Pentacosane (S)			101	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2008058	Prep Method:	5030VOC	Prep Date:	08/07/20	Prep Batch:	1124378
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/7/2020	Analytical Batch:	449598
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50		17.9	99.5	97.7	1.70	61.4 - 129	30	
Benzene	0.16	0.50		17.9	106	109	3.13	66.9 - 140	30	
Trichloroethylene	0.15	0.50		17.9	107	102	4.83	69.3 - 144	30	
Toluene	0.14	0.50		17.9	110	107	2.57	76.6 - 123	30	
Chlorobenzene	0.16	0.50		17.9	108	104	4.23	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	104	106		61.2 - 131		
(S) Toluene-d8				17.9	105	104		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	104	103		64.1 - 120		

Work Order:	2008058	Prep Method:	5030GRO	Prep Date:	08/07/20	Prep Batch:	1124380
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	8/10/2020	Analytical Batch:	449598
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	29	50	ND	238	85.0	90.4	6.24	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	88.7	90.1		41.5 - 125		

Work Order:	2008058	Prep Method:	3510_TPH	Prep Date:	08/10/20	Prep Batch:	1124390
Matrix:	Water	Analytical Method:	SW8015B	Analyzed Date:	8/11/2020	Analytical Batch:	449615
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.037	0.10	0.0537	1.0	114			52 - 115		
Pentacosane (S)				200	122			59 - 129		



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg/m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm ² surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H - Indicates that the recommended holding time for the analyte or compound has been exceeded
J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S - Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.



Sample Receipt Checklist

Client Name: MJO Earthscience Services

Date and Time Received: 8/6/2020 3:30:00PM

Project Name: 1st & 2nd at Virginia St. San Jose

Received By: Lorna Imbat

Work Order No.: 2008058

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	<u>Yes</u>
Chain of custody signed when relinquished and received?	<u>Yes</u>
Chain of custody agrees with sample labels?	<u>Yes</u>
Custody seals intact on sample bottles?	<u>Not Present</u>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	<u>Not Present</u>
Shipping Container/Cooler In Good Condition?	<u>Yes</u>
Samples in proper container/bottle?	<u>Yes</u>
Samples containers intact?	<u>Yes</u>
Sufficient sample volume for indicated test?	<u>Yes</u>

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	<u>Yes</u>	
Container/Temp Blank temperature in compliance?		Temperature: 11.0 °C
Water-VOA vials have zero headspace?	<u>Yes</u>	
Water-pH acceptable upon receipt?	<u>N/A</u>	
pH Checked by: N/A	pH Adjusted by: N/A	

Comments:

Samples transported on ice



Login Summary Report

Client ID: TL5200 MJO Earthscience Services

Project Name: 1st & 2nd at Virginia St. San Jose

Project # : OL072-6.3

Report Due Date: 8/11/2020

QC Level: II

TAT Requested: 3 Day Std:3

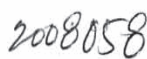
Date Received: 8/6/2020

Time Received: 3:30 pm

Comments:

Work Order # : **2008058**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2008058-001A	WB4	08/06/20 11:55	Water	09/20/20			VOC_W_8260B VOC_W_GRO	
2008058-001B	WB4	08/06/20 11:55	Water	09/20/20			TPHDO_W_8015B(M)	



D/O temp 11#2



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2008437

Report Created for: The Denali Group

2255 Morello Ave., Ste. 208
Pleasant Hill, CA 94523

Project Contact: Bob Kuykendall

Project P.O.:

Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

Project Received: 08/11/2020

Analytical Report reviewed & approved for release on 08/17/2020 by:

Jennifer Lagerbom
Project Manager

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





Glossary of Terms & Qualifier Definitions

Client: The Denali Group
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose
WorkOrder: 2008437

Glossary Abbreviation

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



Glossary of Terms & Qualifier Definitions

Client: The Denali Group
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose
WorkOrder: 2008437

Analytical Qualifiers

B Analyte detected in the associated Method Blank and in the sample
J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.

Quality Control Qualifiers

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



Case Narrative

Client: The Denali Group
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

Work Order: 2008437
August 17, 2020

TO-15 ANALYSIS

All summa canisters are EVACUATED 5 days after the reporting of the results. Please call or email if a longer retention time is required.



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/13/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Atmospheric Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-5	2008437-001A	SoilGas	08/11/2020 11:10	GC26 0813200615.D	203887

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
11.53	23.03	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	10	0.40	1	08/13/2020 21:19

VS3-5	2008437-002A	SoilGas	08/11/2020 11:16	GC26 0813200617.D	203887

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.51	28.99	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	15	0.40	1	08/13/2020 21:40

VS5-5	2008437-003A	SoilGas	08/11/2020 11:50	GC26 0813200619.D	203887

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.37	24.70	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	16	0.40	1	08/13/2020 22:01



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/13/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Atmospheric Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS6-5	2008437-004A	SoilGas	08/11/2020 08:36	GC26 0813200607.D	203711

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.62	25.24	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	15	0.40	1	08/13/2020 07:20

VS9-5	2008437-005A	SoilGas	08/11/2020 12:31	GC26 0813200621.D	203887

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.45	24.92	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	16	0.40	1	08/13/2020 22:22

VS10-5	2008437-006A	SoilGas	08/11/2020 10:00	GC26 0813200623.D	203887

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.68	25.36	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	14	0.40	1	08/13/2020 22:43



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/13/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Helium

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-5	2008437-001A	SoilGas	08/11/2020 11:10	GC26 0813200111.D	203732

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
11.53	23.03	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	0.061	0.050	1	08/13/2020 14:18

VS3-5	2008437-002A	SoilGas	08/11/2020 11:16	GC26 0813200113.D	203732

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.51	28.99	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	ND	0.050	1	08/13/2020 14:31

VS5-5	2008437-003A	SoilGas	08/11/2020 11:50	GC26 0813200115.D	203732

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.37	24.70	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	0.37	0.050	1	08/13/2020 14:44



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/13/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Helium

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS6-5	2008437-004A	SoilGas	08/11/2020 08:36	GC26 0813201207.D	203732

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.62	25.24	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	0.15	0.050	1	08/13/2020 13:13

VS9-5	2008437-005A	SoilGas	08/11/2020 12:31	GC26 0813200117.D	203732

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.45	24.92	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	0.32	0.050	1	08/13/2020 14:57

VS10-5	2008437-006A	SoilGas	08/11/2020 10:00	GC26 0813200119.D	203732

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.68	25.36	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	0.56	0.050	1	08/13/2020 15:10



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/13/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Light Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-5	2008437-001A	SoilGas	08/11/2020 11:10	GC26 0814200145.D	203888

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
11.53	23.03	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Carbon Dioxide	9.4	B	0.16	40	08/14/2020 12:34
Methane	ND		0.00020	1	08/14/2020 08:50

VS3-5	2008437-002A	SoilGas	08/11/2020 11:16	GC26 0814200147.D	203888

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.51	28.99	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Carbon Dioxide	3.6	B	0.16	40	08/14/2020 12:55
Methane	ND		0.00020	1	08/14/2020 09:11

VS5-5	2008437-003A	SoilGas	08/11/2020 11:50	GC26 0814200102.D	203888

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.37	24.70	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Carbon Dioxide	1.8	B	0.16	40	08/14/2020 13:17
Methane	ND		0.00020	1	08/14/2020 09:32



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/13/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Light Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS6-5	2008437-004A	SoilGas	08/11/2020 08:36	GC26 0813200811.D	203712

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.62	25.24	HK

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	2.1	0.040	10	08/13/2020 10:44
Methane	ND	0.00020	1	08/13/2020 09:55

VS9-5	2008437-005A	SoilGas	08/11/2020 12:31	GC26 0814200104.D	203888

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.45	24.92	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Carbon Dioxide	1.7	B	0.16	40	08/14/2020 13:38
Methane	ND		0.00020	1	08/14/2020 09:53

VS10-5	2008437-006A	SoilGas	08/11/2020 10:00	GC26 0814200106.D	203888

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.68	25.36	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Carbon Dioxide	3.6	B	0.16	40	08/14/2020 13:59
Methane	ND		0.00020	1	08/14/2020 10:15



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-5	2008437-001A	SoilGas	08/11/2020 11:10	GC29 08132012.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
11.53	23.03	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND		60	1	08/14/2020 18:10
Acrolein	ND		5.8	1	08/14/2020 18:10
Acrylonitrile	ND		1.1	1	08/14/2020 18:10
tert-Amyl methyl ether (TAME)	ND		2.1	1	08/14/2020 18:10
Benzene	ND		1.6	1	08/14/2020 18:10
Benzyl chloride	ND		2.6	1	08/14/2020 18:10
Bromodichloromethane	ND		1.4	1	08/14/2020 18:10
Bromoform	ND		5.2	1	08/14/2020 18:10
Bromomethane	ND		2.0	1	08/14/2020 18:10
1,3-Butadiene	ND		1.1	1	08/14/2020 18:10
2-Butanone (MEK)	ND		75	1	08/14/2020 18:10
t-Butyl alcohol (TBA)	ND		31	1	08/14/2020 18:10
Carbon Disulfide	3.5		1.6	1	08/14/2020 18:10
Carbon Tetrachloride	ND		1.3	1	08/14/2020 18:10
Chlorobenzene	ND		2.4	1	08/14/2020 18:10
Chloroethane	ND		1.3	1	08/14/2020 18:10
Chloroform	ND		2.4	1	08/14/2020 18:10
Chloromethane	ND		1.0	1	08/14/2020 18:10
Cyclohexane	ND		18	1	08/14/2020 18:10
Dibromochloromethane	ND		4.4	1	08/14/2020 18:10
1,2-Dibromo-3-chloropropane	ND		0.12	1	08/14/2020 18:10
1,2-Dibromoethane (EDB)	ND		0.078	1	08/14/2020 18:10
1,2-Dichlorobenzene	ND		3.0	1	08/14/2020 18:10
1,3-Dichlorobenzene	ND		3.0	1	08/14/2020 18:10
1,4-Dichlorobenzene	ND		3.0	1	08/14/2020 18:10
Dichlorodifluoromethane	ND		2.5	1	08/14/2020 18:10
1,1-Dichloroethane	ND		2.0	1	08/14/2020 18:10
1,2-Dichloroethane (1,2-DCA)	ND		2.0	1	08/14/2020 18:10
1,1-Dichloroethene	ND		2.0	1	08/14/2020 18:10
cis-1,2-Dichloroethene	ND		2.0	1	08/14/2020 18:10
trans-1,2-Dichloroethene	ND		2.0	1	08/14/2020 18:10
1,2-Dichloropropane	ND		2.4	1	08/14/2020 18:10
cis-1,3-Dichloropropene	ND		2.3	1	08/14/2020 18:10
trans-1,3-Dichloropropene	ND		2.3	1	08/14/2020 18:10

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-5	2008437-001A	SoilGas	08/11/2020 11:10	GC29 08132012.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
11.53	23.03	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		3.6	1	08/14/2020 18:10
Diisopropyl ether (DIPE)	ND		2.1	1	08/14/2020 18:10
1,4-Dioxane	ND		1.8	1	08/14/2020 18:10
Ethanol	ND		96	1	08/14/2020 18:10
Ethyl acetate	ND		1.8	1	08/14/2020 18:10
Ethyl tert-butyl ether (ETBE)	ND		2.1	1	08/14/2020 18:10
Ethylbenzene	5.1		2.2	1	08/14/2020 18:10
4-Ethyltoluene	3.3		2.5	1	08/14/2020 18:10
Freon 113	ND		3.9	1	08/14/2020 18:10
Heptane	ND		21	1	08/14/2020 18:10
Hexachlorobutadiene	ND		2.2	1	08/14/2020 18:10
Hexachloroethane	ND		2.0	1	08/14/2020 18:10
Hexane	ND		18	1	08/14/2020 18:10
2-Hexanone	ND		2.1	1	08/14/2020 18:10
4-Methyl-2-pentanone (MIBK)	ND		2.1	1	08/14/2020 18:10
Methyl-t-butyl ether (MTBE)	ND		1.8	1	08/14/2020 18:10
Methylene chloride	ND		8.8	1	08/14/2020 18:10
Methyl methacrylate	ND		2.1	1	08/14/2020 18:10
Naphthalene	25		2.6	1	08/14/2020 18:10
Styrene	ND		2.2	1	08/14/2020 18:10
1,1,1,2-Tetrachloroethane	ND		3.6	1	08/14/2020 18:10
1,1,2,2-Tetrachloroethane	ND		1.4	1	08/14/2020 18:10
Tetrachloroethene	12	B	3.4	1	08/14/2020 18:10
Tetrahydrofuran	ND		3.0	1	08/14/2020 18:10
Toluene	4.5		1.9	1	08/14/2020 18:10
1,2,4-Trichlorobenzene	ND		3.8	1	08/14/2020 18:10
1,1,1-Trichloroethane	ND		2.8	1	08/14/2020 18:10
1,1,2-Trichloroethane	ND		2.8	1	08/14/2020 18:10
Trichloroethene	ND		2.8	1	08/14/2020 18:10
1,2,3-Trichloropropane	ND		3.1	1	08/14/2020 18:10
Trichlorofluoromethane	6.9		2.8	1	08/14/2020 18:10
1,2,4-Trimethylbenzene	15		2.5	1	08/14/2020 18:10
1,3,5-Trimethylbenzene	2.7		2.5	1	08/14/2020 18:10
Vinyl Acetate	ND		18	1	08/14/2020 18:10

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-5	2008437-001A	SoilGas	08/11/2020 11:10	GC29 08132012.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
11.53	23.03	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Vinyl Chloride	ND		0.26	1	08/14/2020 18:10
m,p-Xylene	ND		4.4	1	08/14/2020 18:10
o-Xylene	ND		2.2	1	08/14/2020 18:10
Xylenes, Total	ND		2.2	1	08/14/2020 18:10
Surrogates	REC (%)		Limits		
1,2-DCA-d4	115		70-130		08/14/2020 18:10
Toluene-d8	106		70-130		08/14/2020 18:10
4-BFB	108		70-130		08/14/2020 18:10



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS3-5	2008437-002A	SoilGas	08/11/2020 11:16	GC29 08132013.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.51	28.99	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND		60	1	08/14/2020 18:53
Acrolein	7.3		5.8	1	08/14/2020 18:53
Acrylonitrile	ND		1.1	1	08/14/2020 18:53
tert-Amyl methyl ether (TAME)	ND		2.1	1	08/14/2020 18:53
Benzene	ND		1.6	1	08/14/2020 18:53
Benzyl chloride	ND		2.6	1	08/14/2020 18:53
Bromodichloromethane	ND		1.4	1	08/14/2020 18:53
Bromoform	ND		5.2	1	08/14/2020 18:53
Bromomethane	ND		2.0	1	08/14/2020 18:53
1,3-Butadiene	ND		1.1	1	08/14/2020 18:53
2-Butanone (MEK)	ND		75	1	08/14/2020 18:53
t-Butyl alcohol (TBA)	ND		31	1	08/14/2020 18:53
Carbon Disulfide	ND		1.6	1	08/14/2020 18:53
Carbon Tetrachloride	ND		1.3	1	08/14/2020 18:53
Chlorobenzene	ND		2.4	1	08/14/2020 18:53
Chloroethane	ND		1.3	1	08/14/2020 18:53
Chloroform	ND		2.4	1	08/14/2020 18:53
Chloromethane	ND		1.0	1	08/14/2020 18:53
Cyclohexane	ND		18	1	08/14/2020 18:53
Dibromochloromethane	ND		4.4	1	08/14/2020 18:53
1,2-Dibromo-3-chloropropane	ND		0.12	1	08/14/2020 18:53
1,2-Dibromoethane (EDB)	ND		0.078	1	08/14/2020 18:53
1,2-Dichlorobenzene	ND		3.0	1	08/14/2020 18:53
1,3-Dichlorobenzene	ND		3.0	1	08/14/2020 18:53
1,4-Dichlorobenzene	ND		3.0	1	08/14/2020 18:53
Dichlorodifluoromethane	ND		2.5	1	08/14/2020 18:53
1,1-Dichloroethane	ND		2.0	1	08/14/2020 18:53
1,2-Dichloroethane (1,2-DCA)	ND		2.0	1	08/14/2020 18:53
1,1-Dichloroethene	ND		2.0	1	08/14/2020 18:53
cis-1,2-Dichloroethene	ND		2.0	1	08/14/2020 18:53
trans-1,2-Dichloroethene	ND		2.0	1	08/14/2020 18:53
1,2-Dichloropropane	ND		2.4	1	08/14/2020 18:53
cis-1,3-Dichloropropene	ND		2.3	1	08/14/2020 18:53
trans-1,3-Dichloropropene	ND		2.3	1	08/14/2020 18:53

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS3-5	2008437-002A	SoilGas	08/11/2020 11:16	GC29 08132013.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.51	28.99	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		3.6	1	08/14/2020 18:53
Diisopropyl ether (DIPE)	ND		2.1	1	08/14/2020 18:53
1,4-Dioxane	ND		1.8	1	08/14/2020 18:53
Ethanol	230		96	1	08/14/2020 18:53
Ethyl acetate	ND		1.8	1	08/14/2020 18:53
Ethyl tert-butyl ether (ETBE)	ND		2.1	1	08/14/2020 18:53
Ethylbenzene	6.6		2.2	1	08/14/2020 18:53
4-Ethyltoluene	ND		2.5	1	08/14/2020 18:53
Freon 113	ND		3.9	1	08/14/2020 18:53
Heptane	ND		21	1	08/14/2020 18:53
Hexachlorobutadiene	ND		2.2	1	08/14/2020 18:53
Hexachloroethane	ND		2.0	1	08/14/2020 18:53
Hexane	ND		18	1	08/14/2020 18:53
2-Hexanone	ND		2.1	1	08/14/2020 18:53
4-Methyl-2-pentanone (MIBK)	ND		2.1	1	08/14/2020 18:53
Methyl-t-butyl ether (MTBE)	ND		1.8	1	08/14/2020 18:53
Methylene chloride	ND		8.8	1	08/14/2020 18:53
Methyl methacrylate	ND		2.1	1	08/14/2020 18:53
Naphthalene	ND		2.6	1	08/14/2020 18:53
Styrene	ND		2.2	1	08/14/2020 18:53
1,1,1,2-Tetrachloroethane	ND		3.6	1	08/14/2020 18:53
1,1,2,2-Tetrachloroethane	ND		1.4	1	08/14/2020 18:53
Tetrachloroethene	16	B	3.4	1	08/14/2020 18:53
Tetrahydrofuran	ND		3.0	1	08/14/2020 18:53
Toluene	17		1.9	1	08/14/2020 18:53
1,2,4-Trichlorobenzene	ND		3.8	1	08/14/2020 18:53
1,1,1-Trichloroethane	3.5		2.8	1	08/14/2020 18:53
1,1,2-Trichloroethane	ND		2.8	1	08/14/2020 18:53
Trichloroethene	ND		2.8	1	08/14/2020 18:53
1,2,3-Trichloropropane	ND		3.1	1	08/14/2020 18:53
Trichlorofluoromethane	3.8		2.8	1	08/14/2020 18:53
1,2,4-Trimethylbenzene	8.3		2.5	1	08/14/2020 18:53
1,3,5-Trimethylbenzene	4.0		2.5	1	08/14/2020 18:53
Vinyl Acetate	ND		18	1	08/14/2020 18:53

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS3-5	2008437-002A	SoilGas	08/11/2020 11:16	GC29 08132013.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.51	28.99	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Vinyl Chloride	ND		0.26	1	08/14/2020 18:53
m,p-Xylene	19		4.4	1	08/14/2020 18:53
o-Xylene	7.3		2.2	1	08/14/2020 18:53
Xylenes, Total	26		2.2	1	08/14/2020 18:53
Surrogates	REC (%)		Limits		
1,2-DCA-d4	114		70-130		08/14/2020 18:53
Toluene-d8	107		70-130		08/14/2020 18:53
4-BFB	107		70-130		08/14/2020 18:53



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS5-5	2008437-003A	SoilGas	08/11/2020 11:50	GC29 08132014.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.37	24.70	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	08/14/2020 19:37
Acrolein	ND	5.8	1	08/14/2020 19:37
Acrylonitrile	ND	1.1	1	08/14/2020 19:37
tert-Amyl methyl ether (TAME)	ND	2.1	1	08/14/2020 19:37
Benzene	ND	1.6	1	08/14/2020 19:37
Benzyl chloride	ND	2.6	1	08/14/2020 19:37
Bromodichloromethane	ND	1.4	1	08/14/2020 19:37
Bromoform	ND	5.2	1	08/14/2020 19:37
Bromomethane	ND	2.0	1	08/14/2020 19:37
1,3-Butadiene	ND	1.1	1	08/14/2020 19:37
2-Butanone (MEK)	ND	75	1	08/14/2020 19:37
t-Butyl alcohol (TBA)	ND	31	1	08/14/2020 19:37
Carbon Disulfide	ND	1.6	1	08/14/2020 19:37
Carbon Tetrachloride	ND	1.3	1	08/14/2020 19:37
Chlorobenzene	ND	2.4	1	08/14/2020 19:37
Chloroethane	ND	1.3	1	08/14/2020 19:37
Chloroform	ND	2.4	1	08/14/2020 19:37
Chloromethane	ND	1.0	1	08/14/2020 19:37
Cyclohexane	ND	18	1	08/14/2020 19:37
Dibromochloromethane	ND	4.4	1	08/14/2020 19:37
1,2-Dibromo-3-chloropropane	ND	0.12	1	08/14/2020 19:37
1,2-Dibromoethane (EDB)	ND	0.078	1	08/14/2020 19:37
1,2-Dichlorobenzene	ND	3.0	1	08/14/2020 19:37
1,3-Dichlorobenzene	ND	3.0	1	08/14/2020 19:37
1,4-Dichlorobenzene	4.6	3.0	1	08/14/2020 19:37
Dichlorodifluoromethane	ND	2.5	1	08/14/2020 19:37
1,1-Dichloroethane	ND	2.0	1	08/14/2020 19:37
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	08/14/2020 19:37
1,1-Dichloroethene	ND	2.0	1	08/14/2020 19:37
cis-1,2-Dichloroethene	ND	2.0	1	08/14/2020 19:37
trans-1,2-Dichloroethene	ND	2.0	1	08/14/2020 19:37
1,2-Dichloropropane	ND	2.4	1	08/14/2020 19:37
cis-1,3-Dichloropropene	ND	2.3	1	08/14/2020 19:37
trans-1,3-Dichloropropene	ND	2.3	1	08/14/2020 19:37

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS5-5	2008437-003A	SoilGas	08/11/2020 11:50	GC29 08132014.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.37	24.70	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	08/14/2020 19:37
Diisopropyl ether (DIPE)	ND	2.1	1	08/14/2020 19:37
1,4-Dioxane	ND	1.8	1	08/14/2020 19:37
Ethanol	ND	96	1	08/14/2020 19:37
Ethyl acetate	ND	1.8	1	08/14/2020 19:37
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	08/14/2020 19:37
Ethylbenzene	ND	2.2	1	08/14/2020 19:37
4-Ethyltoluene	ND	2.5	1	08/14/2020 19:37
Freon 113	ND	3.9	1	08/14/2020 19:37
Heptane	ND	21	1	08/14/2020 19:37
Hexachlorobutadiene	ND	2.2	1	08/14/2020 19:37
Hexachloroethane	ND	2.0	1	08/14/2020 19:37
Hexane	ND	18	1	08/14/2020 19:37
2-Hexanone	ND	2.1	1	08/14/2020 19:37
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	08/14/2020 19:37
Methyl-t-butyl ether (MTBE)	ND	1.8	1	08/14/2020 19:37
Methylene chloride	12	8.8	1	08/14/2020 19:37
Methyl methacrylate	ND	2.1	1	08/14/2020 19:37
Naphthalene	ND	2.6	1	08/14/2020 19:37
Styrene	ND	2.2	1	08/14/2020 19:37
1,1,1,2-Tetrachloroethane	ND	3.6	1	08/14/2020 19:37
1,1,2,2-Tetrachloroethane	ND	1.4	1	08/14/2020 19:37
Tetrachloroethene	ND	3.4	1	08/14/2020 19:37
Tetrahydrofuran	ND	3.0	1	08/14/2020 19:37
Toluene	5.7	1.9	1	08/14/2020 19:37
1,2,4-Trichlorobenzene	120	3.8	1	08/14/2020 19:37
1,1,1-Trichloroethane	ND	2.8	1	08/14/2020 19:37
1,1,2-Trichloroethane	ND	2.8	1	08/14/2020 19:37
Trichloroethene	ND	2.8	1	08/14/2020 19:37
1,2,3-Trichloropropane	ND	3.1	1	08/14/2020 19:37
Trichlorofluoromethane	ND	2.8	1	08/14/2020 19:37
1,2,4-Trimethylbenzene	ND	2.5	1	08/14/2020 19:37
1,3,5-Trimethylbenzene	ND	2.5	1	08/14/2020 19:37
Vinyl Acetate	ND	18	1	08/14/2020 19:37

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS5-5	2008437-003A	SoilGas	08/11/2020 11:50	GC29 08132014.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.37	24.70	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	08/14/2020 19:37
m,p-Xylene	5.5	4.4	1	08/14/2020 19:37
o-Xylene	2.6	2.2	1	08/14/2020 19:37
Xylenes, Total	8.1	2.2	1	08/14/2020 19:37
Surrogates	REC (%)	Limits		
1,2-DCA-d4	116	70-130		08/14/2020 19:37
Toluene-d8	106	70-130		08/14/2020 19:37
4-BFB	106	70-130		08/14/2020 19:37



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS6-5	2008437-004A	SoilGas	08/11/2020 08:36	GC29 08112028.D	203705

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.62	25.24	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND		60	1	08/12/2020 16:18
Acrolein	ND		5.8	1	08/12/2020 16:18
Acrylonitrile	ND		1.1	1	08/12/2020 16:18
tert-Amyl methyl ether (TAME)	ND		2.1	1	08/12/2020 16:18
Benzene	ND		1.6	1	08/12/2020 16:18
Benzyl chloride	ND		2.6	1	08/12/2020 16:18
Bromodichloromethane	ND		1.4	1	08/12/2020 16:18
Bromoform	ND		5.2	1	08/12/2020 16:18
Bromomethane	ND		2.0	1	08/12/2020 16:18
1,3-Butadiene	ND		1.1	1	08/12/2020 16:18
2-Butanone (MEK)	ND		75	1	08/12/2020 16:18
t-Butyl alcohol (TBA)	ND		31	1	08/12/2020 16:18
Carbon Disulfide	ND		1.6	1	08/12/2020 16:18
Carbon Tetrachloride	ND		1.3	1	08/12/2020 16:18
Chlorobenzene	ND		2.4	1	08/12/2020 16:18
Chloroethane	ND		1.3	1	08/12/2020 16:18
Chloroform	ND		2.4	1	08/12/2020 16:18
Chloromethane	ND		1.0	1	08/12/2020 16:18
Cyclohexane	ND		18	1	08/12/2020 16:18
Dibromochloromethane	ND		4.4	1	08/12/2020 16:18
1,2-Dibromo-3-chloropropane	ND		0.12	1	08/12/2020 16:18
1,2-Dibromoethane (EDB)	ND		0.078	1	08/12/2020 16:18
1,2-Dichlorobenzene	ND		3.0	1	08/12/2020 16:18
1,3-Dichlorobenzene	ND		3.0	1	08/12/2020 16:18
1,4-Dichlorobenzene	ND		3.0	1	08/12/2020 16:18
Dichlorodifluoromethane	2.7		2.5	1	08/12/2020 16:18
1,1-Dichloroethane	ND		2.0	1	08/12/2020 16:18
1,2-Dichloroethane (1,2-DCA)	ND		2.0	1	08/12/2020 16:18
1,1-Dichloroethene	ND		2.0	1	08/12/2020 16:18
cis-1,2-Dichloroethene	ND		2.0	1	08/12/2020 16:18
trans-1,2-Dichloroethene	ND		2.0	1	08/12/2020 16:18
1,2-Dichloropropane	ND		2.4	1	08/12/2020 16:18
cis-1,3-Dichloropropene	ND		2.3	1	08/12/2020 16:18
trans-1,3-Dichloropropene	ND		2.3	1	08/12/2020 16:18

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS6-5	2008437-004A	SoilGas	08/11/2020 08:36	GC29 08112028.D	203705

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.62	25.24	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		3.6	1	08/12/2020 16:18
Diisopropyl ether (DIPE)	ND		2.1	1	08/12/2020 16:18
1,4-Dioxane	ND		1.8	1	08/12/2020 16:18
Ethanol	ND		96	1	08/12/2020 16:18
Ethyl acetate	ND		1.8	1	08/12/2020 16:18
Ethyl tert-butyl ether (ETBE)	ND		2.1	1	08/12/2020 16:18
Ethylbenzene	ND		2.2	1	08/12/2020 16:18
4-Ethyltoluene	ND		2.5	1	08/12/2020 16:18
Freon 113	ND		3.9	1	08/12/2020 16:18
Heptane	ND		21	1	08/12/2020 16:18
Hexachlorobutadiene	ND		2.2	1	08/12/2020 16:18
Hexachloroethane	ND		2.0	1	08/12/2020 16:18
Hexane	ND		18	1	08/12/2020 16:18
2-Hexanone	ND		2.1	1	08/12/2020 16:18
4-Methyl-2-pentanone (MIBK)	ND		2.1	1	08/12/2020 16:18
Methyl-t-butyl ether (MTBE)	ND		1.8	1	08/12/2020 16:18
Methylene chloride	ND		8.8	1	08/12/2020 16:18
Methyl methacrylate	ND		2.1	1	08/12/2020 16:18
Naphthalene	ND		2.6	1	08/12/2020 16:18
Styrene	ND		2.2	1	08/12/2020 16:18
1,1,1,2-Tetrachloroethane	ND		3.6	1	08/12/2020 16:18
1,1,2,2-Tetrachloroethane	ND		1.4	1	08/12/2020 16:18
Tetrachloroethene	35	B	3.4	1	08/12/2020 16:18
Tetrahydrofuran	ND		3.0	1	08/12/2020 16:18
Toluene	ND		1.9	1	08/12/2020 16:18
1,2,4-Trichlorobenzene	ND		3.8	1	08/12/2020 16:18
1,1,1-Trichloroethane	15		2.8	1	08/12/2020 16:18
1,1,2-Trichloroethane	ND		2.8	1	08/12/2020 16:18
Trichloroethene	ND		2.8	1	08/12/2020 16:18
1,2,3-Trichloropropane	ND		3.1	1	08/12/2020 16:18
Trichlorofluoromethane	3.2		2.8	1	08/12/2020 16:18
1,2,4-Trimethylbenzene	ND		2.5	1	08/12/2020 16:18
1,3,5-Trimethylbenzene	ND		2.5	1	08/12/2020 16:18
Vinyl Acetate	ND		18	1	08/12/2020 16:18

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS6-5	2008437-004A	SoilGas	08/11/2020 08:36	GC29 08112028.D	203705

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.62	25.24	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Vinyl Chloride	ND		0.26	1	08/12/2020 16:18
m,p-Xylene	ND		4.4	1	08/12/2020 16:18
o-Xylene	ND		2.2	1	08/12/2020 16:18
Xylenes, Total	ND		2.2	1	08/12/2020 16:18
Surrogates	REC (%)		Limits		
1,2-DCA-d4	114		70-130		08/12/2020 16:18
Toluene-d8	107		70-130		08/12/2020 16:18
4-BFB	106		70-130		08/12/2020 16:18



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS9-5	2008437-005A	SoilGas	08/11/2020 12:31	GC29 08132015.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.45	24.92	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND		60	1	08/14/2020 20:20
Acrolein	ND		5.8	1	08/14/2020 20:20
Acrylonitrile	ND		1.1	1	08/14/2020 20:20
tert-Amyl methyl ether (TAME)	ND		2.1	1	08/14/2020 20:20
Benzene	ND		1.6	1	08/14/2020 20:20
Benzyl chloride	ND		2.6	1	08/14/2020 20:20
Bromodichloromethane	ND		1.4	1	08/14/2020 20:20
Bromoform	ND		5.2	1	08/14/2020 20:20
Bromomethane	ND		2.0	1	08/14/2020 20:20
1,3-Butadiene	ND		1.1	1	08/14/2020 20:20
2-Butanone (MEK)	ND		75	1	08/14/2020 20:20
t-Butyl alcohol (TBA)	ND		31	1	08/14/2020 20:20
Carbon Disulfide	ND		1.6	1	08/14/2020 20:20
Carbon Tetrachloride	ND		1.3	1	08/14/2020 20:20
Chlorobenzene	ND		2.4	1	08/14/2020 20:20
Chloroethane	ND		1.3	1	08/14/2020 20:20
Chloroform	ND		2.4	1	08/14/2020 20:20
Chloromethane	ND		1.0	1	08/14/2020 20:20
Cyclohexane	ND		18	1	08/14/2020 20:20
Dibromochloromethane	ND		4.4	1	08/14/2020 20:20
1,2-Dibromo-3-chloropropane	ND		0.12	1	08/14/2020 20:20
1,2-Dibromoethane (EDB)	ND		0.078	1	08/14/2020 20:20
1,2-Dichlorobenzene	ND		3.0	1	08/14/2020 20:20
1,3-Dichlorobenzene	ND		3.0	1	08/14/2020 20:20
1,4-Dichlorobenzene	ND		3.0	1	08/14/2020 20:20
Dichlorodifluoromethane	ND		2.5	1	08/14/2020 20:20
1,1-Dichloroethane	ND		2.0	1	08/14/2020 20:20
1,2-Dichloroethane (1,2-DCA)	ND		2.0	1	08/14/2020 20:20
1,1-Dichloroethene	ND		2.0	1	08/14/2020 20:20
cis-1,2-Dichloroethene	ND		2.0	1	08/14/2020 20:20
trans-1,2-Dichloroethene	ND		2.0	1	08/14/2020 20:20
1,2-Dichloropropane	ND		2.4	1	08/14/2020 20:20
cis-1,3-Dichloropropene	ND		2.3	1	08/14/2020 20:20
trans-1,3-Dichloropropene	ND		2.3	1	08/14/2020 20:20

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS9-5	2008437-005A	SoilGas	08/11/2020 12:31	GC29 08132015.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.45	24.92	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		3.6	1	08/14/2020 20:20
Diisopropyl ether (DIPE)	ND		2.1	1	08/14/2020 20:20
1,4-Dioxane	ND		1.8	1	08/14/2020 20:20
Ethanol	ND		96	1	08/14/2020 20:20
Ethyl acetate	ND		1.8	1	08/14/2020 20:20
Ethyl tert-butyl ether (ETBE)	ND		2.1	1	08/14/2020 20:20
Ethylbenzene	ND		2.2	1	08/14/2020 20:20
4-Ethyltoluene	ND		2.5	1	08/14/2020 20:20
Freon 113	ND		3.9	1	08/14/2020 20:20
Heptane	ND		21	1	08/14/2020 20:20
Hexachlorobutadiene	ND		2.2	1	08/14/2020 20:20
Hexachloroethane	ND		2.0	1	08/14/2020 20:20
Hexane	ND		18	1	08/14/2020 20:20
2-Hexanone	ND		2.1	1	08/14/2020 20:20
4-Methyl-2-pentanone (MIBK)	ND		2.1	1	08/14/2020 20:20
Methyl-t-butyl ether (MTBE)	ND		1.8	1	08/14/2020 20:20
Methylene chloride	ND		8.8	1	08/14/2020 20:20
Methyl methacrylate	ND		2.1	1	08/14/2020 20:20
Naphthalene	ND		2.6	1	08/14/2020 20:20
Styrene	ND		2.2	1	08/14/2020 20:20
1,1,1,2-Tetrachloroethane	ND		3.6	1	08/14/2020 20:20
1,1,2,2-Tetrachloroethane	ND		1.4	1	08/14/2020 20:20
Tetrachloroethene	4.1	B	3.4	1	08/14/2020 20:20
Tetrahydrofuran	ND		3.0	1	08/14/2020 20:20
Toluene	ND		1.9	1	08/14/2020 20:20
1,2,4-Trichlorobenzene	ND		3.8	1	08/14/2020 20:20
1,1,1-Trichloroethane	ND		2.8	1	08/14/2020 20:20
1,1,2-Trichloroethane	ND		2.8	1	08/14/2020 20:20
Trichloroethene	ND		2.8	1	08/14/2020 20:20
1,2,3-Trichloropropane	ND		3.1	1	08/14/2020 20:20
Trichlorofluoromethane	ND		2.8	1	08/14/2020 20:20
1,2,4-Trimethylbenzene	ND		2.5	1	08/14/2020 20:20
1,3,5-Trimethylbenzene	ND		2.5	1	08/14/2020 20:20
Vinyl Acetate	ND		18	1	08/14/2020 20:20

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS9-5	2008437-005A	SoilGas	08/11/2020 12:31	GC29 08132015.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.45	24.92	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Vinyl Chloride	ND		0.26	1	08/14/2020 20:20
m,p-Xylene	ND		4.4	1	08/14/2020 20:20
o-Xylene	ND		2.2	1	08/14/2020 20:20
Xylenes, Total	ND		2.2	1	08/14/2020 20:20
Surrogates	REC (%)		Limits		
1,2-DCA-d4	114		70-130		08/14/2020 20:20
Toluene-d8	105		70-130		08/14/2020 20:20
4-BFB	105		70-130		08/14/2020 20:20



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS10-5	2008437-006A	SoilGas	08/11/2020 10:00	GC29 08132016.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.68	25.36	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	08/14/2020 21:04
Acrolein	ND	5.8	1	08/14/2020 21:04
Acrylonitrile	ND	1.1	1	08/14/2020 21:04
tert-Amyl methyl ether (TAME)	ND	2.1	1	08/14/2020 21:04
Benzene	ND	1.6	1	08/14/2020 21:04
Benzyl chloride	ND	2.6	1	08/14/2020 21:04
Bromodichloromethane	ND	1.4	1	08/14/2020 21:04
Bromoform	ND	5.2	1	08/14/2020 21:04
Bromomethane	ND	2.0	1	08/14/2020 21:04
1,3-Butadiene	ND	1.1	1	08/14/2020 21:04
2-Butanone (MEK)	ND	75	1	08/14/2020 21:04
t-Butyl alcohol (TBA)	ND	31	1	08/14/2020 21:04
Carbon Disulfide	2.6	1.6	1	08/14/2020 21:04
Carbon Tetrachloride	ND	1.3	1	08/14/2020 21:04
Chlorobenzene	ND	2.4	1	08/14/2020 21:04
Chloroethane	ND	1.3	1	08/14/2020 21:04
Chloroform	ND	2.4	1	08/14/2020 21:04
Chloromethane	ND	1.0	1	08/14/2020 21:04
Cyclohexane	ND	18	1	08/14/2020 21:04
Dibromochloromethane	ND	4.4	1	08/14/2020 21:04
1,2-Dibromo-3-chloropropane	ND	0.12	1	08/14/2020 21:04
1,2-Dibromoethane (EDB)	ND	0.078	1	08/14/2020 21:04
1,2-Dichlorobenzene	ND	3.0	1	08/14/2020 21:04
1,3-Dichlorobenzene	ND	3.0	1	08/14/2020 21:04
1,4-Dichlorobenzene	ND	3.0	1	08/14/2020 21:04
Dichlorodifluoromethane	2.5	2.5	1	08/14/2020 21:04
1,1-Dichloroethane	ND	2.0	1	08/14/2020 21:04
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	08/14/2020 21:04
1,1-Dichloroethene	ND	2.0	1	08/14/2020 21:04
cis-1,2-Dichloroethene	ND	2.0	1	08/14/2020 21:04
trans-1,2-Dichloroethene	ND	2.0	1	08/14/2020 21:04
1,2-Dichloropropane	ND	2.4	1	08/14/2020 21:04
cis-1,3-Dichloropropene	ND	2.3	1	08/14/2020 21:04
trans-1,3-Dichloropropene	ND	2.3	1	08/14/2020 21:04

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS10-5	2008437-006A	SoilGas	08/11/2020 10:00	GC29 08132016.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.68	25.36	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	08/14/2020 21:04
Diisopropyl ether (DIPE)	ND	2.1	1	08/14/2020 21:04
1,4-Dioxane	ND	1.8	1	08/14/2020 21:04
Ethanol	ND	96	1	08/14/2020 21:04
Ethyl acetate	ND	1.8	1	08/14/2020 21:04
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	08/14/2020 21:04
Ethylbenzene	ND	2.2	1	08/14/2020 21:04
4-Ethyltoluene	ND	2.5	1	08/14/2020 21:04
Freon 113	ND	3.9	1	08/14/2020 21:04
Heptane	ND	21	1	08/14/2020 21:04
Hexachlorobutadiene	ND	2.2	1	08/14/2020 21:04
Hexachloroethane	ND	2.0	1	08/14/2020 21:04
Hexane	ND	18	1	08/14/2020 21:04
2-Hexanone	ND	2.1	1	08/14/2020 21:04
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	08/14/2020 21:04
Methyl-t-butyl ether (MTBE)	ND	1.8	1	08/14/2020 21:04
Methylene chloride	ND	8.8	1	08/14/2020 21:04
Methyl methacrylate	ND	2.1	1	08/14/2020 21:04
Naphthalene	ND	2.6	1	08/14/2020 21:04
Styrene	ND	2.2	1	08/14/2020 21:04
1,1,1,2-Tetrachloroethane	ND	3.6	1	08/14/2020 21:04
1,1,2,2-Tetrachloroethane	ND	1.4	1	08/14/2020 21:04
Tetrachloroethene	ND	3.4	1	08/14/2020 21:04
Tetrahydrofuran	ND	3.0	1	08/14/2020 21:04
Toluene	4.4	1.9	1	08/14/2020 21:04
1,2,4-Trichlorobenzene	ND	3.8	1	08/14/2020 21:04
1,1,1-Trichloroethane	17	2.8	1	08/14/2020 21:04
1,1,2-Trichloroethane	ND	2.8	1	08/14/2020 21:04
Trichloroethene	ND	2.8	1	08/14/2020 21:04
1,2,3-Trichloropropane	ND	3.1	1	08/14/2020 21:04
Trichlorofluoromethane	4.0	2.8	1	08/14/2020 21:04
1,2,4-Trimethylbenzene	ND	2.5	1	08/14/2020 21:04
1,3,5-Trimethylbenzene	ND	2.5	1	08/14/2020 21:04
Vinyl Acetate	ND	18	1	08/14/2020 21:04

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/11/2020 15:05
Date Prepared: 08/12/2020-08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS10-5	2008437-006A	SoilGas	08/11/2020 10:00	GC29 08132016.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.68	25.36	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	08/14/2020 21:04
m,p-Xylene	4.7	4.4	1	08/14/2020 21:04
o-Xylene	ND	2.2	1	08/14/2020 21:04
Xylenes, Total	4.7	2.2	1	08/14/2020 21:04
Surrogates	REC (%)	Limits		
1,2-DCA-d4	115	70-130		08/14/2020 21:04
Toluene-d8	106	70-130		08/14/2020 21:04
4-BFB	105	70-130		08/14/2020 21:04



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008437
Date Prepared:	08/13/2020	BatchID:	203711
Date Analyzed:	08/13/2020	Extraction Method:	ASTM D 1946-90
Instrument:	GC26	Analytical Method:	ASTM D 1946-90
Matrix:	SoilGas	Unit:	%
Project:	OL072-6.2; 1st & 2nd at Virginia St. San Jose	Sample ID:	MB/LCS/LCSD-203711

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Oxygen	ND	0.0140	0.200	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Oxygen	1.68	1.68	2.1	80	80	70-130	0.144	20



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008437
Date Prepared:	08/13/2020	BatchID:	203732
Date Analyzed:	08/13/2020	Extraction Method:	ASTM D 1946-90
Instrument:	GC26	Analytical Method:	ASTM D 1946-90
Matrix:	Soilgas	Unit:	%
Project:	OL072-6.2; 1st & 2nd at Virginia St. San Jose	Sample ID:	MB/LCS/LCSD-203732

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Helium	ND	0.0250	0.0250	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Helium	0.0909	0.0907	0.10	91	91	60-140	0.190	20



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008437
Date Prepared:	08/13/2020	BatchID:	203712
Date Analyzed:	08/13/2020	Extraction Method:	ASTM D 1946-90
Instrument:	GC26	Analytical Method:	ASTM D 1946-90
Matrix:	SoilGas	Unit:	%
Project:	OL072-6.2; 1st & 2nd at Virginia St. San Jose	Sample ID:	MB/LCS/LCSD-203712

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	0.0000850	0.00200	-	-	-
Methane	ND	0.0000300	0.000100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	0.0109	0.0106	0.010	109	106	70-130	2.18	20
Methane	0.00737	0.00736	0.010	74	74	70-130	0.0482	20



Quality Control Report

Client: The Denali Group
Date Prepared: 08/11/2020 - 08/12/2020
Date Analyzed: 08/11/2020 - 08/12/2020
Instrument: GC29
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
BatchID: 203705
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-203705

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	2.60	30.0	-	-	-
Acrolein	ND	0.280	2.90	-	-	-
Acrylonitrile	ND	0.140	0.550	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.550	1.00	-	-	-
Benzene	ND	0.160	0.800	-	-	-
Benzyl chloride	ND	0.150	1.30	-	-	-
Bromodichloromethane	ND	0.00950	0.700	-	-	-
Bromoform	ND	0.430	2.60	-	-	-
Bromomethane	ND	0.400	1.00	-	-	-
1,3-Butadiene	ND	0.120	0.550	-	-	-
2-Butanone (MEK)	ND	2.60	38.0	-	-	-
t-Butyl alcohol (TBA)	ND	14.0	16.0	-	-	-
Carbon Disulfide	ND	0.110	0.800	-	-	-
Carbon Tetrachloride	ND	0.00650	0.650	-	-	-
Chlorobenzene	ND	0.160	1.20	-	-	-
Chloroethane	ND	0.240	0.650	-	-	-
Chloroform	ND	0.00950	1.20	-	-	-
Chloromethane	ND	0.0650	0.500	-	-	-
Cyclohexane	ND	0.350	9.00	-	-	-
Dibromochloromethane	ND	0.0120	2.20	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0180	0.0600	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0390	0.0390	-	-	-
1,2-Dichlorobenzene	ND	0.250	1.50	-	-	-
1,3-Dichlorobenzene	ND	0.250	1.50	-	-	-
1,4-Dichlorobenzene	ND	0.200	1.50	-	-	-
Dichlorodifluoromethane	ND	0.120	1.20	-	-	-
1,1-Dichloroethane	ND	0.360	1.00	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0800	1.00	-	-	-
1,1-Dichloroethene	ND	0.190	1.00	-	-	-
cis-1,2-Dichloroethene	ND	0.150	1.00	-	-	-
trans-1,2-Dichloroethene	ND	0.150	1.00	-	-	-
1,2-Dichloropropane	ND	0.00850	1.20	-	-	-
cis-1,3-Dichloropropene	ND	0.0110	1.20	-	-	-
trans-1,3-Dichloropropene	ND	0.230	1.20	-	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.80	1.80	-	-	-
Diisopropyl ether (DIPE)	ND	0.0850	1.00	-	-	-
1,4-Dioxane	ND	0.150	0.900	-	-	-
Ethanol	ND	2.90	48.0	-	-	-

(Cont.)



Quality Control Report

Client: The Denali Group
Date Prepared: 08/11/2020 - 08/12/2020
Date Analyzed: 08/11/2020 - 08/12/2020
Instrument: GC29
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
BatchID: 203705
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-203705

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Ethyl acetate	ND	0.110	0.900	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.340	1.00	-	-	-
Ethylbenzene	ND	0.130	1.10	-	-	-
4-Ethyltoluene	ND	0.0900	1.20	-	-	-
Freon 113	ND	0.300	2.00	-	-	-
Heptane	ND	0.0750	10.0	-	-	-
Hexachlorobutadiene	ND	0.190	1.10	-	-	-
Hexachloroethane	ND	1.00	1.00	-	-	-
Hexane	ND	0.120	9.00	-	-	-
2-Hexanone	ND	0.210	1.00	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.100	1.00	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.210	0.900	-	-	-
Methylene chloride	ND	0.340	4.40	-	-	-
Methyl methacrylate	ND	0.100	1.00	-	-	-
Naphthalene	ND	0.300	1.30	-	-	-
Styrene	ND	0.110	1.10	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.00500	1.80	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.0160	0.700	-	-	-
Tetrachloroethene	0.0268,J	0.00950	1.70	-	-	-
Tetrahydrofuran	ND	0.0800	1.50	-	-	-
Toluene	ND	0.120	0.950	-	-	-
1,2,4-Trichlorobenzene	ND	0.250	1.90	-	-	-
1,1,1-Trichloroethane	ND	0.250	1.40	-	-	-
1,1,2-Trichloroethane	ND	0.00700	1.40	-	-	-
Trichloroethene	ND	0.0140	1.40	-	-	-
1,2,3-Trichloropropane	ND	1.60	1.60	-	-	-
Trichlorofluoromethane	ND	0.210	1.40	-	-	-
1,2,4-Trimethylbenzene	ND	1.20	1.20	-	-	-
1,3,5-Trimethylbenzene	ND	0.150	1.20	-	-	-
Vinyl Acetate	ND	0.300	9.00	-	-	-
Vinyl Chloride	ND	0.0900	0.130	-	-	-
m,p-Xylene	ND	0.130	2.20	-	-	-
o-Xylene	ND	0.0900	1.10	-	-	-

(Cont.)



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008437
Date Prepared:	08/11/2020 - 08/12/2020	BatchID:	203705
Date Analyzed:	08/11/2020 - 08/12/2020	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	OL072-6.2; 1st & 2nd at Virginia St. San Jose	Sample ID:	MB/LCS/LCSD-203705

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
1,2-DCA-d4	554			500	111	70-130
Toluene-d8	536			500	107	70-130
4-BFB	517			500	103	70-130



Quality Control Report

Client: The Denali Group
Date Prepared: 08/11/2020 - 08/12/2020
Date Analyzed: 08/11/2020 - 08/12/2020
Instrument: GC29
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
BatchID: 203705
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-203705

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	5.04	5.22	6	84	87	60-140	3.48	25
Acrolein	4.69	4.75	5.8	81	82	60-140	1.32	25
Acrylonitrile	4.66	4.86	5.5	85	88	60-140	4.14	25
tert-Amyl methyl ether (TAME)	9.74	9.90	10.5	93	94	60-140	1.62	25
Benzene	8.00	8.04	8	100	101	60-140	0.476	25
Benzyl chloride	8.22	8.61	13.3	62	65	60-140	4.69	25
Bromodichloromethane	17.0	17.1	17.5	97	98	60-140	0.915	25
Bromoform	18.0	18.4	26.3	68	70	60-140	2.10	25
Bromomethane	9.77	9.96	9.8	100	102	60-140	1.93	25
1,3-Butadiene	4.96	5.14	5.5	90	93	60-140	3.49	25
2-Butanone (MEK)	6.69	6.80	7.5	89	91	60-140	1.76	25
t-Butyl alcohol (TBA)	6.41	6.46	7.8	82	83	60-140	0.855	25
Carbon Disulfide	7.06	7.08	8	88	89	60-140	0.342	25
Carbon Tetrachloride	13.3	13.4	16	83	84	60-140	0.825	25
Chlorobenzene	10.8	10.9	11.8	91	92	60-140	0.888	25
Chloroethane	6.61	6.61	6.8	97	97	60-140	0.112	25
Chloroform	12.6	12.6	12.3	102	103	60-140	0.438	25
Chloromethane	5.28	5.26	5.3	100	99	60-140	0.479	25
Cyclohexane	7.52	7.55	8.8	86	86	60-140	0.371	25
Dibromochloromethane	18.4	18.6	21.8	85	85	60-140	0.606	25
1,2-Dibromo-3-chloropropane	19.4	20.2	24.5	79	82	60-140	4.04	25
1,2-Dibromoethane (EDB)	18.4	18.5	19.5	94	95	60-140	0.566	25
1,2-Dichlorobenzene	13.9	14.1	15.3	91	92	60-140	1.02	25
1,3-Dichlorobenzene	14.1	14.3	15.3	92	93	60-140	1.27	25
1,4-Dichlorobenzene	13.9	14.0	15.3	91	92	60-140	1.07	25
Dichlorodifluoromethane	13.6	13.4	12.5	108	108	60-140	0.854	25
1,1-Dichloroethane	9.72	9.75	10.3	94	95	60-140	0.346	25
1,2-Dichloroethane (1,2-DCA)	10.1	10.2	10.3	98	99	60-140	0.378	25
1,1-Dichloroethene	9.50	9.44	10	95	94	60-140	0.610	25
cis-1,2-Dichloroethene	9.23	9.31	10	92	93	60-140	0.865	25
trans-1,2-Dichloroethene	9.42	9.51	10	94	95	60-140	0.904	25
1,2-Dichloropropane	10.9	10.9	11.8	92	93	60-140	0.207	25
cis-1,3-Dichloropropene	11.1	11.2	11.5	96	97	60-140	0.727	25
trans-1,3-Dichloropropene	10.4	10.5	11.5	90	91	60-140	1.25	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	16.6	16.3	17.8	93	91	60-140	1.89	25
Diisopropyl ether (DIPE)	9.98	10.0	10.5	95	96	60-140	0.763	25
1,4-Dioxane	8.47	8.74	9.3	91	94	60-140	3.10	25
Ethanol	3.98	4.31	4.8	83	90	60-140	7.77	25

(Cont.)



Quality Control Report

Client: The Denali Group
Date Prepared: 08/11/2020 - 08/12/2020
Date Analyzed: 08/11/2020 - 08/12/2020
Instrument: GC29
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
BatchID: 203705
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-203705

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ethyl acetate	8.74	8.88	9.3	94	95	60-140	1.51	25
Ethyl tert-butyl ether (ETBE)	9.76	9.82	10.5	93	94	60-140	0.620	25
Ethylbenzene	9.98	9.86	11	91	90	60-140	1.18	25
4-Ethyltoluene	11.2	11.2	12.5	90	90	60-140	0.277	25
Freon 113	19.5	19.4	19.5	100	100	60-140	0.159	25
Heptane	9.75	9.76	10.5	93	93	60-140	0.127	25
Hexachlorobutadiene	23.9	24.2	27	89	90	60-140	1.15	25
Hexachloroethane	12.9	13.0	24.6	52,F2	53,F2	60-140	0.801	25
Hexane	8.33	8.30	9	93	92	60-140	0.387	25
2-Hexanone	8.74	9.05	10.5	83	86	60-140	3.55	25
4-Methyl-2-pentanone (MIBK)	8.18	8.29	10.5	78	79	60-140	1.33	25
Methyl-t-butyl ether (MTBE)	8.67	8.70	9.3	93	94	60-140	0.386	25
Methylene chloride	7.71	7.78	8.8	88	88	60-140	0.910	25
Methyl methacrylate	9.43	9.51	10.4	91	91	60-140	0.870	25
Naphthalene	9.97	10.7	13.25	75	81	60-140	7.27	25
Styrene	9.67	9.74	10.8	90	90	60-140	0.707	25
1,1,1,2-Tetrachloroethane	15.4	15.4	17.5	88	88	60-140	0.211	25
1,1,2,2-Tetrachloroethane	16.8	17.0	17.5	96	97	60-140	0.821	25
Tetrachloroethene	16.9	16.8	17.2	98	98	60-140	0.508	25
Tetrahydrofuran	6.42	6.61	7.5	86	88	60-140	2.90	25
Toluene	8.24	8.23	9.5	87	87	60-140	0.123	25
1,2,4-Trichlorobenzene	16.0	16.7	18.8	85	89	60-140	4.36	25
1,1,1-Trichloroethane	13.0	13.2	13.8	94	95	60-140	0.913	25
1,1,2-Trichloroethane	13.4	13.5	13.8	97	98	60-140	0.268	25
Trichloroethene	11.9	12.0	13.8	87	87	60-140	0.359	25
1,2,3-Trichloropropane	15.2	15.3	15.32	99	100	60-140	0.295	25
Trichlorofluoromethane	14.2	14.2	14.3	99	99	60-140	0.0670	25
1,2,4-Trimethylbenzene	11.4	11.4	12.5	92	91	60-140	0.367	25
1,3,5-Trimethylbenzene	11.6	11.7	12.5	93	94	60-140	1.38	25
Vinyl Acetate	5.44	5.52	9	60	61	60-140	1.50	25
Vinyl Chloride	6.16	6.17	6.5	95	95	60-140	0.135	25
m,p-Xylene	19.3	19.3	22	88	88	60-140	0.0304	25
o-Xylene	10.1	10.1	11	92	92	60-140	0.217	25

(Cont.)



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008437
Date Prepared:	08/11/2020 - 08/12/2020	BatchID:	203705
Date Analyzed:	08/11/2020 - 08/12/2020	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	OL072-6.2; 1st & 2nd at Virginia St. San Jose	Sample ID:	MB/LCS/LCSD-203705

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
1,2-DCA-d4	565	564	500	113	113	70-130	0.200	25
Toluene-d8	521	519	500	104	104	70-130	0.328	25
4-BFB	518	518	500	104	104	70-130	0.0360	25



Quality Control Report

Client: The Denali Group
Date Prepared: 08/14/2020
Date Analyzed: 08/14/2020
Instrument: GC29
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
BatchID: 203896
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	2.60	30.0	-	-	-
Acrolein	ND	0.280	2.90	-	-	-
Acrylonitrile	ND	0.140	0.550	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.550	1.00	-	-	-
Benzene	ND	0.160	0.800	-	-	-
Benzyl chloride	ND	0.150	1.30	-	-	-
Bromodichloromethane	ND	0.00950	0.700	-	-	-
Bromoform	ND	0.430	2.60	-	-	-
Bromomethane	ND	0.400	1.00	-	-	-
1,3-Butadiene	ND	0.120	0.550	-	-	-
2-Butanone (MEK)	ND	2.60	38.0	-	-	-
t-Butyl alcohol (TBA)	ND	14.0	16.0	-	-	-
Carbon Disulfide	ND	0.110	0.800	-	-	-
Carbon Tetrachloride	ND	0.00650	0.650	-	-	-
Chlorobenzene	ND	0.160	1.20	-	-	-
Chloroethane	ND	0.240	0.650	-	-	-
Chloroform	ND	0.00950	1.20	-	-	-
Chloromethane	ND	0.0650	0.500	-	-	-
Cyclohexane	ND	0.350	9.00	-	-	-
Dibromochloromethane	ND	0.0120	2.20	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0180	0.0600	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0390	0.0390	-	-	-
1,2-Dichlorobenzene	ND	0.250	1.50	-	-	-
1,3-Dichlorobenzene	ND	0.250	1.50	-	-	-
1,4-Dichlorobenzene	ND	0.200	1.50	-	-	-
Dichlorodifluoromethane	ND	0.120	1.20	-	-	-
1,1-Dichloroethane	ND	0.360	1.00	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0800	1.00	-	-	-
1,1-Dichloroethene	ND	0.190	1.00	-	-	-
cis-1,2-Dichloroethene	ND	0.150	1.00	-	-	-
trans-1,2-Dichloroethene	ND	0.150	1.00	-	-	-
1,2-Dichloropropane	ND	0.00850	1.20	-	-	-
cis-1,3-Dichloropropene	ND	0.0110	1.20	-	-	-
trans-1,3-Dichloropropene	ND	0.230	1.20	-	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.80	1.80	-	-	-
Diisopropyl ether (DIPE)	ND	0.0850	1.00	-	-	-
1,4-Dioxane	ND	0.150	0.900	-	-	-
Ethanol	ND	2.90	48.0	-	-	-

(Cont.)



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008437
Date Prepared:	08/14/2020	BatchID:	203896
Date Analyzed:	08/14/2020	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	OL072-6.2; 1st & 2nd at Virginia St. San Jose	Sample ID:	MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Ethyl acetate	ND	0.110	0.900	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.340	1.00	-	-	-
Ethylbenzene	ND	0.130	1.10	-	-	-
4-Ethyltoluene	ND	0.0900	1.20	-	-	-
Freon 113	ND	0.300	2.00	-	-	-
Heptane	ND	0.0750	10.0	-	-	-
Hexachlorobutadiene	ND	0.190	1.10	-	-	-
Hexachloroethane	ND	1.00	1.00	-	-	-
Hexane	ND	0.120	9.00	-	-	-
2-Hexanone	ND	0.210	1.00	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.100	1.00	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.210	0.900	-	-	-
Methylene chloride	ND	0.340	4.40	-	-	-
Methyl methacrylate	ND	0.100	1.00	-	-	-
Naphthalene	ND	0.300	1.30	-	-	-
Styrene	ND	0.110	1.10	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.00500	1.80	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.0160	0.700	-	-	-
Tetrachloroethene	0.00970,J	0.00950	1.70	-	-	-
Tetrahydrofuran	ND	0.0800	1.50	-	-	-
Toluene	ND	0.120	0.950	-	-	-
1,2,4-Trichlorobenzene	ND	0.250	1.90	-	-	-
1,1,1-Trichloroethane	ND	0.250	1.40	-	-	-
1,1,2-Trichloroethane	ND	0.00700	1.40	-	-	-
Trichloroethene	ND	0.0140	1.40	-	-	-
1,2,3-Trichloropropane	ND	1.60	1.60	-	-	-
Trichlorofluoromethane	ND	0.210	1.40	-	-	-
1,2,4-Trimethylbenzene	ND	1.20	1.20	-	-	-
1,3,5-Trimethylbenzene	ND	0.150	1.20	-	-	-
Vinyl Acetate	ND	0.300	9.00	-	-	-
Vinyl Chloride	ND	0.0900	0.130	-	-	-
m,p-Xylene	ND	0.130	2.20	-	-	-
o-Xylene	ND	0.0900	1.10	-	-	-

(Cont.)



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008437
Date Prepared:	08/14/2020	BatchID:	203896
Date Analyzed:	08/14/2020	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	OL072-6.2; 1st & 2nd at Virginia St. San Jose	Sample ID:	MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
1,2-DCA-d4	576			500	115	70-130
Toluene-d8	543			500	109	70-130
4-BFB	525			500	105	70-130



Quality Control Report

Client: The Denali Group
Date Prepared: 08/14/2020
Date Analyzed: 08/14/2020
Instrument: GC29
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
BatchID: 203896
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	5.84	5.75	6	97	96	60-140	1.66	25
Acrolein	4.99	5.05	5.8	86	87	60-140	1.18	25
Acrylonitrile	5.15	5.09	5.5	94	93	60-140	1.20	25
tert-Amyl methyl ether (TAME)	10.7	10.9	10.5	102	103	60-140	1.32	25
Benzene	8.92	8.86	8	111	111	60-140	0.601	25
Benzyl chloride	9.09	9.19	13.3	68	69	60-140	1.11	25
Bromodichloromethane	19.4	19.6	17.5	111	112	60-140	0.594	25
Bromoform	19.1	19.2	26.3	73	73	60-140	0.661	25
Bromomethane	12.5	12.4	9.8	127	126	60-140	0.841	25
1,3-Butadiene	7.42	7.30	5.5	135	133	60-140	1.71	25
2-Butanone (MEK)	7.68	7.74	7.5	102	103	60-140	0.781	25
t-Butyl alcohol (TBA)	7.08	7.08	7.8	91	91	60-140	0.0412	25
Carbon Disulfide	7.58	7.58	8	95	95	60-140	0.0437	25
Carbon Tetrachloride	15.5	15.6	16	97	97	60-140	0.567	25
Chlorobenzene	10.7	10.7	11.8	91	91	60-140	0.424	25
Chloroethane	8.01	7.13	6.8	118	105	60-140	11.7	25
Chloroform	13.9	14.0	12.3	113	114	60-140	0.822	25
Chloromethane	6.12	6.42	5.3	116	121	60-140	4.74	25
Cyclohexane	7.75	7.80	8.8	88	89	60-140	0.688	25
Dibromochloromethane	18.9	19.0	21.8	87	87	60-140	0.254	25
1,2-Dibromo-3-chloropropane	21.0	20.8	24.5	86	85	60-140	0.814	25
1,2-Dibromoethane (EDB)	18.4	18.4	19.5	94	94	60-140	0.442	25
1,2-Dichlorobenzene	14.2	14.2	15.3	93	93	60-140	0.277	25
1,3-Dichlorobenzene	14.6	14.4	15.3	95	94	60-140	0.971	25
1,4-Dichlorobenzene	14.6	14.5	15.3	96	95	60-140	0.652	25
Dichlorodifluoromethane	15.2	17.1	12.5	121	137	60-140	12.0	25
1,1-Dichloroethane	10.6	10.5	10.3	103	102	60-140	1.22	25
1,2-Dichloroethane (1,2-DCA)	11.7	11.7	10.3	114	113	60-140	0.0680	25
1,1-Dichloroethene	10.2	10.1	10	102	101	60-140	1.06	25
cis-1,2-Dichloroethene	10.2	9.92	10	102	99	60-140	2.55	25
trans-1,2-Dichloroethene	10.1	10.2	10	101	102	60-140	0.415	25
1,2-Dichloropropane	11.7	11.7	11.8	99	99	60-140	0.0620	25
cis-1,3-Dichloropropene	11.2	11.1	11.5	97	96	60-140	0.780	25
trans-1,3-Dichloropropene	11.0	11.0	11.5	96	96	60-140	0.506	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	20.2	20.0	17.8	113	113	60-140	0.716	25
Diisopropyl ether (DIPE)	10.3	10.2	10.5	98	97	60-140	1.08	25
1,4-Dioxane	9.94	9.95	9.3	107	107	60-140	0.144	25
Ethanol	5.55	5.46	4.8	116	114	60-140	1.69	25

(Cont.)



Quality Control Report

Client: The Denali Group
Date Prepared: 08/14/2020
Date Analyzed: 08/14/2020
Instrument: GC29
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

WorkOrder: 2008437
BatchID: 203896
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ethyl acetate	9.57	9.56	9.3	103	103	60-140	0.0683	25
Ethyl tert-butyl ether (ETBE)	11.9	10.6	10.5	113	100	60-140	11.8	25
Ethylbenzene	9.77	9.77	11	89	89	60-140	0.0428	25
4-Ethyltoluene	11.4	11.5	12.5	91	92	60-140	0.921	25
Freon 113	21.2	21.0	19.5	109	108	60-140	0.675	25
Heptane	9.86	9.83	10.5	94	94	60-140	0.390	25
Hexachlorobutadiene	23.7	23.2	27	88	86	60-140	1.93	25
Hexachloroethane	11.3	11.4	24.6	46,F2	46,F2	60-140	1.40	25
Hexane	8.69	8.67	9	97	96	60-140	0.265	25
2-Hexanone	8.95	8.92	10.5	85	85	60-140	0.306	25
4-Methyl-2-pentanone (MIBK)	7.08	7.36	10.5	67	70	60-140	3.87	25
Methyl-t-butyl ether (MTBE)	9.52	9.58	9.3	102	103	60-140	0.714	25
Methylene chloride	8.39	8.47	8.8	95	96	60-140	0.930	25
Methyl methacrylate	10.6	10.7	10.4	102	103	60-140	1.34	25
Naphthalene	11.7	11.6	13.25	88	87	60-140	0.901	25
Styrene	9.72	9.59	10.8	90	89	60-140	1.41	25
1,1,1,2-Tetrachloroethane	15.5	15.5	17.5	89	89	60-140	0.0472	25
1,1,2,2-Tetrachloroethane	17.0	16.9	17.5	97	97	60-140	0.598	25
Tetrachloroethene	17.0	16.8	17.2	99	98	60-140	1.08	25
Tetrahydrofuran	6.59	6.64	7.5	88	89	60-140	0.813	25
Toluene	8.14	8.08	9.5	86	85	60-140	0.665	25
1,2,4-Trichlorobenzene	17.2	17.0	18.8	91	90	60-140	1.27	25
1,1,1-Trichloroethane	14.8	14.8	13.8	107	107	60-140	0.113	25
1,1,2-Trichloroethane	13.3	13.2	13.8	96	96	60-140	0.676	25
Trichloroethene	13.0	13.0	13.8	95	94	60-140	0.343	25
1,2,3-Trichloropropane	15.7	15.6	15.32	103	102	60-140	0.976	25
Trichlorofluoromethane	16.2	15.9	14.3	113	111	60-140	1.92	25
1,2,4-Trimethylbenzene	11.6	11.6	12.5	93	93	60-140	0.426	25
1,3,5-Trimethylbenzene	12.1	11.7	12.5	97	93	60-140	3.47	25
Vinyl Acetate	5.63	5.70	9	63	63	60-140	1.29	25
Vinyl Chloride	8.37	8.37	6.5	129	129	60-140	0.0521	25
m,p-Xylene	19.4	19.2	22	88	87	60-140	1.02	25
o-Xylene	10.3	10.2	11	94	93	60-140	0.675	25

(Cont.)



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008437
Date Prepared:	08/14/2020	BatchID:	203896
Date Analyzed:	08/14/2020	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	OL072-6.2; 1st & 2nd at Virginia St. San Jose	Sample ID:	MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
1,2-DCA-d4	647	644	500	129	129	70-130	0.445	25
Toluene-d8	526	523	500	105	105	70-130	0.590	25
4-BFB	533	525	500	107	105	70-130	1.50	25



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

☐ WaterTrax

☐ WriteOn

☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2008437
ClientCode: TDGP
QuoteID: 202705
☐ Excel

☐ EQuIS

☒ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

☐ Detection Summary

☐ Dry-Weight

Report to:

Bob Kuykendall

The Denali Group

2255 Morello Ave., Ste. 208

Pleasant Hill, CA 94523

(925) 602-2333 FAX: (925) 687-1258

Email: denaligp@ix.netcom.com

cc/3rd Party:

PO:

Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

Bill to:

Lorie

The Denali Group

2255 Morello Ave., Ste. 208

Pleasant Hill, CA 94523

denaligp@ix.netcom.com

**Requested TATs: 1 day;
5 days;**
Date Received: 08/11/2020
Date Logged: 08/11/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2008437-001	VS1-5	SoilGas	8/11/2020 11:10	☐	A	A	A	A								
2008437-002	VS3-5	SoilGas	8/11/2020 11:16	☐	A	A	A	A								
2008437-003	VS5-5	SoilGas	8/11/2020 11:50	☐	A	A	A	A								
2008437-004	VS6-5	SoilGas	8/11/2020 08:36	☐	A	A	A	A								
2008437-005	VS9-5	SoilGas	8/11/2020 12:31	☐	A	A	A	A								
2008437-006	VS10-5	SoilGas	8/11/2020 10:00	☐	A	A	A	A								

Test Legend:

1	ATMOSPHERICGAS_SG(%)
5	
9	

2	HELIUM_LC_SOILGAS(%)
6	
10	

3	LG_SUMMA_SOILGAS(%)
7	
11	

4	TO15_Scan-SIM_SOIL(UG/M3) [N]
8	
12	

Project Manager: Jennifer Lagerbom
Prepared by: Lilly Ortiz

The following SampleIDs: 001A, 002A, 003A, 004A, 005A, 006A contain testgroup TO15He_O2_CO2_Ch4_SG.

Comments:

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

WORK ORDER SUMMARY

Client Name: THE DENALI GROUP

Client Contact: Bob Kuykendall

Contact's Email: denaligp@ix.netcom.com

Project: OL072-6.2; 1st & 2nd at Virginia St. San Jose

Comments

Work Order: 2008437

QC Level: LEVEL 2

Date Logged: 8/11/2020

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2008437-001A	VS1-5	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	8/11/2020 11:10	5 days		☐	
2008437-002A	VS3-5	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	8/11/2020 11:16	5 days		☐	
2008437-003A	VS5-5	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	8/11/2020 11:50	5 days		☐	
2008437-004A	VS6-5	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	8/11/2020 8:36	1 day		☐	
2008437-005A	VS9-5	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	8/11/2020 12:31	5 days		☐	
2008437-006A	VS10-5	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	8/11/2020 10:00	5 days		☐	

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

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

RUSH

2008437

Laboratory Name: McCampbell Analytical Inc.
1534 Willow Pass Road
Pittsburg, CA 94565-1701
877) 252-9262

CHAIN-OF-CUSTODY

MJO Earthscience Services
PO Box 624
Los Gatos, CA 95031-0624
Phn: (831) 688-1007, MJOES@PACBELL.NET
Attn: Michael O'Leary

all others on 5 day FAT

Project No: OL072-6.2		Site Name and Address: 1 st & 2 nd at Virginia St. San Jose.				No. Containers	Analyses Requested										Preservatives	Turn Around Time And Remarks 24-Hour
Sampler (signature): <i>R. O'Kuyper</i>					Company: <i>MJO</i>					TO-15	Helium	O2	CO2	CH4				
Sample No.	Date 2020	Time	Air	Water	Location of Sample													
VS1-5	8-11	1101-1110	X		Alley by Wheel Works Off.	1	X	X	X								1L Summa	
VS1-10 <i>12</i>			X		Alley by Wheel Works Off.	1	X	X	X								1L Summa	
VS2-5			X		In Wheel Works Office	1	X	X	X								1L Summa	
VS2-10 <i>12</i>			X		In Wheel Works Office	1	X	X	X								1L Summa	
VS3-5	8-11	110-116	X		N. Corner 838 S. 1 st St.	1	X	X	X								1L Summa	
VS3-10 <i>12</i>			X		N. Corner 838 S. 1 st St.	1	X	X	X								1L Summa	
VS4-5			X		E. P/L 833 S. 2 nd St.	1	X	X	X								1L Summa	
VS5-5	8-11	1144-1158	X		831 S. 2 nd St.	1	X	X	X								1L Summa	
VS6-5	8-11	830-836	X		807 S. 2 nd St.	1	X	X	X								1L Summa <i>RUS</i>	
VS7-5			X		S. Corner 838 S. 1 st St.	1	X	X	X								1L Summa	
VS7-10 <i>12</i>			X		S. Corner 838 S. 1 st St.	1	X	X	X								1L Summa	
VS8-5			X		833 S. 2 nd St.	1	X	X	X								1L Summa	
VS9-5	8-11	1224-1231	X		833 S. 2 nd St.	1	X	X	X								1L Summa	
VS10-5	8-11	953-1000	X		Wheel Works Parking Area	1	X	X	X								1L Summa	
Relinquished by (signature): <i>R. O'Kuyper</i>		Date: 8/11/2020	Time: 3:05	Received by (signature): <i>L. O'Leary</i>		The following MUST be completed by the LABORATORY accepting samples: 1) Have all samples been stored on ice? <i>Send Bill to Denali Group</i> 2) Do any VOA containers have headspace? <i>Quote 202705</i> 3) Were samples intact and in proper containers? _____												
Relinquished by (signature):		Date:	Time:	Received by (signature):														
Relinquished by (signature):		Date:	Time:	Received for LABORATORY by (signature):														



Sample Receipt Checklist

Client Name: **The Denali Group**
Project: **OL072-6.2; 1st & 2nd at Virginia St. San Jose**
WorkOrder No: **2008437** Matrix: SoilGas
Carrier: Client Drop-In

Date and Time Received: **8/11/2020 15:05**
Date Logged: **8/11/2020**
Received by: Lilly Ortiz
Logged by: Lilly Ortiz

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

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

Sample/Temp Blank temperature	Temp:	NA ☒
Water - VOA vials have zero headspace / no bubbles?	Yes ☐ No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

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

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2008501

Report Created for: The Denali Group

2255 Morello Ave., Ste. 208
Pleasant Hill, CA 94523

Project Contact: Bob Kuykendall

Project P.O.:

Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

Project Received: 08/12/2020

Analytical Report reviewed & approved for release on 08/18/2020 by:

Jennifer Lagerbom
Project Manager

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





Glossary of Terms & Qualifier Definitions

Client: The Denali Group
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose
WorkOrder: 2008501

Glossary Abbreviation

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



Glossary of Terms & Qualifier Definitions

Client: The Denali Group
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose
WorkOrder: 2008501

Analytical Qualifiers

B Analyte detected in the associated Method Blank and in the sample
J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.

Quality Control Qualifiers

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



Case Narrative

Client: The Denali Group

Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

Work Order: 2008501

August 18, 2020

TO-15 ANALYSIS

All summa canisters are EVACUATED 5 days after the reporting of the results. Please call or email if a longer retention time is required.



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/13/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Atmospheric Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS2-5	2008501-001A	SoilGas	08/12/2020 07:47	GC26 0813200607.D	203887

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.69	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	15	0.40	1	08/13/2020 19:55

VS4-5	2008501-002A	SoilGas	08/12/2020 09:36	GC26 0813200609.D	203887

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.57	25.07	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	16	0.40	1	08/13/2020 20:16

VS7-5	2008501-003A	SoilGas	08/12/2020 08:42	GC26 0813200611.D	203887

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.79	25.64	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	12	0.40	1	08/13/2020 20:37



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/13/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Atmospheric Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS8-5	2008501-004A	SoilGas	08/12/2020 10:05	GC26 0813200613.D	203887

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.65	25.23	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	16	0.40	1	08/13/2020 20:58



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/13/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Helium

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS2-5	2008501-001A	SoilGas	08/12/2020 07:47	GC26 0813200103.D	203732

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.69	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	ND	0.050	1	08/13/2020 13:26

VS4-5	2008501-002A	SoilGas	08/12/2020 09:36	GC26 0813200105.D	203732

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.57	25.07	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	ND	0.050	1	08/13/2020 13:39

VS7-5	2008501-003A	SoilGas	08/12/2020 08:42	GC26 0813200107.D	203732

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.79	25.64	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	ND	0.050	1	08/13/2020 13:52



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/13/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Helium

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS8-5	2008501-004A	SoilGas	08/12/2020 10:05	GC26 0813200109.D	203732

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.65	25.23	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	0.050	0.050	1	08/13/2020 14:05



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Light Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS2-5	2008501-001A	SoilGas	08/12/2020 07:47	GC26 0814200137.D	203888

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.69	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Carbon Dioxide	4.8	B	0.16	40	08/14/2020 11:10
Methane	ND		0.00020	1	08/14/2020 07:26

VS4-5	2008501-002A	SoilGas	08/12/2020 09:36	GC26 0814200139.D	203888

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.57	25.07	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Carbon Dioxide	1.8	B	0.16	40	08/14/2020 11:31
Methane	ND		0.00020	1	08/14/2020 07:47

VS7-5	2008501-003A	SoilGas	08/12/2020 08:42	GC26 0814200141.D	203888

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.79	25.64	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Carbon Dioxide	11	B	0.16	40	08/14/2020 11:52
Methane	ND		0.00020	1	08/14/2020 08:08



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/14/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Light Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS8-5	2008501-004A	SoilGas	08/12/2020 10:05	GC26 0814200143.D	203888

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.65	25.23	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Carbon Dioxide	3.0	B	0.16	40	08/14/2020 12:13
Methane	ND		0.00020	1	08/14/2020 08:29



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS2-5	2008501-001A	SoilGas	08/12/2020 07:47	GC29 08132020.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.69	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	08/15/2020 00:02
Acrolein	ND	5.8	1	08/15/2020 00:02
Acrylonitrile	ND	1.1	1	08/15/2020 00:02
tert-Amyl methyl ether (TAME)	ND	2.1	1	08/15/2020 00:02
Benzene	ND	1.6	1	08/15/2020 00:02
Benzyl chloride	ND	2.6	1	08/15/2020 00:02
Bromodichloromethane	ND	1.4	1	08/15/2020 00:02
Bromoform	ND	5.2	1	08/15/2020 00:02
Bromomethane	ND	2.0	1	08/15/2020 00:02
1,3-Butadiene	ND	1.1	1	08/15/2020 00:02
2-Butanone (MEK)	ND	75	1	08/15/2020 00:02
t-Butyl alcohol (TBA)	ND	31	1	08/15/2020 00:02
Carbon Disulfide	ND	1.6	1	08/15/2020 00:02
Carbon Tetrachloride	ND	1.3	1	08/15/2020 00:02
Chlorobenzene	ND	2.4	1	08/15/2020 00:02
Chloroethane	ND	1.3	1	08/15/2020 00:02
Chloroform	ND	2.4	1	08/15/2020 00:02
Chloromethane	ND	1.0	1	08/15/2020 00:02
Cyclohexane	ND	18	1	08/15/2020 00:02
Dibromochloromethane	ND	4.4	1	08/15/2020 00:02
1,2-Dibromo-3-chloropropane	ND	0.12	1	08/15/2020 00:02
1,2-Dibromoethane (EDB)	ND	0.078	1	08/15/2020 00:02
1,2-Dichlorobenzene	ND	3.0	1	08/15/2020 00:02
1,3-Dichlorobenzene	ND	3.0	1	08/15/2020 00:02
1,4-Dichlorobenzene	ND	3.0	1	08/15/2020 00:02
Dichlorodifluoromethane	ND	2.5	1	08/15/2020 00:02
1,1-Dichloroethane	ND	2.0	1	08/15/2020 00:02
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	08/15/2020 00:02
1,1-Dichloroethene	ND	2.0	1	08/15/2020 00:02
cis-1,2-Dichloroethene	ND	2.0	1	08/15/2020 00:02
trans-1,2-Dichloroethene	ND	2.0	1	08/15/2020 00:02
1,2-Dichloropropane	ND	2.4	1	08/15/2020 00:02
cis-1,3-Dichloropropene	ND	2.3	1	08/15/2020 00:02
trans-1,3-Dichloropropene	ND	2.3	1	08/15/2020 00:02

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS2-5	2008501-001A	SoilGas	08/12/2020 07:47	GC29 08132020.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.69	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	08/15/2020 00:02
Diisopropyl ether (DIPE)	ND	2.1	1	08/15/2020 00:02
1,4-Dioxane	ND	1.8	1	08/15/2020 00:02
Ethanol	ND	96	1	08/15/2020 00:02
Ethyl acetate	ND	1.8	1	08/15/2020 00:02
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	08/15/2020 00:02
Ethylbenzene	12	2.2	1	08/15/2020 00:02
4-Ethyltoluene	4.0	2.5	1	08/15/2020 00:02
Freon 113	ND	3.9	1	08/15/2020 00:02
Heptane	ND	21	1	08/15/2020 00:02
Hexachlorobutadiene	ND	2.2	1	08/15/2020 00:02
Hexachloroethane	ND	2.0	1	08/15/2020 00:02
Hexane	ND	18	1	08/15/2020 00:02
2-Hexanone	ND	2.1	1	08/15/2020 00:02
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	08/15/2020 00:02
Methyl-t-butyl ether (MTBE)	ND	1.8	1	08/15/2020 00:02
Methylene chloride	ND	8.8	1	08/15/2020 00:02
Methyl methacrylate	ND	2.1	1	08/15/2020 00:02
Naphthalene	ND	2.6	1	08/15/2020 00:02
Styrene	ND	2.2	1	08/15/2020 00:02
1,1,1,2-Tetrachloroethane	ND	3.6	1	08/15/2020 00:02
1,1,2,2-Tetrachloroethane	ND	1.4	1	08/15/2020 00:02
Tetrachloroethene	ND	3.4	1	08/15/2020 00:02
Tetrahydrofuran	ND	3.0	1	08/15/2020 00:02
Toluene	27	1.9	1	08/15/2020 00:02
1,2,4-Trichlorobenzene	ND	3.8	1	08/15/2020 00:02
1,1,1-Trichloroethane	ND	2.8	1	08/15/2020 00:02
1,1,2-Trichloroethane	ND	2.8	1	08/15/2020 00:02
Trichloroethene	ND	2.8	1	08/15/2020 00:02
1,2,3-Trichloropropane	ND	3.1	1	08/15/2020 00:02
Trichlorofluoromethane	ND	2.8	1	08/15/2020 00:02
1,2,4-Trimethylbenzene	17	2.5	1	08/15/2020 00:02
1,3,5-Trimethylbenzene	7.4	2.5	1	08/15/2020 00:02
Vinyl Acetate	ND	18	1	08/15/2020 00:02

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS2-5	2008501-001A	SoilGas	08/12/2020 07:47	GC29 08132020.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.69	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	08/15/2020 00:02
m,p-Xylene	52	4.4	1	08/15/2020 00:02
o-Xylene	24	2.2	1	08/15/2020 00:02
Xylenes, Total	76	2.2	1	08/15/2020 00:02
Surrogates	REC (%)	Limits		
1,2-DCA-d4	115	70-130		08/15/2020 00:02
Toluene-d8	107	70-130		08/15/2020 00:02
4-BFB	107	70-130		08/15/2020 00:02



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS4-5	2008501-002A	SoilGas	08/12/2020 09:36	GC29 08132021.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.57	25.07	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	08/15/2020 00:45
Acrolein	ND	5.8	1	08/15/2020 00:45
Acrylonitrile	ND	1.1	1	08/15/2020 00:45
tert-Amyl methyl ether (TAME)	ND	2.1	1	08/15/2020 00:45
Benzene	ND	1.6	1	08/15/2020 00:45
Benzyl chloride	ND	2.6	1	08/15/2020 00:45
Bromodichloromethane	ND	1.4	1	08/15/2020 00:45
Bromoform	ND	5.2	1	08/15/2020 00:45
Bromomethane	ND	2.0	1	08/15/2020 00:45
1,3-Butadiene	ND	1.1	1	08/15/2020 00:45
2-Butanone (MEK)	ND	75	1	08/15/2020 00:45
t-Butyl alcohol (TBA)	ND	31	1	08/15/2020 00:45
Carbon Disulfide	ND	1.6	1	08/15/2020 00:45
Carbon Tetrachloride	ND	1.3	1	08/15/2020 00:45
Chlorobenzene	ND	2.4	1	08/15/2020 00:45
Chloroethane	ND	1.3	1	08/15/2020 00:45
Chloroform	ND	2.4	1	08/15/2020 00:45
Chloromethane	ND	1.0	1	08/15/2020 00:45
Cyclohexane	ND	18	1	08/15/2020 00:45
Dibromochloromethane	ND	4.4	1	08/15/2020 00:45
1,2-Dibromo-3-chloropropane	ND	0.12	1	08/15/2020 00:45
1,2-Dibromoethane (EDB)	ND	0.078	1	08/15/2020 00:45
1,2-Dichlorobenzene	ND	3.0	1	08/15/2020 00:45
1,3-Dichlorobenzene	ND	3.0	1	08/15/2020 00:45
1,4-Dichlorobenzene	ND	3.0	1	08/15/2020 00:45
Dichlorodifluoromethane	ND	2.5	1	08/15/2020 00:45
1,1-Dichloroethane	ND	2.0	1	08/15/2020 00:45
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	08/15/2020 00:45
1,1-Dichloroethene	ND	2.0	1	08/15/2020 00:45
cis-1,2-Dichloroethene	ND	2.0	1	08/15/2020 00:45
trans-1,2-Dichloroethene	ND	2.0	1	08/15/2020 00:45
1,2-Dichloropropane	ND	2.4	1	08/15/2020 00:45
cis-1,3-Dichloropropene	ND	2.3	1	08/15/2020 00:45
trans-1,3-Dichloropropene	ND	2.3	1	08/15/2020 00:45

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS4-5	2008501-002A	SoilGas	08/12/2020 09:36	GC29 08132021.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.57	25.07	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	08/15/2020 00:45
Diisopropyl ether (DIPE)	ND	2.1	1	08/15/2020 00:45
1,4-Dioxane	ND	1.8	1	08/15/2020 00:45
Ethanol	ND	96	1	08/15/2020 00:45
Ethyl acetate	ND	1.8	1	08/15/2020 00:45
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	08/15/2020 00:45
Ethylbenzene	ND	2.2	1	08/15/2020 00:45
4-Ethyltoluene	ND	2.5	1	08/15/2020 00:45
Freon 113	ND	3.9	1	08/15/2020 00:45
Heptane	ND	21	1	08/15/2020 00:45
Hexachlorobutadiene	ND	2.2	1	08/15/2020 00:45
Hexachloroethane	ND	2.0	1	08/15/2020 00:45
Hexane	ND	18	1	08/15/2020 00:45
2-Hexanone	ND	2.1	1	08/15/2020 00:45
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	08/15/2020 00:45
Methyl-t-butyl ether (MTBE)	ND	1.8	1	08/15/2020 00:45
Methylene chloride	ND	8.8	1	08/15/2020 00:45
Methyl methacrylate	ND	2.1	1	08/15/2020 00:45
Naphthalene	ND	2.6	1	08/15/2020 00:45
Styrene	ND	2.2	1	08/15/2020 00:45
1,1,1,2-Tetrachloroethane	ND	3.6	1	08/15/2020 00:45
1,1,2,2-Tetrachloroethane	ND	1.4	1	08/15/2020 00:45
Tetrachloroethene	ND	3.4	1	08/15/2020 00:45
Tetrahydrofuran	ND	3.0	1	08/15/2020 00:45
Toluene	ND	1.9	1	08/15/2020 00:45
1,2,4-Trichlorobenzene	ND	3.8	1	08/15/2020 00:45
1,1,1-Trichloroethane	ND	2.8	1	08/15/2020 00:45
1,1,2-Trichloroethane	ND	2.8	1	08/15/2020 00:45
Trichloroethene	ND	2.8	1	08/15/2020 00:45
1,2,3-Trichloropropane	ND	3.1	1	08/15/2020 00:45
Trichlorofluoromethane	ND	2.8	1	08/15/2020 00:45
1,2,4-Trimethylbenzene	ND	2.5	1	08/15/2020 00:45
1,3,5-Trimethylbenzene	ND	2.5	1	08/15/2020 00:45
Vinyl Acetate	ND	18	1	08/15/2020 00:45

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS4-5	2008501-002A	SoilGas	08/12/2020 09:36	GC29 08132021.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.57	25.07	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	08/15/2020 00:45
m,p-Xylene	ND	4.4	1	08/15/2020 00:45
o-Xylene	ND	2.2	1	08/15/2020 00:45
Xylenes, Total	ND	2.2	1	08/15/2020 00:45
Surrogates	REC (%)	Limits		
1,2-DCA-d4	116	70-130		08/15/2020 00:45
Toluene-d8	107	70-130		08/15/2020 00:45
4-BFB	105	70-130		08/15/2020 00:45



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS7-5	2008501-003A	SoilGas	08/12/2020 08:42	GC29 08172014.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.79	25.64	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND		60	1	08/17/2020 21:04
Acrolein	ND		5.8	1	08/17/2020 21:04
Acrylonitrile	ND		1.1	1	08/17/2020 21:04
tert-Amyl methyl ether (TAME)	ND		2.1	1	08/17/2020 21:04
Benzene	ND		1.6	1	08/17/2020 21:04
Benzyl chloride	ND		2.6	1	08/17/2020 21:04
Bromodichloromethane	ND		1.4	1	08/17/2020 21:04
Bromoform	ND		5.2	1	08/17/2020 21:04
Bromomethane	ND		2.0	1	08/17/2020 21:04
1,3-Butadiene	ND		1.1	1	08/17/2020 21:04
2-Butanone (MEK)	ND		75	1	08/17/2020 21:04
t-Butyl alcohol (TBA)	ND		31	1	08/17/2020 21:04
Carbon Disulfide	ND		1.6	1	08/17/2020 21:04
Carbon Tetrachloride	ND		1.3	1	08/17/2020 21:04
Chlorobenzene	ND		2.4	1	08/17/2020 21:04
Chloroethane	ND		1.3	1	08/17/2020 21:04
Chloroform	ND		2.4	1	08/17/2020 21:04
Chloromethane	ND		1.0	1	08/17/2020 21:04
Cyclohexane	ND		18	1	08/17/2020 21:04
Dibromochloromethane	ND		4.4	1	08/17/2020 21:04
1,2-Dibromo-3-chloropropane	ND		0.12	1	08/17/2020 21:04
1,2-Dibromoethane (EDB)	ND		0.078	1	08/17/2020 21:04
1,2-Dichlorobenzene	ND		3.0	1	08/17/2020 21:04
1,3-Dichlorobenzene	ND		3.0	1	08/17/2020 21:04
1,4-Dichlorobenzene	ND		3.0	1	08/17/2020 21:04
Dichlorodifluoromethane	ND		2.5	1	08/17/2020 21:04
1,1-Dichloroethane	ND		2.0	1	08/17/2020 21:04
1,2-Dichloroethane (1,2-DCA)	ND		2.0	1	08/17/2020 21:04
1,1-Dichloroethene	ND		2.0	1	08/17/2020 21:04
cis-1,2-Dichloroethene	ND		2.0	1	08/17/2020 21:04
trans-1,2-Dichloroethene	ND		2.0	1	08/17/2020 21:04
1,2-Dichloropropane	ND		2.4	1	08/17/2020 21:04
cis-1,3-Dichloropropene	ND		2.3	1	08/17/2020 21:04
trans-1,3-Dichloropropene	ND		2.3	1	08/17/2020 21:04

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS7-5	2008501-003A	SoilGas	08/12/2020 08:42	GC29 08172014.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.79	25.64	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		3.6	1	08/17/2020 21:04
Diisopropyl ether (DIPE)	ND		2.1	1	08/17/2020 21:04
1,4-Dioxane	ND		1.8	1	08/17/2020 21:04
Ethanol	ND		96	1	08/17/2020 21:04
Ethyl acetate	ND		1.8	1	08/17/2020 21:04
Ethyl tert-butyl ether (ETBE)	ND		2.1	1	08/17/2020 21:04
Ethylbenzene	ND		2.2	1	08/17/2020 21:04
4-Ethyltoluene	ND		2.5	1	08/17/2020 21:04
Freon 113	ND		3.9	1	08/17/2020 21:04
Heptane	ND		21	1	08/17/2020 21:04
Hexachlorobutadiene	ND		2.2	1	08/17/2020 21:04
Hexachloroethane	ND		2.0	1	08/17/2020 21:04
Hexane	92		18	1	08/17/2020 21:04
2-Hexanone	ND		2.1	1	08/17/2020 21:04
4-Methyl-2-pentanone (MIBK)	ND		2.1	1	08/17/2020 21:04
Methyl-t-butyl ether (MTBE)	ND		1.8	1	08/17/2020 21:04
Methylene chloride	ND		8.8	1	08/17/2020 21:04
Methyl methacrylate	ND		2.1	1	08/17/2020 21:04
Naphthalene	ND		2.6	1	08/17/2020 21:04
Styrene	ND		2.2	1	08/17/2020 21:04
1,1,1,2-Tetrachloroethane	ND		3.6	1	08/17/2020 21:04
1,1,2,2-Tetrachloroethane	ND		1.4	1	08/17/2020 21:04
Tetrachloroethene	39	B	3.4	1	08/17/2020 21:04
Tetrahydrofuran	ND		3.0	1	08/17/2020 21:04
Toluene	ND		1.9	1	08/17/2020 21:04
1,2,4-Trichlorobenzene	ND		3.8	1	08/17/2020 21:04
1,1,1-Trichloroethane	ND		2.8	1	08/17/2020 21:04
1,1,2-Trichloroethane	ND		2.8	1	08/17/2020 21:04
Trichloroethene	ND		2.8	1	08/17/2020 21:04
1,2,3-Trichloropropane	ND		3.1	1	08/17/2020 21:04
Trichlorofluoromethane	ND		2.8	1	08/17/2020 21:04
1,2,4-Trimethylbenzene	ND		2.5	1	08/17/2020 21:04
1,3,5-Trimethylbenzene	ND		2.5	1	08/17/2020 21:04
Vinyl Acetate	ND		18	1	08/17/2020 21:04

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS7-5	2008501-003A	SoilGas	08/12/2020 08:42	GC29 08172014.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.79	25.64	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Vinyl Chloride	ND		0.26	1	08/17/2020 21:04
m,p-Xylene	ND		4.4	1	08/17/2020 21:04
o-Xylene	ND		2.2	1	08/17/2020 21:04
Xylenes, Total	ND		2.2	1	08/17/2020 21:04
Surrogates	REC (%)		Limits		
1,2-DCA-d4	115		70-130		08/17/2020 21:04
Toluene-d8	108		70-130		08/17/2020 21:04
4-BFB	106		70-130		08/17/2020 21:04



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS8-5	2008501-004A	SoilGas	08/12/2020 10:05	GC29 08132023.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.65	25.23	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	08/15/2020 02:12
Acrolein	ND	5.8	1	08/15/2020 02:12
Acrylonitrile	ND	1.1	1	08/15/2020 02:12
tert-Amyl methyl ether (TAME)	ND	2.1	1	08/15/2020 02:12
Benzene	ND	1.6	1	08/15/2020 02:12
Benzyl chloride	ND	2.6	1	08/15/2020 02:12
Bromodichloromethane	ND	1.4	1	08/15/2020 02:12
Bromoform	ND	5.2	1	08/15/2020 02:12
Bromomethane	ND	2.0	1	08/15/2020 02:12
1,3-Butadiene	ND	1.1	1	08/15/2020 02:12
2-Butanone (MEK)	ND	75	1	08/15/2020 02:12
t-Butyl alcohol (TBA)	ND	31	1	08/15/2020 02:12
Carbon Disulfide	ND	1.6	1	08/15/2020 02:12
Carbon Tetrachloride	ND	1.3	1	08/15/2020 02:12
Chlorobenzene	ND	2.4	1	08/15/2020 02:12
Chloroethane	ND	1.3	1	08/15/2020 02:12
Chloroform	ND	2.4	1	08/15/2020 02:12
Chloromethane	ND	1.0	1	08/15/2020 02:12
Cyclohexane	ND	18	1	08/15/2020 02:12
Dibromochloromethane	ND	4.4	1	08/15/2020 02:12
1,2-Dibromo-3-chloropropane	ND	0.12	1	08/15/2020 02:12
1,2-Dibromoethane (EDB)	ND	0.078	1	08/15/2020 02:12
1,2-Dichlorobenzene	ND	3.0	1	08/15/2020 02:12
1,3-Dichlorobenzene	ND	3.0	1	08/15/2020 02:12
1,4-Dichlorobenzene	ND	3.0	1	08/15/2020 02:12
Dichlorodifluoromethane	3.3	2.5	1	08/15/2020 02:12
1,1-Dichloroethane	ND	2.0	1	08/15/2020 02:12
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	08/15/2020 02:12
1,1-Dichloroethene	ND	2.0	1	08/15/2020 02:12
cis-1,2-Dichloroethene	ND	2.0	1	08/15/2020 02:12
trans-1,2-Dichloroethene	ND	2.0	1	08/15/2020 02:12
1,2-Dichloropropane	ND	2.4	1	08/15/2020 02:12
cis-1,3-Dichloropropene	ND	2.3	1	08/15/2020 02:12
trans-1,3-Dichloropropene	ND	2.3	1	08/15/2020 02:12

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS8-5	2008501-004A	SoilGas	08/12/2020 10:05	GC29 08132023.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.65	25.23	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	08/15/2020 02:12
Diisopropyl ether (DIPE)	ND	2.1	1	08/15/2020 02:12
1,4-Dioxane	ND	1.8	1	08/15/2020 02:12
Ethanol	ND	96	1	08/15/2020 02:12
Ethyl acetate	ND	1.8	1	08/15/2020 02:12
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	08/15/2020 02:12
Ethylbenzene	ND	2.2	1	08/15/2020 02:12
4-Ethyltoluene	ND	2.5	1	08/15/2020 02:12
Freon 113	ND	3.9	1	08/15/2020 02:12
Heptane	ND	21	1	08/15/2020 02:12
Hexachlorobutadiene	ND	2.2	1	08/15/2020 02:12
Hexachloroethane	ND	2.0	1	08/15/2020 02:12
Hexane	ND	18	1	08/15/2020 02:12
2-Hexanone	ND	2.1	1	08/15/2020 02:12
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	08/15/2020 02:12
Methyl-t-butyl ether (MTBE)	ND	1.8	1	08/15/2020 02:12
Methylene chloride	ND	8.8	1	08/15/2020 02:12
Methyl methacrylate	ND	2.1	1	08/15/2020 02:12
Naphthalene	ND	2.6	1	08/15/2020 02:12
Styrene	ND	2.2	1	08/15/2020 02:12
1,1,1,2-Tetrachloroethane	ND	3.6	1	08/15/2020 02:12
1,1,2,2-Tetrachloroethane	ND	1.4	1	08/15/2020 02:12
Tetrachloroethene	ND	3.4	1	08/15/2020 02:12
Tetrahydrofuran	ND	3.0	1	08/15/2020 02:12
Toluene	ND	1.9	1	08/15/2020 02:12
1,2,4-Trichlorobenzene	ND	3.8	1	08/15/2020 02:12
1,1,1-Trichloroethane	ND	2.8	1	08/15/2020 02:12
1,1,2-Trichloroethane	ND	2.8	1	08/15/2020 02:12
Trichloroethene	ND	2.8	1	08/15/2020 02:12
1,2,3-Trichloropropane	ND	3.1	1	08/15/2020 02:12
Trichlorofluoromethane	ND	2.8	1	08/15/2020 02:12
1,2,4-Trimethylbenzene	ND	2.5	1	08/15/2020 02:12
1,3,5-Trimethylbenzene	ND	2.5	1	08/15/2020 02:12
Vinyl Acetate	ND	18	1	08/15/2020 02:12

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 08/12/2020 12:12
Date Prepared: 08/15/2020-08/17/2020
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS8-5	2008501-004A	SoilGas	08/12/2020 10:05	GC29 08132023.D	203896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.65	25.23	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	08/15/2020 02:12
m,p-Xylene	ND	4.4	1	08/15/2020 02:12
o-Xylene	ND	2.2	1	08/15/2020 02:12
Xylenes, Total	ND	2.2	1	08/15/2020 02:12
Surrogates	REC (%)	Limits		
1,2-DCA-d4	115	70-130		08/15/2020 02:12
Toluene-d8	107	70-130		08/15/2020 02:12
4-BFB	106	70-130		08/15/2020 02:12



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008501
Date Prepared:	08/13/2020	BatchID:	203887
Date Analyzed:	08/13/2020	Extraction Method:	ASTM D 1946-90
Instrument:	GC26	Analytical Method:	ASTM D 1946-90
Matrix:	SoilGas	Unit:	%
Project:	OL072-6.2; 1st & 2nd at Virginia St San Jose	Sample ID:	MB/LCS/LCSD-203887

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Oxygen	ND	0.0140	0.200	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Oxygen	1.69	1.70	2.1	80	81	70-130	0.523	20



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008501
Date Prepared:	08/13/2020	BatchID:	203732
Date Analyzed:	08/13/2020	Extraction Method:	ASTM D 1946-90
Instrument:	GC26	Analytical Method:	ASTM D 1946-90
Matrix:	Soilgas	Unit:	%
Project:	OL072-6.2; 1st & 2nd at Virginia St San Jose	Sample ID:	MB/LCS/LCSD-203732

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Helium	ND	0.0250	0.0250	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Helium	0.0909	0.0907	0.10	91	91	60-140	0.190	20



Quality Control Report

Client: The Denali Group
Date Prepared: 08/14/2020
Date Analyzed: 08/14/2020
Instrument: GC26
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
BatchID: 203888
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %
Sample ID: MB/LCS/LCSD-203888

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Carbon Dioxide	0.00120,J	0.0000850	0.00200	-	-	-
Methane	ND	0.0000300	0.000100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	0.0109	0.0109	0.010	109	109	70-130	0.351	20
Methane	0.00750	0.00741	0.010	75	74	70-130	1.09	20



Quality Control Report

Client: The Denali Group
Date Prepared: 08/14/2020
Date Analyzed: 08/14/2020
Instrument: GC29
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
BatchID: 203896
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	2.60	30.0	-	-	-
Acrolein	ND	0.280	2.90	-	-	-
Acrylonitrile	ND	0.140	0.550	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.550	1.00	-	-	-
Benzene	ND	0.160	0.800	-	-	-
Benzyl chloride	ND	0.150	1.30	-	-	-
Bromodichloromethane	ND	0.00950	0.700	-	-	-
Bromoform	ND	0.430	2.60	-	-	-
Bromomethane	ND	0.400	1.00	-	-	-
1,3-Butadiene	ND	0.120	0.550	-	-	-
2-Butanone (MEK)	ND	2.60	38.0	-	-	-
t-Butyl alcohol (TBA)	ND	14.0	16.0	-	-	-
Carbon Disulfide	ND	0.110	0.800	-	-	-
Carbon Tetrachloride	ND	0.00650	0.650	-	-	-
Chlorobenzene	ND	0.160	1.20	-	-	-
Chloroethane	ND	0.240	0.650	-	-	-
Chloroform	ND	0.00950	1.20	-	-	-
Chloromethane	ND	0.0650	0.500	-	-	-
Cyclohexane	ND	0.350	9.00	-	-	-
Dibromochloromethane	ND	0.0120	2.20	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0180	0.0600	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0390	0.0390	-	-	-
1,2-Dichlorobenzene	ND	0.250	1.50	-	-	-
1,3-Dichlorobenzene	ND	0.250	1.50	-	-	-
1,4-Dichlorobenzene	ND	0.200	1.50	-	-	-
Dichlorodifluoromethane	ND	0.120	1.20	-	-	-
1,1-Dichloroethane	ND	0.360	1.00	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0800	1.00	-	-	-
1,1-Dichloroethene	ND	0.190	1.00	-	-	-
cis-1,2-Dichloroethene	ND	0.150	1.00	-	-	-
trans-1,2-Dichloroethene	ND	0.150	1.00	-	-	-
1,2-Dichloropropane	ND	0.00850	1.20	-	-	-
cis-1,3-Dichloropropene	ND	0.0110	1.20	-	-	-
trans-1,3-Dichloropropene	ND	0.230	1.20	-	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.80	1.80	-	-	-
Diisopropyl ether (DIPE)	ND	0.0850	1.00	-	-	-
1,4-Dioxane	ND	0.150	0.900	-	-	-
Ethanol	ND	2.90	48.0	-	-	-

(Cont.)



Quality Control Report

Client: The Denali Group
Date Prepared: 08/14/2020
Date Analyzed: 08/14/2020
Instrument: GC29
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
BatchID: 203896
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Ethyl acetate	ND	0.110	0.900	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.340	1.00	-	-	-
Ethylbenzene	ND	0.130	1.10	-	-	-
4-Ethyltoluene	ND	0.0900	1.20	-	-	-
Freon 113	ND	0.300	2.00	-	-	-
Heptane	ND	0.0750	10.0	-	-	-
Hexachlorobutadiene	ND	0.190	1.10	-	-	-
Hexachloroethane	ND	1.00	1.00	-	-	-
Hexane	ND	0.120	9.00	-	-	-
2-Hexanone	ND	0.210	1.00	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.100	1.00	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.210	0.900	-	-	-
Methylene chloride	ND	0.340	4.40	-	-	-
Methyl methacrylate	ND	0.100	1.00	-	-	-
Naphthalene	ND	0.300	1.30	-	-	-
Styrene	ND	0.110	1.10	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.00500	1.80	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.0160	0.700	-	-	-
Tetrachloroethene	0.00970,J	0.00950	1.70	-	-	-
Tetrahydrofuran	ND	0.0800	1.50	-	-	-
Toluene	ND	0.120	0.950	-	-	-
1,2,4-Trichlorobenzene	ND	0.250	1.90	-	-	-
1,1,1-Trichloroethane	ND	0.250	1.40	-	-	-
1,1,2-Trichloroethane	ND	0.00700	1.40	-	-	-
Trichloroethene	ND	0.0140	1.40	-	-	-
1,2,3-Trichloropropane	ND	1.60	1.60	-	-	-
Trichlorofluoromethane	ND	0.210	1.40	-	-	-
1,2,4-Trimethylbenzene	ND	1.20	1.20	-	-	-
1,3,5-Trimethylbenzene	ND	0.150	1.20	-	-	-
Vinyl Acetate	ND	0.300	9.00	-	-	-
Vinyl Chloride	ND	0.0900	0.130	-	-	-
m,p-Xylene	ND	0.130	2.20	-	-	-
o-Xylene	ND	0.0900	1.10	-	-	-

(Cont.)



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008501
Date Prepared:	08/14/2020	BatchID:	203896
Date Analyzed:	08/14/2020	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	OL072-6.2; 1st & 2nd at Virginia St San Jose	Sample ID:	MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
1,2-DCA-d4	576			500	115	70-130
Toluene-d8	543			500	109	70-130
4-BFB	525			500	105	70-130



Quality Control Report

Client: The Denali Group
Date Prepared: 08/14/2020
Date Analyzed: 08/14/2020
Instrument: GC29
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
BatchID: 203896
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	5.84	5.75	6	97	96	60-140	1.66	25
Acrolein	4.99	5.05	5.8	86	87	60-140	1.18	25
Acrylonitrile	5.15	5.09	5.5	94	93	60-140	1.20	25
tert-Amyl methyl ether (TAME)	10.7	10.9	10.5	102	103	60-140	1.32	25
Benzene	8.92	8.86	8	111	111	60-140	0.601	25
Benzyl chloride	9.09	9.19	13.3	68	69	60-140	1.11	25
Bromodichloromethane	19.4	19.6	17.5	111	112	60-140	0.594	25
Bromoform	19.1	19.2	26.3	73	73	60-140	0.661	25
Bromomethane	12.5	12.4	9.8	127	126	60-140	0.841	25
1,3-Butadiene	7.42	7.30	5.5	135	133	60-140	1.71	25
2-Butanone (MEK)	7.68	7.74	7.5	102	103	60-140	0.781	25
t-Butyl alcohol (TBA)	7.08	7.08	7.8	91	91	60-140	0.0412	25
Carbon Disulfide	7.58	7.58	8	95	95	60-140	0.0437	25
Carbon Tetrachloride	15.5	15.6	16	97	97	60-140	0.567	25
Chlorobenzene	10.7	10.7	11.8	91	91	60-140	0.424	25
Chloroethane	8.01	7.13	6.8	118	105	60-140	11.7	25
Chloroform	13.9	14.0	12.3	113	114	60-140	0.822	25
Chloromethane	6.12	6.42	5.3	116	121	60-140	4.74	25
Cyclohexane	7.75	7.80	8.8	88	89	60-140	0.688	25
Dibromochloromethane	18.9	19.0	21.8	87	87	60-140	0.254	25
1,2-Dibromo-3-chloropropane	21.0	20.8	24.5	86	85	60-140	0.814	25
1,2-Dibromoethane (EDB)	18.4	18.4	19.5	94	94	60-140	0.442	25
1,2-Dichlorobenzene	14.2	14.2	15.3	93	93	60-140	0.277	25
1,3-Dichlorobenzene	14.6	14.4	15.3	95	94	60-140	0.971	25
1,4-Dichlorobenzene	14.6	14.5	15.3	96	95	60-140	0.652	25
Dichlorodifluoromethane	15.2	17.1	12.5	121	137	60-140	12.0	25
1,1-Dichloroethane	10.6	10.5	10.3	103	102	60-140	1.22	25
1,2-Dichloroethane (1,2-DCA)	11.7	11.7	10.3	114	113	60-140	0.0680	25
1,1-Dichloroethene	10.2	10.1	10	102	101	60-140	1.06	25
cis-1,2-Dichloroethene	10.2	9.92	10	102	99	60-140	2.55	25
trans-1,2-Dichloroethene	10.1	10.2	10	101	102	60-140	0.415	25
1,2-Dichloropropane	11.7	11.7	11.8	99	99	60-140	0.0620	25
cis-1,3-Dichloropropene	11.2	11.1	11.5	97	96	60-140	0.780	25
trans-1,3-Dichloropropene	11.0	11.0	11.5	96	96	60-140	0.506	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	20.2	20.0	17.8	113	113	60-140	0.716	25
Diisopropyl ether (DIPE)	10.3	10.2	10.5	98	97	60-140	1.08	25
1,4-Dioxane	9.94	9.95	9.3	107	107	60-140	0.144	25
Ethanol	5.55	5.46	4.8	116	114	60-140	1.69	25

(Cont.)



Quality Control Report

Client: The Denali Group
Date Prepared: 08/14/2020
Date Analyzed: 08/14/2020
Instrument: GC29
Matrix: SoilGas
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

WorkOrder: 2008501
BatchID: 203896
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ethyl acetate	9.57	9.56	9.3	103	103	60-140	0.0683	25
Ethyl tert-butyl ether (ETBE)	11.9	10.6	10.5	113	100	60-140	11.8	25
Ethylbenzene	9.77	9.77	11	89	89	60-140	0.0428	25
4-Ethyltoluene	11.4	11.5	12.5	91	92	60-140	0.921	25
Freon 113	21.2	21.0	19.5	109	108	60-140	0.675	25
Heptane	9.86	9.83	10.5	94	94	60-140	0.390	25
Hexachlorobutadiene	23.7	23.2	27	88	86	60-140	1.93	25
Hexachloroethane	11.3	11.4	24.6	46,F2	46,F2	60-140	1.40	25
Hexane	8.69	8.67	9	97	96	60-140	0.265	25
2-Hexanone	8.95	8.92	10.5	85	85	60-140	0.306	25
4-Methyl-2-pentanone (MIBK)	7.08	7.36	10.5	67	70	60-140	3.87	25
Methyl-t-butyl ether (MTBE)	9.52	9.58	9.3	102	103	60-140	0.714	25
Methylene chloride	8.39	8.47	8.8	95	96	60-140	0.930	25
Methyl methacrylate	10.6	10.7	10.4	102	103	60-140	1.34	25
Naphthalene	11.7	11.6	13.25	88	87	60-140	0.901	25
Styrene	9.72	9.59	10.8	90	89	60-140	1.41	25
1,1,1,2-Tetrachloroethane	15.5	15.5	17.5	89	89	60-140	0.0472	25
1,1,2,2-Tetrachloroethane	17.0	16.9	17.5	97	97	60-140	0.598	25
Tetrachloroethene	17.0	16.8	17.2	99	98	60-140	1.08	25
Tetrahydrofuran	6.59	6.64	7.5	88	89	60-140	0.813	25
Toluene	8.14	8.08	9.5	86	85	60-140	0.665	25
1,2,4-Trichlorobenzene	17.2	17.0	18.8	91	90	60-140	1.27	25
1,1,1-Trichloroethane	14.8	14.8	13.8	107	107	60-140	0.113	25
1,1,2-Trichloroethane	13.3	13.2	13.8	96	96	60-140	0.676	25
Trichloroethene	13.0	13.0	13.8	95	94	60-140	0.343	25
1,2,3-Trichloropropane	15.7	15.6	15.32	103	102	60-140	0.976	25
Trichlorofluoromethane	16.2	15.9	14.3	113	111	60-140	1.92	25
1,2,4-Trimethylbenzene	11.6	11.6	12.5	93	93	60-140	0.426	25
1,3,5-Trimethylbenzene	12.1	11.7	12.5	97	93	60-140	3.47	25
Vinyl Acetate	5.63	5.70	9	63	63	60-140	1.29	25
Vinyl Chloride	8.37	8.37	6.5	129	129	60-140	0.0521	25
m,p-Xylene	19.4	19.2	22	88	87	60-140	1.02	25
o-Xylene	10.3	10.2	11	94	93	60-140	0.675	25

(Cont.)



Quality Control Report

Client:	The Denali Group	WorkOrder:	2008501
Date Prepared:	08/14/2020	BatchID:	203896
Date Analyzed:	08/14/2020	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	OL072-6.2; 1st & 2nd at Virginia St San Jose	Sample ID:	MB/LCS/LCSD-203896

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
1,2-DCA-d4	647	644	500	129	129	70-130	0.445	25
Toluene-d8	526	523	500	105	105	70-130	0.590	25
4-BFB	533	525	500	107	105	70-130	1.50	25



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2008501

ClientCode: TDGP

QuoteID: 202705

☐ WaterTrax

☐ WriteOn

☐ EDF

☐ Excel

☐ EQuIS

☒ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

☐ Detection Summary

☐ Dry-Weight

Report to:

Bob Kuykendall
The Denali Group
2255 Morello Ave., Ste. 208
Pleasant Hill, CA 94523
(925) 602-2333 FAX: (925) 687-1258

Email: denaligp@ix.netcom.com
cc/3rd Party:
PO:
Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

Bill to:

Lorie
The Denali Group
2255 Morello Ave., Ste. 208
Pleasant Hill, CA 94523
denaligp@ix.netcom.com

Requested TAT: 5 days;

Date Received: 08/12/2020

Date Logged: 08/12/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2008501-001	VS2-5	SoilGas	8/12/2020 07:47	☐	A	A	A	A								
2008501-002	VS4-5	SoilGas	8/12/2020 09:36	☐	A	A	A	A								
2008501-003	VS7-5	SoilGas	8/12/2020 08:42	☐	A	A	A	A								
2008501-004	VS8-5	SoilGas	8/12/2020 10:05	☐	A	A	A	A								

Test Legend:

1	ATMOSPHERICGAS_SG(%)
5	
9	

2	HELIUM_LC_SOILGAS(%)
6	
10	

3	LG_SUMMA_SOILGAS(%)
7	
11	

4	TO15_Scan-SIM_SOIL(UG/M3) [N]
8	
12	

Project Manager: Angela Rydelius

Prepared by: Nancy Palacios

The following SampleIDs: 001A, 002A, 003A, 004A contain testgroup TO15He_O2_CO2_Ch4_SG.

Comments:

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

WORK ORDER SUMMARY

Client Name: THE DENALI GROUP

Client Contact: Bob Kuykendall

Contact's Email: denaligp@ix.netcom.com

Project: OL072-6.2; 1st & 2nd at Virginia St San Jose

Comments:

Work Order: 2008501

QC Level: LEVEL 2

Date Logged: 8/12/2020

☐ WaterTrax

☐ WriteOn

☐ EDF

☐ Excel

☐ EQUIS

☒ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2008501-001A	VS2-5	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	8/12/2020 7:47	5 days		☐	
2008501-002A	VS4-5	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	8/12/2020 9:36	5 days		☐	
2008501-003A	VS7-5	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	8/12/2020 8:42	5 days		☐	
2008501-004A	VS8-5	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	8/12/2020 10:05	5 days		☐	

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

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

2008501

Laboratory Name: McCampbell Analytical Inc. 1534 Willow Pass Road Pittsburg, CA 94565-1701 877) 252-9262						CHAIN-OF-CUSTODY						MJO Earthscience Services PO Box 624 Los Gatos, CA 95031-0624 Phn: (831) 688-1007, MJOES@PACBELL.NET Attn: Michael O'Leary									
Project No: OL072-6.2		Site Name and Address: 1 st & 2 nd at Virginia St. San Jose.				No. Containers	Analyses Requested										Turn Around Time And Remarks 5 day ~~24 Hour~~				
Sampler (signature): <i>R G Kuykendall</i>					Company																
Sample No.	Date 2020	Time	Air	Water	Location of Sample		TO-15	Helium	O2 CO2 CH4										Preservatives		
VS1-5			X		Alley by Wheel Works Off.	1	X	X	X									1L Summa			
VS1-10			X		Alley by Wheel Works Off.	1	X	X	X									1L Summa			
VS2-5	8/12/20	7:41-747	X		In Wheel Works Office	1	X	X	X									1L Summa			
VS2-10			X		In Wheel Works Office	1	X	X	X									1L Summa			
VS3-5			X		N. Corner 838 S. 1 st St.	1	X	X	X									1L Summa			
VS3-10			X		N. Corner 838 S. 1 st St.	1	X	X	X									1L Summa			
VS4-5	8/12/20	9:30-936	X		E. P/L 833 S. 2 nd St.	1	X	X	X									1L Summa			
VS5-5			X		831 S. 2 nd St.	1	X	X	X									1L Summa			
VS6-5			X		807 S. 2 nd St.	1	X	X	X									1L Summa			
VS7-5	8/12/20	8:36-842	X		S. Corner 838 S. 1 st St.	1	X	X	X									1L Summa			
VS7-10			X		S. Corner 838 S. 1 st St.	1	X	X	X									1L Summa			
VS8-5	8/12	9:59-10:05	X		833 S. 2 nd St.	1	X	X	X									1L Summa			
VS9-5			X		833 S. 2 nd St.	1	X	X	X									1L Summa			
VS10-5			X		Wheel Works Parking Area	1	X	X	X									1L Summa			
Relinquished by (signature): <i>R G Kuykendall</i>			Date 8/12/2020	Time 12:12	Received by (signature): <i>[Signature]</i> Company		The following MUST be completed by the LABORATORY accepting samples: 1) Have all samples been stored on ice? ____ 2) Do any VOA containers have headspace? ____ 3) Were samples intact and in proper containers? ____														
Relinquished by (signature):			Date	Time	Received by (signature): <i>[Signature]</i> Company																
Relinquished by (signature):			Date	Time	Received for LABORATORY by (signature):																



Sample Receipt Checklist

Client Name: **The Denali Group**
Project: **OL072-6.2; 1st & 2nd at Virginia St San Jose**
WorkOrder No: **2008501** Matrix: SoilGas
Carrier: Client Drop-In

Date and Time Received: **8/12/2020 12:12**
Date Logged: **8/12/2020**
Received by: Nancy Palacios
Logged by: Nancy Palacios

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

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

Sample/Temp Blank temperature	Temp:		NA ☒
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

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

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2009539

Report Created for: The Denali Group

2255 Morello Ave., Ste. 208
Pleasant Hill, CA 94523

Project Contact: Bob Kuykendall

Project P.O.:

Project: 2707; D'Amico 1st Street; San Jose, CA

Project Received: 09/10/2020

Analytical Report reviewed & approved for release on 09/18/2020 by:

Jennifer Lagerbom
Project Manager

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





Glossary of Terms & Qualifier Definitions

Client: The Denali Group
Project: 2707; D'Amico 1st Street; San Jose, CA
WorkOrder: 2009539

Glossary Abbreviation

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



Glossary of Terms & Qualifier Definitions

Client: The Denali Group
Project: 2707; D'Amico 1st Street; San Jose, CA
WorkOrder: 2009539

Analytical Qualifiers

J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.

Quality Control Qualifiers

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



Case Narrative

Client: The Denali Group
Project: 2707; D'Amico 1st Street; San Jose, CA

Work Order: 2009539
September 18, 2020

TO-15 ANALYSIS

All summa canisters are EVACUATED 5 days after the reporting of the results. Please call or email if a longer retention time is required.



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/15/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Atmospheric Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-12	2009539-001A	SoilGas	09/09/2020 08:30	GC26 0915200607.D	205753

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.88	25.78	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	9.6	0.40	1	09/15/2020 07:37

VS2-12	2009539-002A	SoilGas	09/09/2020 13:42	GC26 0915200609.D	205753

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.74	25.48	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	13	0.40	1	09/15/2020 07:58

VS3-12	2009539-003A	SoilGas	09/09/2020 09:45	GC26 0915200611.D	205753

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.66	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	15	0.40	1	09/15/2020 08:19



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/15/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Atmospheric Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS7-12	2009539-004A	SoilGas	09/09/2020 11:04	GC26 0915200613.D	205753

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.70	29.33	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	11	0.40	1	09/15/2020 08:41

VS6-9.5	2009539-005A	SoilGas	09/09/2020 15:54	GC26 0915200615.D	205753

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.71	25.42	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	15	0.40	1	09/15/2020 09:02

VS9-12	2009539-006A	SoilGas	09/09/2020 15:21	GC26 0915200617.D	205753

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.23	26.50	HK

Analytes	Result	RL	DE	Date Analyzed
Oxygen	16	0.40	1	09/15/2020 09:23



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/14/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Helium

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-12	2009539-001A	SoilGas	09/09/2020 08:30	GC26 0914200104.D	205749

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.88	25.78	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	ND	0.050	1	09/14/2020 13:58

VS2-12	2009539-002A	SoilGas	09/09/2020 13:42	GC26 0914200106.D	205749

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.74	25.48	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	ND	0.050	1	09/14/2020 14:11

VS3-12	2009539-003A	SoilGas	09/09/2020 09:45	GC26 0914200108.D	205749

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.66	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	ND	0.050	1	09/14/2020 14:24



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/14/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Helium

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS7-12	2009539-004A	SoilGas	09/09/2020 11:04	GC26 0914200110.D	205749

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.70	29.33	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	ND	0.050	1	09/14/2020 14:37

VS6-9.5	2009539-005A	SoilGas	09/09/2020 15:54	GC26 0914200112.D	205749

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.71	25.42	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	ND	0.050	1	09/14/2020 14:50

VS9-12	2009539-006A	SoilGas	09/09/2020 15:21	GC26 0914200114.D	205749

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.23	26.50	HK

Analytes	Result	RL	DE	Date Analyzed
Helium	0.074	0.050	1	09/14/2020 15:03



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/15/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Light Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-12	2009539-001A	SoilGas	09/09/2020 08:30	GC26 0915200101.D	205755

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.88	25.78	HK

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	9.6	0.16	40	09/15/2020 13:08
Methane	ND	0.0080	40	09/15/2020 13:08

VS2-12	2009539-002A	SoilGas	09/09/2020 13:42	GC26 0915200103.D	205755

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.74	25.48	HK

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	7.6	0.16	40	09/15/2020 13:29
Methane	ND	0.0080	40	09/15/2020 13:29

VS3-12	2009539-003A	SoilGas	09/09/2020 09:45	GC26 0915200105.D	205755

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.66	HK

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	4.5	0.16	40	09/15/2020 13:50
Methane	ND	0.0080	40	09/15/2020 13:50



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/15/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90
Unit: %

Light Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS7-12	2009539-004A	SoilGas	09/09/2020 11:04	GC26 0915200107.D	205755

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.70	29.33	HK

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	13	0.16	40	09/15/2020 14:11
Methane	ND	0.0080	40	09/15/2020 14:11

VS6-9.5	2009539-005A	SoilGas	09/09/2020 15:54	GC26 0915200109.D	205755

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.71	25.42	HK

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	2.1	0.16	40	09/15/2020 14:32
Methane	ND	0.0080	40	09/15/2020 14:32

VS9-12	2009539-006A	SoilGas	09/09/2020 15:21	GC26 0915200111.D	205755

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.23	26.50	HK

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	1.9	0.16	40	09/15/2020 14:53
Methane	ND	0.0080	40	09/15/2020 14:53



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-12	2009539-001A	SoilGas	09/09/2020 08:30	GC29 09152021.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.88	25.78	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	09/16/2020 08:16
Acrolein	ND	5.8	1	09/16/2020 08:16
Acrylonitrile	ND	1.1	1	09/16/2020 08:16
tert-Amyl methyl ether (TAME)	ND	2.1	1	09/16/2020 08:16
Benzene	ND	1.6	1	09/16/2020 08:16
Benzyl chloride	ND	2.6	1	09/16/2020 08:16
Bromodichloromethane	ND	1.4	1	09/16/2020 08:16
Bromoform	ND	5.2	1	09/16/2020 08:16
Bromomethane	ND	2.0	1	09/16/2020 08:16
1,3-Butadiene	ND	1.1	1	09/16/2020 08:16
2-Butanone (MEK)	ND	75	1	09/16/2020 08:16
t-Butyl alcohol (TBA)	ND	31	1	09/16/2020 08:16
Carbon Disulfide	ND	1.6	1	09/16/2020 08:16
Carbon Tetrachloride	ND	1.3	1	09/16/2020 08:16
Chlorobenzene	ND	2.4	1	09/16/2020 08:16
Chloroethane	ND	1.3	1	09/16/2020 08:16
Chloroform	ND	2.4	1	09/16/2020 08:16
Chloromethane	ND	1.0	1	09/16/2020 08:16
Cyclohexane	ND	18	1	09/16/2020 08:16
Dibromochloromethane	ND	4.4	1	09/16/2020 08:16
1,2-Dibromo-3-chloropropane	ND	0.12	1	09/16/2020 08:16
1,2-Dibromoethane (EDB)	ND	0.078	1	09/16/2020 08:16
1,2-Dichlorobenzene	ND	3.0	1	09/16/2020 08:16
1,3-Dichlorobenzene	ND	3.0	1	09/16/2020 08:16
1,4-Dichlorobenzene	ND	3.0	1	09/16/2020 08:16
Dichlorodifluoromethane	ND	2.5	1	09/16/2020 08:16
1,1-Dichloroethane	ND	2.0	1	09/16/2020 08:16
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	09/16/2020 08:16
1,1-Dichloroethene	ND	2.0	1	09/16/2020 08:16
cis-1,2-Dichloroethene	ND	2.0	1	09/16/2020 08:16
trans-1,2-Dichloroethene	ND	2.0	1	09/16/2020 08:16
1,2-Dichloropropane	ND	2.4	1	09/16/2020 08:16
cis-1,3-Dichloropropene	ND	2.3	1	09/16/2020 08:16
trans-1,3-Dichloropropene	ND	2.3	1	09/16/2020 08:16

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-12	2009539-001A	SoilGas	09/09/2020 08:30	GC29 09152021.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.88	25.78	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	09/16/2020 08:16
Diisopropyl ether (DIPE)	ND	2.1	1	09/16/2020 08:16
1,4-Dioxane	ND	1.8	1	09/16/2020 08:16
Ethanol	ND	96	1	09/16/2020 08:16
Ethyl acetate	ND	1.8	1	09/16/2020 08:16
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	09/16/2020 08:16
Ethylbenzene	ND	2.2	1	09/16/2020 08:16
4-Ethyltoluene	ND	2.5	1	09/16/2020 08:16
Freon 113	ND	3.9	1	09/16/2020 08:16
Heptane	ND	21	1	09/16/2020 08:16
Hexachlorobutadiene	ND	2.2	1	09/16/2020 08:16
Hexachloroethane	ND	2.0	1	09/16/2020 08:16
Hexane	210	180	10	09/16/2020 04:03
2-Hexanone	ND	2.1	1	09/16/2020 08:16
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	09/16/2020 08:16
Methyl-t-butyl ether (MTBE)	ND	1.8	1	09/16/2020 08:16
Methylene chloride	20	8.8	1	09/16/2020 08:16
Methyl methacrylate	ND	2.1	1	09/16/2020 08:16
Naphthalene	ND	2.6	1	09/16/2020 08:16
Styrene	ND	2.2	1	09/16/2020 08:16
1,1,1,2-Tetrachloroethane	ND	3.6	1	09/16/2020 08:16
1,1,2,2-Tetrachloroethane	ND	1.4	1	09/16/2020 08:16
Tetrachloroethene	7.4	3.4	1	09/16/2020 08:16
Tetrahydrofuran	ND	3.0	1	09/16/2020 08:16
Toluene	ND	1.9	1	09/16/2020 08:16
1,2,4-Trichlorobenzene	ND	3.8	1	09/16/2020 08:16
1,1,1-Trichloroethane	ND	2.8	1	09/16/2020 08:16
1,1,2-Trichloroethane	ND	2.8	1	09/16/2020 08:16
Trichloroethene	ND	2.8	1	09/16/2020 08:16
1,2,3-Trichloropropane	ND	3.1	1	09/16/2020 08:16
Trichlorofluoromethane	5.9	2.8	1	09/16/2020 08:16
1,2,4-Trimethylbenzene	ND	2.5	1	09/16/2020 08:16
1,3,5-Trimethylbenzene	ND	2.5	1	09/16/2020 08:16
Vinyl Acetate	ND	18	1	09/16/2020 08:16

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS1-12	2009539-001A	SoilGas	09/09/2020 08:30	GC29 09152021.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.88	25.78	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	09/16/2020 08:16
m,p-Xylene	ND	4.4	1	09/16/2020 08:16
o-Xylene	ND	2.2	1	09/16/2020 08:16
Xylenes, Total	ND	2.2	1	09/16/2020 08:16
Surrogates	REC (%)	Limits		
1,2-DCA-d4	115	70-130		09/16/2020 08:16
Toluene-d8	101	70-130		09/16/2020 08:16
4-BFB	105	70-130		09/16/2020 08:16



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS2-12	2009539-002A	SoilGas	09/09/2020 13:42	GC29 09152022.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.74	25.48	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	09/16/2020 08:59
Acrolein	ND	5.8	1	09/16/2020 08:59
Acrylonitrile	ND	1.1	1	09/16/2020 08:59
tert-Amyl methyl ether (TAME)	ND	2.1	1	09/16/2020 08:59
Benzene	ND	1.6	1	09/16/2020 08:59
Benzyl chloride	ND	2.6	1	09/16/2020 08:59
Bromodichloromethane	ND	1.4	1	09/16/2020 08:59
Bromoform	ND	5.2	1	09/16/2020 08:59
Bromomethane	ND	2.0	1	09/16/2020 08:59
1,3-Butadiene	ND	1.1	1	09/16/2020 08:59
2-Butanone (MEK)	ND	75	1	09/16/2020 08:59
t-Butyl alcohol (TBA)	ND	31	1	09/16/2020 08:59
Carbon Disulfide	ND	1.6	1	09/16/2020 08:59
Carbon Tetrachloride	ND	1.3	1	09/16/2020 08:59
Chlorobenzene	ND	2.4	1	09/16/2020 08:59
Chloroethane	ND	1.3	1	09/16/2020 08:59
Chloroform	ND	2.4	1	09/16/2020 08:59
Chloromethane	ND	1.0	1	09/16/2020 08:59
Cyclohexane	ND	18	1	09/16/2020 08:59
Dibromochloromethane	ND	4.4	1	09/16/2020 08:59
1,2-Dibromo-3-chloropropane	ND	0.12	1	09/16/2020 08:59
1,2-Dibromoethane (EDB)	ND	0.078	1	09/16/2020 08:59
1,2-Dichlorobenzene	ND	3.0	1	09/16/2020 08:59
1,3-Dichlorobenzene	ND	3.0	1	09/16/2020 08:59
1,4-Dichlorobenzene	ND	3.0	1	09/16/2020 08:59
Dichlorodifluoromethane	ND	2.5	1	09/16/2020 08:59
1,1-Dichloroethane	ND	2.0	1	09/16/2020 08:59
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	09/16/2020 08:59
1,1-Dichloroethene	ND	2.0	1	09/16/2020 08:59
cis-1,2-Dichloroethene	ND	2.0	1	09/16/2020 08:59
trans-1,2-Dichloroethene	ND	2.0	1	09/16/2020 08:59
1,2-Dichloropropane	ND	2.4	1	09/16/2020 08:59
cis-1,3-Dichloropropene	ND	2.3	1	09/16/2020 08:59
trans-1,3-Dichloropropene	ND	2.3	1	09/16/2020 08:59

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS2-12	2009539-002A	SoilGas	09/09/2020 13:42	GC29 09152022.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.74	25.48	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	09/16/2020 08:59
Diisopropyl ether (DIPE)	ND	2.1	1	09/16/2020 08:59
1,4-Dioxane	ND	1.8	1	09/16/2020 08:59
Ethanol	ND	96	1	09/16/2020 08:59
Ethyl acetate	ND	1.8	1	09/16/2020 08:59
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	09/16/2020 08:59
Ethylbenzene	ND	2.2	1	09/16/2020 08:59
4-Ethyltoluene	ND	2.5	1	09/16/2020 08:59
Freon 113	ND	3.9	1	09/16/2020 08:59
Heptane	ND	21	1	09/16/2020 08:59
Hexachlorobutadiene	ND	2.2	1	09/16/2020 08:59
Hexachloroethane	ND	2.0	1	09/16/2020 08:59
Hexane	ND	18	1	09/16/2020 08:59
2-Hexanone	ND	2.1	1	09/16/2020 08:59
4-Methyl-2-pentanone (MIBK)	ND	5.1	1	09/16/2020 08:59
Methyl-t-butyl ether (MTBE)	ND	1.8	1	09/16/2020 08:59
Methylene chloride	ND	8.8	1	09/16/2020 08:59
Methyl methacrylate	ND	2.1	1	09/16/2020 08:59
Naphthalene	ND	2.6	1	09/16/2020 08:59
Styrene	ND	2.2	1	09/16/2020 08:59
1,1,1,2-Tetrachloroethane	ND	3.6	1	09/16/2020 08:59
1,1,2,2-Tetrachloroethane	ND	1.4	1	09/16/2020 08:59
Tetrachloroethene	ND	3.4	1	09/16/2020 08:59
Tetrahydrofuran	ND	3.0	1	09/16/2020 08:59
Toluene	2.4	1.9	1	09/16/2020 08:59
1,2,4-Trichlorobenzene	ND	3.8	1	09/16/2020 08:59
1,1,1-Trichloroethane	ND	2.8	1	09/16/2020 08:59
1,1,2-Trichloroethane	ND	2.8	1	09/16/2020 08:59
Trichloroethene	ND	2.8	1	09/16/2020 08:59
1,2,3-Trichloropropane	ND	3.1	1	09/16/2020 08:59
Trichlorofluoromethane	ND	2.8	1	09/16/2020 08:59
1,2,4-Trimethylbenzene	9.0	2.5	1	09/16/2020 08:59
1,3,5-Trimethylbenzene	ND	2.5	1	09/16/2020 08:59
Vinyl Acetate	ND	18	1	09/16/2020 08:59

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS2-12	2009539-002A	SoilGas	09/09/2020 13:42	GC29 09152022.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.74	25.48	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	09/16/2020 08:59
m,p-Xylene	6.7	4.4	1	09/16/2020 08:59
o-Xylene	3.9	2.2	1	09/16/2020 08:59
Xylenes, Total	11	2.2	1	09/16/2020 08:59
Surrogates	REC (%)	Limits		
1,2-DCA-d4	114	70-130		09/16/2020 08:59
Toluene-d8	99	70-130		09/16/2020 08:59
4-BFB	104	70-130		09/16/2020 08:59



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS3-12	2009539-003A	SoilGas	09/09/2020 09:45	GC29 09152023.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.66	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	09/16/2020 09:42
Acrolein	ND	5.8	1	09/16/2020 09:42
Acrylonitrile	ND	1.1	1	09/16/2020 09:42
tert-Amyl methyl ether (TAME)	ND	2.1	1	09/16/2020 09:42
Benzene	ND	1.6	1	09/16/2020 09:42
Benzyl chloride	ND	2.6	1	09/16/2020 09:42
Bromodichloromethane	ND	1.4	1	09/16/2020 09:42
Bromoform	ND	5.2	1	09/16/2020 09:42
Bromomethane	ND	2.0	1	09/16/2020 09:42
1,3-Butadiene	ND	1.1	1	09/16/2020 09:42
2-Butanone (MEK)	ND	75	1	09/16/2020 09:42
t-Butyl alcohol (TBA)	ND	31	1	09/16/2020 09:42
Carbon Disulfide	1.6	1.6	1	09/16/2020 09:42
Carbon Tetrachloride	ND	1.3	1	09/16/2020 09:42
Chlorobenzene	ND	2.4	1	09/16/2020 09:42
Chloroethane	ND	1.3	1	09/16/2020 09:42
Chloroform	ND	2.4	1	09/16/2020 09:42
Chloromethane	ND	1.0	1	09/16/2020 09:42
Cyclohexane	ND	18	1	09/16/2020 09:42
Dibromochloromethane	ND	4.4	1	09/16/2020 09:42
1,2-Dibromo-3-chloropropane	ND	0.12	1	09/16/2020 09:42
1,2-Dibromoethane (EDB)	ND	0.078	1	09/16/2020 09:42
1,2-Dichlorobenzene	ND	3.0	1	09/16/2020 09:42
1,3-Dichlorobenzene	ND	3.0	1	09/16/2020 09:42
1,4-Dichlorobenzene	ND	3.0	1	09/16/2020 09:42
Dichlorodifluoromethane	ND	2.5	1	09/16/2020 09:42
1,1-Dichloroethane	ND	2.0	1	09/16/2020 09:42
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	09/16/2020 09:42
1,1-Dichloroethene	ND	2.0	1	09/16/2020 09:42
cis-1,2-Dichloroethene	ND	2.0	1	09/16/2020 09:42
trans-1,2-Dichloroethene	ND	2.0	1	09/16/2020 09:42
1,2-Dichloropropane	ND	2.4	1	09/16/2020 09:42
cis-1,3-Dichloropropene	ND	2.3	1	09/16/2020 09:42
trans-1,3-Dichloropropene	ND	2.3	1	09/16/2020 09:42

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS3-12	2009539-003A	SoilGas	09/09/2020 09:45	GC29 09152023.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.66	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	09/16/2020 09:42
Diisopropyl ether (DIPE)	ND	2.1	1	09/16/2020 09:42
1,4-Dioxane	ND	1.8	1	09/16/2020 09:42
Ethanol	ND	96	1	09/16/2020 09:42
Ethyl acetate	ND	1.8	1	09/16/2020 09:42
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	09/16/2020 09:42
Ethylbenzene	ND	2.2	1	09/16/2020 09:42
4-Ethyltoluene	ND	2.5	1	09/16/2020 09:42
Freon 113	ND	3.9	1	09/16/2020 09:42
Heptane	ND	21	1	09/16/2020 09:42
Hexachlorobutadiene	ND	2.2	1	09/16/2020 09:42
Hexachloroethane	ND	2.0	1	09/16/2020 09:42
Hexane	ND	18	1	09/16/2020 09:42
2-Hexanone	ND	2.1	1	09/16/2020 09:42
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	09/16/2020 09:42
Methyl-t-butyl ether (MTBE)	ND	1.8	1	09/16/2020 09:42
Methylene chloride	ND	8.8	1	09/16/2020 09:42
Methyl methacrylate	ND	2.1	1	09/16/2020 09:42
Naphthalene	ND	2.6	1	09/16/2020 09:42
Styrene	ND	2.2	1	09/16/2020 09:42
1,1,1,2-Tetrachloroethane	ND	3.6	1	09/16/2020 09:42
1,1,2,2-Tetrachloroethane	ND	1.4	1	09/16/2020 09:42
Tetrachloroethene	9.1	3.4	1	09/16/2020 09:42
Tetrahydrofuran	ND	3.0	1	09/16/2020 09:42
Toluene	ND	1.9	1	09/16/2020 09:42
1,2,4-Trichlorobenzene	ND	3.8	1	09/16/2020 09:42
1,1,1-Trichloroethane	ND	2.8	1	09/16/2020 09:42
1,1,2-Trichloroethane	ND	2.8	1	09/16/2020 09:42
Trichloroethene	ND	2.8	1	09/16/2020 09:42
1,2,3-Trichloropropane	ND	3.1	1	09/16/2020 09:42
Trichlorofluoromethane	5.5	2.8	1	09/16/2020 09:42
1,2,4-Trimethylbenzene	ND	2.5	1	09/16/2020 09:42
1,3,5-Trimethylbenzene	ND	2.5	1	09/16/2020 09:42
Vinyl Acetate	ND	18	1	09/16/2020 09:42

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS3-12	2009539-003A	SoilGas	09/09/2020 09:45	GC29 09152023.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.38	26.66	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	09/16/2020 09:42
m,p-Xylene	ND	4.4	1	09/16/2020 09:42
o-Xylene	ND	2.2	1	09/16/2020 09:42
Xylenes, Total	ND	2.2	1	09/16/2020 09:42
Surrogates	REC (%)	Limits		
1,2-DCA-d4	108	70-130		09/16/2020 09:42
Toluene-d8	101	70-130		09/16/2020 09:42
4-BFB	103	70-130		09/16/2020 09:42



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS7-12	2009539-004A	SoilGas	09/09/2020 11:04	GC29 09172007.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.70	29.33	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	09/17/2020 15:01
Acrolein	ND	5.8	1	09/17/2020 15:01
Acrylonitrile	ND	1.1	1	09/17/2020 15:01
tert-Amyl methyl ether (TAME)	ND	2.1	1	09/17/2020 15:01
Benzene	ND	1.6	1	09/17/2020 15:01
Benzyl chloride	ND	2.6	1	09/17/2020 15:01
Bromodichloromethane	ND	1.4	1	09/17/2020 15:01
Bromoform	ND	5.2	1	09/17/2020 15:01
Bromomethane	ND	2.0	1	09/17/2020 15:01
1,3-Butadiene	ND	1.1	1	09/17/2020 15:01
2-Butanone (MEK)	ND	75	1	09/17/2020 15:01
t-Butyl alcohol (TBA)	ND	31	1	09/17/2020 15:01
Carbon Disulfide	ND	1.6	1	09/17/2020 15:01
Carbon Tetrachloride	ND	1.3	1	09/17/2020 15:01
Chlorobenzene	ND	2.4	1	09/17/2020 15:01
Chloroethane	ND	1.3	1	09/17/2020 15:01
Chloroform	ND	2.4	1	09/17/2020 15:01
Chloromethane	3.6	1.0	1	09/17/2020 15:01
Cyclohexane	ND	18	1	09/17/2020 15:01
Dibromochloromethane	ND	4.4	1	09/17/2020 15:01
1,2-Dibromo-3-chloropropane	ND	0.12	1	09/17/2020 15:01
1,2-Dibromoethane (EDB)	ND	0.078	1	09/17/2020 15:01
1,2-Dichlorobenzene	ND	3.0	1	09/17/2020 15:01
1,3-Dichlorobenzene	ND	3.0	1	09/17/2020 15:01
1,4-Dichlorobenzene	ND	3.0	1	09/17/2020 15:01
Dichlorodifluoromethane	ND	2.5	1	09/17/2020 15:01
1,1-Dichloroethane	ND	2.0	1	09/17/2020 15:01
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	09/17/2020 15:01
1,1-Dichloroethene	ND	2.0	1	09/17/2020 15:01
cis-1,2-Dichloroethene	ND	2.0	1	09/17/2020 15:01
trans-1,2-Dichloroethene	ND	2.0	1	09/17/2020 15:01
1,2-Dichloropropane	ND	2.4	1	09/17/2020 15:01
cis-1,3-Dichloropropene	ND	2.3	1	09/17/2020 15:01
trans-1,3-Dichloropropene	ND	2.3	1	09/17/2020 15:01

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS7-12	2009539-004A	SoilGas	09/09/2020 11:04	GC29 09172007.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.70	29.33	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	09/17/2020 15:01
Diisopropyl ether (DIPE)	ND	2.1	1	09/17/2020 15:01
1,4-Dioxane	ND	1.8	1	09/17/2020 15:01
Ethanol	1100	380	4	09/16/2020 11:49
Ethyl acetate	2.7	1.8	1	09/17/2020 15:01
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	09/17/2020 15:01
Ethylbenzene	ND	2.2	1	09/17/2020 15:01
4-Ethyltoluene	ND	2.5	1	09/17/2020 15:01
Freon 113	ND	3.9	1	09/17/2020 15:01
Heptane	ND	21	1	09/17/2020 15:01
Hexachlorobutadiene	ND	2.2	1	09/17/2020 15:01
Hexachloroethane	ND	2.0	1	09/17/2020 15:01
Hexane	ND	18	1	09/17/2020 15:01
2-Hexanone	2.3	2.1	1	09/17/2020 15:01
4-Methyl-2-pentanone (MIBK)	ND	6.4	1	09/17/2020 15:01
Methyl-t-butyl ether (MTBE)	ND	1.8	1	09/17/2020 15:01
Methylene chloride	ND	8.8	1	09/17/2020 15:01
Methyl methacrylate	ND	2.1	1	09/17/2020 15:01
Naphthalene	ND	2.6	1	09/17/2020 15:01
Styrene	ND	2.2	1	09/17/2020 15:01
1,1,1,2-Tetrachloroethane	ND	3.6	1	09/17/2020 15:01
1,1,2,2-Tetrachloroethane	ND	1.4	1	09/17/2020 15:01
Tetrachloroethene	95	3.4	1	09/17/2020 15:01
Tetrahydrofuran	ND	3.0	1	09/17/2020 15:01
Toluene	ND	1.9	1	09/17/2020 15:01
1,2,4-Trichlorobenzene	ND	3.8	1	09/17/2020 15:01
1,1,1-Trichloroethane	ND	2.8	1	09/17/2020 15:01
1,1,2-Trichloroethane	ND	2.8	1	09/17/2020 15:01
Trichloroethene	ND	2.8	1	09/17/2020 15:01
1,2,3-Trichloropropane	ND	3.1	1	09/17/2020 15:01
Trichlorofluoromethane	ND	2.8	1	09/17/2020 15:01
1,2,4-Trimethylbenzene	ND	2.5	1	09/17/2020 15:01
1,3,5-Trimethylbenzene	ND	2.5	1	09/17/2020 15:01
Vinyl Acetate	ND	18	1	09/17/2020 15:01

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS7-12	2009539-004A	SoilGas	09/09/2020 11:04	GC29 09172007.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.70	29.33	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	09/17/2020 15:01
m,p-Xylene	ND	4.4	1	09/17/2020 15:01
o-Xylene	ND	2.2	1	09/17/2020 15:01
Xylenes, Total	ND	2.2	1	09/17/2020 15:01
Surrogates	REC (%)	Limits		
1,2-DCA-d4	113	70-130		09/17/2020 15:01
Toluene-d8	101	70-130		09/17/2020 15:01
4-BFB	106	70-130		09/17/2020 15:01



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS6-9.5	2009539-005A	SoilGas	09/09/2020 15:54	GC29 09152024.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.71	25.42	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	09/16/2020 10:25
Acrolein	ND	5.8	1	09/16/2020 10:25
Acrylonitrile	ND	1.1	1	09/16/2020 10:25
tert-Amyl methyl ether (TAME)	ND	2.1	1	09/16/2020 10:25
Benzene	11	1.6	1	09/16/2020 10:25
Benzyl chloride	ND	2.6	1	09/16/2020 10:25
Bromodichloromethane	ND	1.4	1	09/16/2020 10:25
Bromoform	ND	5.2	1	09/16/2020 10:25
Bromomethane	ND	2.0	1	09/16/2020 10:25
1,3-Butadiene	ND	1.1	1	09/16/2020 10:25
2-Butanone (MEK)	ND	75	1	09/16/2020 10:25
t-Butyl alcohol (TBA)	ND	31	1	09/16/2020 10:25
Carbon Disulfide	ND	1.6	1	09/16/2020 10:25
Carbon Tetrachloride	ND	1.3	1	09/16/2020 10:25
Chlorobenzene	ND	2.4	1	09/16/2020 10:25
Chloroethane	ND	1.3	1	09/16/2020 10:25
Chloroform	ND	2.4	1	09/16/2020 10:25
Chloromethane	ND	1.0	1	09/16/2020 10:25
Cyclohexane	ND	18	1	09/16/2020 10:25
Dibromochloromethane	ND	4.4	1	09/16/2020 10:25
1,2-Dibromo-3-chloropropane	ND	0.12	1	09/16/2020 10:25
1,2-Dibromoethane (EDB)	ND	0.078	1	09/16/2020 10:25
1,2-Dichlorobenzene	ND	3.0	1	09/16/2020 10:25
1,3-Dichlorobenzene	ND	3.0	1	09/16/2020 10:25
1,4-Dichlorobenzene	ND	3.0	1	09/16/2020 10:25
Dichlorodifluoromethane	ND	2.5	1	09/16/2020 10:25
1,1-Dichloroethane	ND	2.0	1	09/16/2020 10:25
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	09/16/2020 10:25
1,1-Dichloroethene	ND	2.0	1	09/16/2020 10:25
cis-1,2-Dichloroethene	ND	2.0	1	09/16/2020 10:25
trans-1,2-Dichloroethene	ND	2.0	1	09/16/2020 10:25
1,2-Dichloropropane	ND	2.4	1	09/16/2020 10:25
cis-1,3-Dichloropropene	ND	2.3	1	09/16/2020 10:25
trans-1,3-Dichloropropene	ND	2.3	1	09/16/2020 10:25

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS6-9.5	2009539-005A	SoilGas	09/09/2020 15:54	GC29 09152024.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.71	25.42	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	09/16/2020 10:25
Diisopropyl ether (DIPE)	ND	2.1	1	09/16/2020 10:25
1,4-Dioxane	ND	1.8	1	09/16/2020 10:25
Ethanol	ND	96	1	09/16/2020 10:25
Ethyl acetate	ND	1.8	1	09/16/2020 10:25
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	09/16/2020 10:25
Ethylbenzene	ND	2.2	1	09/16/2020 10:25
4-Ethyltoluene	ND	2.5	1	09/16/2020 10:25
Freon 113	ND	3.9	1	09/16/2020 10:25
Heptane	ND	21	1	09/16/2020 10:25
Hexachlorobutadiene	ND	2.2	1	09/16/2020 10:25
Hexachloroethane	ND	2.0	1	09/16/2020 10:25
Hexane	ND	18	1	09/16/2020 10:25
2-Hexanone	ND	2.1	1	09/16/2020 10:25
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	09/16/2020 10:25
Methyl-t-butyl ether (MTBE)	ND	1.8	1	09/16/2020 10:25
Methylene chloride	ND	8.8	1	09/16/2020 10:25
Methyl methacrylate	ND	2.1	1	09/16/2020 10:25
Naphthalene	ND	2.6	1	09/16/2020 10:25
Styrene	ND	2.2	1	09/16/2020 10:25
1,1,1,2-Tetrachloroethane	ND	3.6	1	09/16/2020 10:25
1,1,2,2-Tetrachloroethane	ND	1.4	1	09/16/2020 10:25
Tetrachloroethene	11	3.4	1	09/16/2020 10:25
Tetrahydrofuran	ND	3.0	1	09/16/2020 10:25
Toluene	7.1	1.9	1	09/16/2020 10:25
1,2,4-Trichlorobenzene	ND	3.8	1	09/16/2020 10:25
1,1,1-Trichloroethane	11	2.8	1	09/16/2020 10:25
1,1,2-Trichloroethane	ND	2.8	1	09/16/2020 10:25
Trichloroethene	ND	2.8	1	09/16/2020 10:25
1,2,3-Trichloropropane	ND	3.1	1	09/16/2020 10:25
Trichlorofluoromethane	ND	2.8	1	09/16/2020 10:25
1,2,4-Trimethylbenzene	ND	2.5	1	09/16/2020 10:25
1,3,5-Trimethylbenzene	ND	2.5	1	09/16/2020 10:25
Vinyl Acetate	ND	18	1	09/16/2020 10:25

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS6-9.5	2009539-005A	SoilGas	09/09/2020 15:54	GC29 09152024.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.71	25.42	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	09/16/2020 10:25
m,p-Xylene	ND	4.4	1	09/16/2020 10:25
o-Xylene	ND	2.2	1	09/16/2020 10:25
Xylenes, Total	ND	2.2	1	09/16/2020 10:25
Surrogates	REC (%)	Limits		
1,2-DCA-d4	107	70-130		09/16/2020 10:25
Toluene-d8	100	70-130		09/16/2020 10:25
4-BFB	103	70-130		09/16/2020 10:25



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS9-12	2009539-006A	SoilGas	09/09/2020 15:21	GC29 09152020.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.23	26.50	HK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	09/16/2020 07:33
Acrolein	ND	5.8	1	09/16/2020 07:33
Acrylonitrile	ND	1.1	1	09/16/2020 07:33
tert-Amyl methyl ether (TAME)	ND	2.1	1	09/16/2020 07:33
Benzene	6.9	1.6	1	09/16/2020 07:33
Benzyl chloride	ND	2.6	1	09/16/2020 07:33
Bromodichloromethane	ND	1.4	1	09/16/2020 07:33
Bromoform	ND	5.2	1	09/16/2020 07:33
Bromomethane	ND	2.0	1	09/16/2020 07:33
1,3-Butadiene	ND	1.1	1	09/16/2020 07:33
2-Butanone (MEK)	ND	75	1	09/16/2020 07:33
t-Butyl alcohol (TBA)	ND	31	1	09/16/2020 07:33
Carbon Disulfide	ND	1.6	1	09/16/2020 07:33
Carbon Tetrachloride	ND	1.3	1	09/16/2020 07:33
Chlorobenzene	ND	2.4	1	09/16/2020 07:33
Chloroethane	ND	1.3	1	09/16/2020 07:33
Chloroform	ND	2.4	1	09/16/2020 07:33
Chloromethane	ND	1.0	1	09/16/2020 07:33
Cyclohexane	ND	18	1	09/16/2020 07:33
Dibromochloromethane	ND	4.4	1	09/16/2020 07:33
1,2-Dibromo-3-chloropropane	1.7	0.12	1	09/16/2020 07:33
1,2-Dibromoethane (EDB)	0.15	0.078	1	09/16/2020 07:33
1,2-Dichlorobenzene	ND	3.0	1	09/16/2020 07:33
1,3-Dichlorobenzene	ND	3.0	1	09/16/2020 07:33
1,4-Dichlorobenzene	ND	3.0	1	09/16/2020 07:33
Dichlorodifluoromethane	ND	2.5	1	09/16/2020 07:33
1,1-Dichloroethane	ND	2.0	1	09/16/2020 07:33
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	09/16/2020 07:33
1,1-Dichloroethene	ND	2.0	1	09/16/2020 07:33
cis-1,2-Dichloroethene	ND	2.0	1	09/16/2020 07:33
trans-1,2-Dichloroethene	ND	2.0	1	09/16/2020 07:33
1,2-Dichloropropane	ND	2.4	1	09/16/2020 07:33
cis-1,3-Dichloropropene	ND	2.3	1	09/16/2020 07:33
trans-1,3-Dichloropropene	ND	2.3	1	09/16/2020 07:33

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS9-12	2009539-006A	SoilGas	09/09/2020 15:21	GC29 09152020.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.23	26.50	HK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	09/16/2020 07:33
Diisopropyl ether (DIPE)	ND	2.1	1	09/16/2020 07:33
1,4-Dioxane	ND	1.8	1	09/16/2020 07:33
Ethanol	200	96	1	09/16/2020 07:33
Ethyl acetate	ND	1.8	1	09/16/2020 07:33
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	09/16/2020 07:33
Ethylbenzene	ND	2.2	1	09/16/2020 07:33
4-Ethyltoluene	ND	2.5	1	09/16/2020 07:33
Freon 113	ND	3.9	1	09/16/2020 07:33
Heptane	ND	21	1	09/16/2020 07:33
Hexachlorobutadiene	ND	2.2	1	09/16/2020 07:33
Hexachloroethane	ND	2.0	1	09/16/2020 07:33
Hexane	ND	18	1	09/16/2020 07:33
2-Hexanone	ND	2.1	1	09/16/2020 07:33
4-Methyl-2-pentanone (MIBK)	4.5	2.1	1	09/16/2020 07:33
Methyl-t-butyl ether (MTBE)	ND	1.8	1	09/16/2020 07:33
Methylene chloride	ND	8.8	1	09/16/2020 07:33
Methyl methacrylate	ND	2.1	1	09/16/2020 07:33
Naphthalene	2.9	2.6	1	09/16/2020 07:33
Styrene	ND	2.2	1	09/16/2020 07:33
1,1,1,2-Tetrachloroethane	ND	3.6	1	09/16/2020 07:33
1,1,2,2-Tetrachloroethane	ND	1.4	1	09/16/2020 07:33
Tetrachloroethene	11	3.4	1	09/16/2020 07:33
Tetrahydrofuran	ND	3.0	1	09/16/2020 07:33
Toluene	6.4	1.9	1	09/16/2020 07:33
1,2,4-Trichlorobenzene	ND	3.8	1	09/16/2020 07:33
1,1,1-Trichloroethane	ND	2.8	1	09/16/2020 07:33
1,1,2-Trichloroethane	ND	2.8	1	09/16/2020 07:33
Trichloroethene	ND	2.8	1	09/16/2020 07:33
1,2,3-Trichloropropane	ND	3.1	1	09/16/2020 07:33
Trichlorofluoromethane	ND	2.8	1	09/16/2020 07:33
1,2,4-Trimethylbenzene	ND	2.5	1	09/16/2020 07:33
1,3,5-Trimethylbenzene	ND	2.5	1	09/16/2020 07:33
Vinyl Acetate	ND	18	1	09/16/2020 07:33

(Cont.)



Analytical Report

Client: The Denali Group
Date Received: 09/10/2020 10:29
Date Prepared: 09/16/2020-09/17/2020
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VS9-12	2009539-006A	SoilGas	09/09/2020 15:21	GC29 09152020.D	205738

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
13.23	26.50	HK

Analytes	Result	RL	DF	Date Analyzed
Vinyl Chloride	ND	0.26	1	09/16/2020 07:33
m,p-Xylene	ND	4.4	1	09/16/2020 07:33
o-Xylene	ND	2.2	1	09/16/2020 07:33
Xylenes, Total	ND	2.2	1	09/16/2020 07:33
Surrogates	REC (%)	Limits		
1,2-DCA-d4	119	70-130		09/16/2020 07:33
Toluene-d8	100	70-130		09/16/2020 07:33
4-BFB	106	70-130		09/16/2020 07:33



Quality Control Report

Client:	The Denali Group	WorkOrder:	2009539
Date Prepared:	09/15/2020	BatchID:	205753
Date Analyzed:	09/15/2020	Extraction Method:	ASTM D 1946-90
Instrument:	GC26	Analytical Method:	ASTM D 1946-90
Matrix:	SoilGas	Unit:	%
Project:	2707; D'Amico 1st Street; San Jose, CA	Sample ID:	MB/LCS/LCSD-205753

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Oxygen	ND	0.0140	0.200	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Oxygen	1.77	1.73	2.1	84	83	70-130	2.01	20



Quality Control Report

Client:	The Denali Group	WorkOrder:	2009539
Date Prepared:	09/14/2020	BatchID:	205749
Date Analyzed:	09/14/2020	Extraction Method:	ASTM D 1946-90
Instrument:	GC26	Analytical Method:	ASTM D 1946-90
Matrix:	Soilgas	Unit:	%
Project:	2707; D'Amico 1st Street; San Jose, CA	Sample ID:	MB/LCS/LCSD-205749

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Helium	ND	0.0250	0.0250	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Helium	0.0952	0.0948	0.10	95	95	60-140	0.456	20



Quality Control Report

Client:	The Denali Group	WorkOrder:	2009539
Date Prepared:	09/15/2020	BatchID:	205755
Date Analyzed:	09/15/2020	Extraction Method:	ASTM D 1946-90
Instrument:	GC26	Analytical Method:	ASTM D 1946-90
Matrix:	SoilGas	Unit:	%
Project:	2707; D'Amico 1st Street; San Jose, CA	Sample ID:	MB/LCS/LCSD-205755

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	0.0000850	0.00200	-	-	-
Methane	0.0000304,J	0.0000300	0.000100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	0.0109	0.0113	0.010	109	113	70-130	3.52	20
Methane	0.00764	0.00762	0.010	76	76	70-130	0.179	20



Quality Control Report

Client: The Denali Group
Date Prepared: 09/15/2020 - 09/16/2020
Date Analyzed: 09/15/2020 - 09/16/2020
Instrument: GC29
Matrix: SoilGas
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
BatchID: 205738
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-205738

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	2.60	30.0	-	-	-
Acrolein	ND	0.280	2.90	-	-	-
Acrylonitrile	ND	0.140	0.550	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.550	1.00	-	-	-
Benzene	ND	0.160	0.800	-	-	-
Benzyl chloride	ND	0.150	1.30	-	-	-
Bromodichloromethane	ND	0.00950	0.700	-	-	-
Bromoform	ND	0.430	2.60	-	-	-
Bromomethane	ND	0.400	1.00	-	-	-
1,3-Butadiene	ND	0.120	0.550	-	-	-
2-Butanone (MEK)	ND	2.60	38.0	-	-	-
t-Butyl alcohol (TBA)	ND	14.0	16.0	-	-	-
Carbon Disulfide	ND	0.110	0.800	-	-	-
Carbon Tetrachloride	ND	0.00650	0.650	-	-	-
Chlorobenzene	ND	0.160	1.20	-	-	-
Chloroethane	ND	0.240	0.650	-	-	-
Chloroform	ND	0.00950	1.20	-	-	-
Chloromethane	ND	0.0650	0.500	-	-	-
Cyclohexane	ND	0.350	9.00	-	-	-
Dibromochloromethane	ND	0.0120	2.20	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0180	0.0600	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0390	0.0390	-	-	-
1,2-Dichlorobenzene	ND	0.250	1.50	-	-	-
1,3-Dichlorobenzene	ND	0.250	1.50	-	-	-
1,4-Dichlorobenzene	ND	0.200	1.50	-	-	-
Dichlorodifluoromethane	ND	0.120	1.20	-	-	-
1,1-Dichloroethane	ND	0.360	1.00	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0800	1.00	-	-	-
1,1-Dichloroethene	ND	0.190	1.00	-	-	-
cis-1,2-Dichloroethene	ND	0.150	1.00	-	-	-
trans-1,2-Dichloroethene	ND	0.150	1.00	-	-	-
1,2-Dichloropropane	ND	0.00850	1.20	-	-	-
cis-1,3-Dichloropropene	ND	0.0110	1.20	-	-	-
trans-1,3-Dichloropropene	ND	0.230	1.20	-	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.80	1.80	-	-	-
Diisopropyl ether (DIPE)	ND	0.0850	1.00	-	-	-
1,4-Dioxane	ND	0.150	0.900	-	-	-
Ethanol	ND	2.90	48.0	-	-	-

(Cont.)



Quality Control Report

Client: The Denali Group
Date Prepared: 09/15/2020 - 09/16/2020
Date Analyzed: 09/15/2020 - 09/16/2020
Instrument: GC29
Matrix: SoilGas
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
BatchID: 205738
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-205738

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Ethyl acetate	ND	0.110	0.900	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.340	1.00	-	-	-
Ethylbenzene	ND	0.130	1.10	-	-	-
4-Ethyltoluene	ND	0.0900	1.20	-	-	-
Freon 113	ND	0.300	2.00	-	-	-
Heptane	ND	0.0750	10.0	-	-	-
Hexachlorobutadiene	ND	0.190	1.10	-	-	-
Hexachloroethane	ND	1.00	1.00	-	-	-
Hexane	ND	0.120	9.00	-	-	-
2-Hexanone	ND	0.210	1.00	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.100	1.00	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.210	0.900	-	-	-
Methylene chloride	ND	0.340	4.40	-	-	-
Methyl methacrylate	ND	0.100	1.00	-	-	-
Naphthalene	ND	0.300	1.30	-	-	-
Styrene	ND	0.110	1.10	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.00500	1.80	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.0160	0.700	-	-	-
Tetrachloroethene	ND	0.00950	1.70	-	-	-
Tetrahydrofuran	ND	0.0800	1.50	-	-	-
Toluene	ND	0.120	0.950	-	-	-
1,2,4-Trichlorobenzene	ND	0.250	1.90	-	-	-
1,1,1-Trichloroethane	ND	0.250	1.40	-	-	-
1,1,2-Trichloroethane	ND	0.00700	1.40	-	-	-
Trichloroethene	ND	0.0140	1.40	-	-	-
1,2,3-Trichloropropane	ND	1.60	1.60	-	-	-
Trichlorofluoromethane	ND	0.210	1.40	-	-	-
1,2,4-Trimethylbenzene	ND	1.20	1.20	-	-	-
1,3,5-Trimethylbenzene	ND	0.150	1.20	-	-	-
Vinyl Acetate	ND	0.300	9.00	-	-	-
Vinyl Chloride	ND	0.0900	0.130	-	-	-
m,p-Xylene	ND	0.130	2.20	-	-	-
o-Xylene	ND	0.0900	1.10	-	-	-

(Cont.)



Quality Control Report

Client:	The Denali Group	WorkOrder:	2009539
Date Prepared:	09/15/2020 - 09/16/2020	BatchID:	205738
Date Analyzed:	09/15/2020 - 09/16/2020	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	2707; D'Amico 1st Street; San Jose, CA	Sample ID:	MB/LCS/LCSD-205738

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
1,2-DCA-d4	530			500	106	70-130
Toluene-d8	505			500	101	70-130
4-BFB	504			500	101	70-130



Quality Control Report

Client: The Denali Group
Date Prepared: 09/15/2020 - 09/16/2020
Date Analyzed: 09/15/2020 - 09/16/2020
Instrument: GC29
Matrix: SoilGas
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
BatchID: 205738
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-205738

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	5.90	7.38	6	98	123	60-140	22.4	25
Acrolein	4.93	4.83	5.8	85	83	60-140	2.02	25
Acrylonitrile	5.13	5.24	5.5	93	95	60-140	2.13	25
tert-Amyl methyl ether (TAME)	10.0	9.95	10.5	95	95	60-140	0.605	25
Benzene	8.25	8.05	8	103	101	60-140	2.46	25
Benzyl chloride	11.1	11.3	13.3	84	85	60-140	1.25	25
Bromodichloromethane	18.9	18.8	17.5	108	108	60-140	0.518	25
Bromoform	23.9	23.6	26.3	91	90	60-140	1.05	25
Bromomethane	9.97	9.92	9.8	102	101	60-140	0.533	25
1,3-Butadiene	5.18	5.17	5.5	94	94	60-140	0.177	25
2-Butanone (MEK)	6.83	6.83	7.5	91	91	60-140	0.00189	25
t-Butyl alcohol (TBA)	7.33	6.99	7.8	94	90	60-140	4.72	25
Carbon Disulfide	7.99	7.93	8	100	99	60-140	0.761	25
Carbon Tetrachloride	16.4	16.3	16	102	102	60-140	0.236	25
Chlorobenzene	11.3	11.0	11.8	95	93	60-140	2.76	25
Chloroethane	6.99	7.02	6.8	103	103	60-140	0.475	25
Chloroform	12.6	12.3	12.3	102	100	60-140	2.06	25
Chloromethane	5.31	5.34	5.3	100	101	60-140	0.447	25
Cyclohexane	8.43	8.38	8.8	96	95	60-140	0.510	25
Dibromochloromethane	20.7	20.4	21.8	95	94	60-140	1.21	25
1,2-Dibromo-3-chloropropane	23.4	23.3	24.5	96	95	60-140	0.642	25
1,2-Dibromoethane (EDB)	20.4	19.9	19.5	105	102	60-140	2.20	25
1,2-Dichlorobenzene	14.0	13.7	15.3	91	90	60-140	1.81	25
1,3-Dichlorobenzene	13.6	13.5	15.3	89	88	60-140	0.855	25
1,4-Dichlorobenzene	14.8	14.6	15.3	97	96	60-140	1.29	25
Dichlorodifluoromethane	13.7	14.5	12.5	110	116	60-140	5.66	25
1,1-Dichloroethane	10.4	10.2	10.3	100	99	60-140	1.27	25
1,2-Dichloroethane (1,2-DCA)	10.0	10.0	10.3	98	97	60-140	0.259	25
1,1-Dichloroethene	9.17	9.13	10	92	91	60-140	0.451	25
cis-1,2-Dichloroethene	9.24	9.20	10	92	92	60-140	0.400	25
trans-1,2-Dichloroethene	9.19	9.05	10	92	90	60-140	1.55	25
1,2-Dichloropropane	11.2	11.0	11.8	95	94	60-140	1.22	25
cis-1,3-Dichloropropene	10.8	10.6	11.5	94	92	60-140	2.16	25
trans-1,3-Dichloropropene	11.5	11.3	11.5	100	98	60-140	1.57	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	18.5	18.9	17.8	104	106	60-140	1.91	25
Diisopropyl ether (DIPE)	9.86	9.76	10.5	94	93	60-140	1.01	25
1,4-Dioxane	8.92	8.89	9.3	96	96	60-140	0.332	25
Ethanol	4.12	4.40	4.8	86	92	60-140	6.68	25

(Cont.)



Quality Control Report

Client: The Denali Group
Date Prepared: 09/15/2020 - 09/16/2020
Date Analyzed: 09/15/2020 - 09/16/2020
Instrument: GC29
Matrix: SoilGas
Project: 2707; D'Amico 1st Street; San Jose, CA

WorkOrder: 2009539
BatchID: 205738
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-205738

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ethyl acetate	8.83	8.75	9.3	95	94	60-140	0.920	25
Ethyl tert-butyl ether (ETBE)	7.48	6.36	10.5	71	61	60-140	16.2	25
Ethylbenzene	10.4	10.3	11	94	93	60-140	1.11	25
4-Ethyltoluene	11.7	11.6	12.5	94	93	60-140	0.969	25
Freon 113	19.8	19.8	19.5	101	102	60-140	0.0651	25
Heptane	9.02	9.02	10.5	86	86	60-140	0.0891	25
Hexachlorobutadiene	27.6	27.3	27	102	101	60-140	1.22	25
Hexachloroethane	20.4	19.9	24.6	83	81	60-140	2.11	25
Hexane	8.84	8.82	9	98	98	60-140	0.334	25
2-Hexanone	9.79	9.67	10.5	93	92	60-140	1.27	25
4-Methyl-2-pentanone (MIBK)	18.2	17.5	10.5	173,F2	166,F2	60-140	3.81	25
Methyl-t-butyl ether (MTBE)	9.34	9.23	9.3	100	99	60-140	1.18	25
Methylene chloride	7.92	7.87	8.8	90	89	60-140	0.590	25
Methyl methacrylate	8.96	8.89	10.4	86	85	60-140	0.823	25
Naphthalene	12.6	12.8	13.25	95	96	60-140	1.03	25
Styrene	9.84	9.68	10.8	91	90	60-140	1.58	25
1,1,1,2-Tetrachloroethane	18.4	18.0	17.5	105	103	60-140	1.76	25
1,1,2,2-Tetrachloroethane	17.7	17.4	17.5	101	99	60-140	2.00	25
Tetrachloroethene	17.6	17.2	17.2	102	100	60-140	2.29	25
Tetrahydrofuran	7.16	7.10	7.5	96	95	60-140	0.873	25
Toluene	8.84	8.61	9.5	93	91	60-140	2.65	25
1,2,4-Trichlorobenzene	17.4	17.2	18.8	93	91	60-140	1.43	25
1,1,1-Trichloroethane	13.4	13.3	13.8	97	96	60-140	1.41	25
1,1,2-Trichloroethane	13.8	13.5	13.8	100	98	60-140	2.37	25
Trichloroethene	13.1	12.9	13.8	95	93	60-140	1.44	25
1,2,3-Trichloropropane	15.1	15.0	15.32	98	98	60-140	0.527	25
Trichlorofluoromethane	14.9	15.2	14.3	104	106	60-140	1.79	25
1,2,4-Trimethylbenzene	12.3	12.0	12.5	98	96	60-140	2.35	25
1,3,5-Trimethylbenzene	11.8	11.7	12.5	95	93	60-140	1.58	25
Vinyl Acetate	9.10	9.02	9	101	100	60-140	0.856	25
Vinyl Chloride	5.83	5.71	6.5	90	88	60-140	2.01	25
m,p-Xylene	20.7	20.3	22	94	92	60-140	2.10	25
o-Xylene	10.3	10.1	11	94	92	60-140	1.63	25

(Cont.)



Quality Control Report

Client:	The Denali Group	WorkOrder:	2009539
Date Prepared:	09/15/2020 - 09/16/2020	BatchID:	205738
Date Analyzed:	09/15/2020 - 09/16/2020	Extraction Method:	TO15
Instrument:	GC29	Analytical Method:	TO15
Matrix:	SoilGas	Unit:	µg/m ³
Project:	2707; D'Amico 1st Street; San Jose, CA	Sample ID:	MB/LCS/LCSD-205738

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
1,2-DCA-d4	526	540	500	105	108	70-130	2.53	25
Toluene-d8	503	503	500	101	101	70-130	0.0986	25
4-BFB	506	512	500	101	102	70-130	1.19	25



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

☐ WaterTrax

☐ WriteOn

☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2009539

ClientCode: TDGP

☐ Excel

☒ EQulS

☒ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

☒ Detection Summary

☒ Dry-Weight

Report to:

Bob Kuykendall
The Denali Group
2255 Morello Ave., Ste. 208
Pleasant Hill, CA 94523
(925) 570-9957 FAX: (925) 687-1258

Email: denaligp@ix.netcom.com

cc/3rd Party:

PO:

Project: 2707; D'Amico 1st Street; San Jose, CA

Bill to:

Lorie
The Denali Group
2255 Morello Ave., Ste. 208
Pleasant Hill, CA 94523
denaligp@ix.netcom.com

Requested TAT: 5 days;

Date Received: 09/10/2020

Date Logged: 09/11/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2009539-001	VS1-12	SoilGas	9/9/2020 08:30	☐	A	A	A	A								
2009539-002	VS2-12	SoilGas	9/9/2020 13:42	☐	A	A	A	A								
2009539-003	VS3-12	SoilGas	9/9/2020 09:45	☐	A	A	A	A								
2009539-004	VS7-12	SoilGas	9/9/2020 11:04	☐	A	A	A	A								
2009539-005	VS6-9.5	SoilGas	9/9/2020 15:54	☐	A	A	A	A								
2009539-006	VS9-12	SoilGas	9/9/2020 15:21	☐	A	A	A	A								

Test Legend:

1	ATMOSPHERICGAS_SG(%)
5	
9	

2	HELIUM_LC_SOILGAS(%)
6	
10	

3	LG_SUMMA_SOILGAS(%)
7	
11	

4	TO15GAS_Scan-SIM_SOIL(UG/M3)
8	
12	

Project Manager: Angela Rydelius

Prepared by: Nancy Palacios

The following SampleIDs: 001A, 002A, 003A, 004A, 005A, 006A contain testgroup TO15GAS only_He_O2_CO2_Ch4_SG.

Comments:

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

WORK ORDER SUMMARY

Client Name: THE DENALI GROUP

Client Contact: Bob Kuykendall

Contact's Email: denaligp@ix.netcom.com

Project: 2707; D'Amico 1st Street; San Jose, CA

Comments:

Work Order: 2009539

QC Level: LEVEL 2

Date Logged: 9/11/2020

☐ WaterTrax

☐ WriteOn

☐ EDF

☐ Excel

☒ EQUIS

☒ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2009539-001A	VS1-12	SoilGas	TO15-GAS w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	9/9/2020 8:30	5 days		☐	
2009539-002A	VS2-12	SoilGas	TO15-GAS w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	9/9/2020 13:42	5 days		☐	
2009539-003A	VS3-12	SoilGas	TO15-GAS w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	9/9/2020 9:45	5 days		☐	
2009539-004A	VS7-12	SoilGas	TO15-GAS w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	9/9/2020 11:04	5 days		☐	
2009539-005A	VS6-9.5	SoilGas	TO15-GAS w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	9/9/2020 15:54	5 days		☐	
2009539-006A	VS9-12	SoilGas	TO15-GAS w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	9/9/2020 15:21	5 days		☐	

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

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

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time	Comments / Instructions
Refugee M	9/10/2020	10:29	[Signature]	9/10/20	10:29	Helium should used • No duplicate due to defective cans ① leak ② valve could not be opened

Page 40 of 41



Sample Receipt Checklist

Client Name: **The Denali Group**
Project: **2707; D'Amico 1st Street; San Jose, CA**
WorkOrder No: **2009539** Matrix: SoilGas
Carrier: Client Drop-In

Date and Time Received: **9/10/2020 10:29**
Date Logged: **9/11/2020**
Received by: Tina Perez
Logged by: Nancy Palacios

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

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

Sample/Temp Blank temperature	Temp:		NA ☒
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

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

Comments: