CORNERSTONE EARTH GROUP

Date:	March 11, 2024
Project No.:	1353-1-5
Prepared For:	Mr. Steve Onishi **SAN JOSE BUDDHIST CHURCH BETSUIN** 640 North 5th Street San Jose, California 95112
Re:	Soil, Soil Vapor, and Groundwater Quality Evaluation 639 and 645 N 5th Street and 620, 624, and 642 N 4th Street San Jose, CA

Dear Mr. Onishi:

Cornerstone Earth Group (Cornerstone) is pleased to present this letter summarizing the results of the soil, soil vapor, and groundwater sampling performed at 639 and 645 N 5th Street and 620, 624, and 642 N 4th Street in San Jose, California (Site, Figures 1 and 2). This work was performed in accordance with our agreements with San Jose Buddhist Church Betsuin dated May 24, 2022 and June 30, 2023 (Agreements).

Project Background

The approximately 1.2-acre Site currently consists of the Lotus Preschool, a concrete parking lot, gravel lot, and residential buildings. San Jose Buddhist Church Betsuin is planning to redevelop the Site with a new classroom and multi-purpose building, storage and workshop building, playground, and surface parking lot. Based on Cornerstone's Phase I Environmental Site Assessment (ESA) dated May 3, 2022, the following potential environmental concerns were identified:

- The Site was used mainly for residential purposes. There is a potential that residual lead and pesticide concentrations could remain in on-Site soil resulting from existing and/or prior on-Site structures that were painted with lead-containing paint or treated with pesticides to control termites.

- A former dry-cleaning business was identified approximately 100 feet southeast of the Site, up-gradient with respect to the anticipated groundwater flow direction.

- A former Leaking Underground Storage Tank (LUST) case was identified approximately 130 feet southeast of the Site. The LUST case was closed in 2019, but residual petroleum hydrocarbon concentrations remain in the area, including beneath the Site. Prior to granting case closure, a permanent soil vapor well (SG-3) associated with the former LUST case was located at the Site. The soil vapor well was sampled semiannually between 2012 and 2014. The samples were analyzed for volatile organic compounds (VOCs) and fixed gases. The data presented in the 2014 soil vapor monitoring report indicated that benzene concentrations were not detected above laboratory reporting limits. The location of SG-3 and the associated monitoring data is shown in Figure 4.

Purpose

The purpose of the soil, soil vapor, and groundwater sampling presented in this letter is to evaluate the potential environmental concerns identified in Cornerstone's Phase I ESA.

Subsurface Investigation

Exploratory Borings

On June 20, 2022, Cornerstone's field engineer directed a subsurface investigation and advanced 13 exploratory borings (SB-1 to SB-13) to an approximate depth of 5 feet. Exploratory borings SB-1, SB-2 and SB-3 were converted to temporary soil vapor probes SV-1, SV-2 and SV-3, respectively. Co-located borings were advanced adjacent to probes SV-1, SV-2, and SV-3 to install soil vapor probes at an approximate depth of 9 feet. An additional co-located boring was advanced to an approximate depth of 20 feet at location SB-1 to collect a grab groundwater sample.

On September 20, 2023, Cornerstone returned to the Site to advance 19 additional borings at or near prior locations SB-3, SB-8, and SB-12, to better define the vertical and lateral extent of the lead-impacted soil encountered in these areas. Additionally, the shallow and deep soil vapor probes at location SV-2 were re-installed because the original probes could not be located. The boring locations are provided in Figure 2.

Borings were advanced using direct push technology equipped with a Dual Wall Sampling System and were continuously logged in general accordance with the Unified Soil Classification System (ASTM D-2487). The Dual Wall Sampling System is comprised of two main components: an exterior steel casing and an inner sample barrel. The outer casing has a 2-inch outer diameter (OD) and a 1.5-inch inner diameter (ID). The sample barrel is 5 feet in length with a 1.375 inch outside diameter (OD) and a 1-inch inner diameter (ID). The Dual Wall sample barrel was loaded with a 5-foot acetate liner and installed inside the outer casing. The outer drive casing and inner sample barrel was hydraulically pushed to a depth of approximately 5 feet. As these tools were advanced, the inner sampling barrel collected the soil core sample. This sampler was then retrieved while the outer casing remained in place, protecting the integrity of the hole. A new sampler then was lowered into place and advanced another 5 feet to collect the next soil sample. This process continued until the desired depth was reached.

Subsurface Materials

Cornerstone's field engineer logged the borings in general accordance with the Unified Soil Classification System (USCS) and recorded observations on the boring logs attached to this letter. The upper approximately 2 to 6 feet of surface materials consisted of fill, generally characterized as brown sandy clay with some fine to medium subangular gravels; some brick fragments were also observed in the fill. The fill was underlain by brown silty sand and brown lean clay with fine to medium sand extending to approximately 9 feet. Brown clayey/silty sand was observed between approximate depths of 9 and 15 feet. Groundwater was initially observed in the retrieved soil core at an approximate depth of 13 feet. At the end of drilling, groundwater was measured at an approximate depth of 12 feet. The water-bearing zone was underlain by dark brown to gray lean clay that extended to an approximate depth of 20 feet.

Organic Vapor Monitory (OVM) Readings

Soil samples retrieved from selected borings were monitored with a MiniRAE 3000 Organic Vapor Meter (OVM) at approximately 2-foot intervals to record VOC vapors. Organic vapor readings did not exceed 0.2 ppm_v (parts per million by volume). No discolored or stained soil was observed in the soil samples.

Vapor Probe Construction

The single-depth subsurface probes consisted of porous stainless-steel expendable vapor tips installed at approximate depths of 5 and 9 feet below surface grade with screens affixed to Teflon tubing. The probes were constructed by first placing approximately 2 inches of coarse aquarium sand into the bottom of the borehole using a tremie pipe. The stainless-steel tip and tubing were lowered into the borehole via a tremie pipe. Additional sand is then placed in the borehole via tremie to create an approximately 1-foot sand pack interval around the vapor tip. Approximately ½-foot of granular bentonite (Benseal™) was placed on top of the sand pack via the tremie pipe. The remainder of the borehole was sealed to the surface utilizing hydrated bentonite. The Teflon tubing was labeled with depth of placement and capped with a vapor tight Swagelok tube cap.

Soil Sample Collection and Analysis

Soil samples were collected from borings SB-1 to SB-13 from a 6-inch depth interval in the upper approximate 1½ feet of fill, and from various deeper intervals between approximate depths 2 and 5½ feet. The samples were collected in clean (unused) acetate liners, ends of the soil samples were covered in a Teflon film, fitted with plastic end caps, and labeled with a unique sample identification number. Soil samples were placed in an ice-chilled cooler and transported to a state-certified laboratory under chain of custody documentation.

Near-surface soil samples were analyzed for organochlorine pesticides (OCPs, EPA Test Method 8081) and total lead (EPA Test Method 6010B). Based on the results, selected samples were additionally analyzed for soluble lead using Soluble Threshold Limit Concentration (STLC) and/or Toxicity Characteristic Leaching Procedure (TCLP) extraction techniques. Deeper soil samples collected from borings SB-3, SB-8, and SB-12 and their associated step-out borings were analyzed for a combination of total and soluble lead.

To assist in evaluating if a bioattenuation zone is present at the Site, soil samples from the upper approximate five feet from borings SB-1 through SB-3 were additionally analyzed for total petroleum hydrocarbons (TPH) in the gasoline range (TPHg) by EPA Test Method 8260, TPH in the diesel range (TPHd) by EPA Test Method 8015, and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Test Method 8260.

Soil Vapor Sample Collection and Analysis

Soil vapor samples were collected from the vapor probes on June 22, 2022, and January 16, 2024. The tubing emanating from the vapor probes was affixed to a sample shutoff valve in the “off” position during the time needed to reach equilibrium. A 167 milliliters-per-minute flow regulator inclusive of particulate filter was fitted to the shutoff valve and the other end to a “T” fitting. One end of the “T” was connected to the sampling summa canister. The other end of the “T” was affixed to a digital vacuum gauge and a 1-liter summa canister utilized for purging.

A minimum 10-minute vacuum tightness test was performed on the manifold and connections by opening and closing the 6-liter purge canister valve and applying and monitoring a vacuum on the vacuum gauge. The sample shut-off valve on the downhole side of the sampling manifold remained in the "off" position. When the gauge vacuum had maintained for at least 10 minutes without any noticeable decrease (less than approximately 0.1 inches of mercury (Hg) for properly connected fittings), purging began. The downhole shut off valve was opened, and three pore volumes were removed utilizing the purging summa. Purge volumes of vapor were removed and verified by the calculated pressure drop in the 6-liter summa canister utilized for purging. The purge volume was calculated based on the length and inner diameter of the sampling probe and the connected sampling tubing and equipment. Assuming the vapor probe was properly sealed, the borehole sand pack vapor space equilibrated with the surrounding vapors following the 48-hour equilibration period. Thus, the sand pack vapor space was not included in the purge volume calculation.

Isopropyl alcohol was utilized as a leak detection compound during sampling by applying between 6 to 10 drops to cotton gauze and placing the moistened gauze near the borehole. Sampling began by opening the summa canister valve. Immediately upon opening the sampling valve, a shroud was placed over and enclosed the atmosphere of the borehole and entire sampling train including all connections.

Sampling continued until the vacuum gauge indicated approximately 10 inches of Hg remaining. A datalogging organic vapor meter (OVM) utilized during sampling to monitor the atmosphere inside the shroud through a bulkhead fitting. The logged data (at minimum 1-minute intervals) was corrected to parts per million by volume isopropyl alcohol concentrations and utilized to evaluate the integrity of the sampling train. To confirm the isopropyl alcohol atmosphere, one confirmation sample was collected from the shroud atmosphere through the sampling port of the OVM.

The six soil vapor samples were analyzed for VOCs (EPA Test Method TO-15), total petroleum hydrocarbons as gasoline (TPHg, EPA Test Method TO-15), and fixed gases (methane, carbon dioxide, and oxygen by ASTM Test Method D1946). In addition, one air sample was collected from the shroud atmosphere and analyzed for isopropyl alcohol.

Groundwater Sample Collection and Analysis

A groundwater grab sample was collected from boring SB-1 to evaluate groundwater quality. A section of slotted polyvinyl chloride (PVC) slotted pipe was lowered into the boring to facilitate sample collection. The groundwater grab sample (GW-1) was collected using a stainless steel check valve and new Teflon tubing. The grab sample was collected in appropriate containers and labeled with the sample ID, project number, date, and time of collection. Samples were placed in an ice-chilled cooler and transported to a state-certified laboratory with chain of custody documentation. The groundwater samples were analyzed for VOCs and TPHg (EPA Test Method 8260b).

Discussion of Analytical Results

Data summary tables, analytical data sheets, and chain of custody documentation are attached to this letter. A summary of the analytical results is provided below.

Soil Analytical Results

Cornerstone compared detected contaminants to residential direct exposure Environmental Screening Levels (ESLs, Water Board, 2019). The soil results were also compared to Total and Soluble Threshold Limit Concentrations (TTLC/STLC[1]) and Toxicity Characteristic Leaching Procedure (TCLP) hazardous waste criteria which are relevant for evaluating waste disposal options. A summary of the results is provided below:

- Lead was detected in 50 of 50 soil samples analyzed at concentrations ranging from 4.2 milligrams per kilogram (mg/kg) to 1,610 mg/kg. Twenty-two of the detections exceeded the residential ESL of 80 mg/kg. The detection at SB-3 of 1,610 mg/kg also exceeded its TTLC of 1,000 mg/kg.

  STLC lead was detected at concentrations ranging from 0.839 mg/L to 18.9 mg/L with four samples exceeding 5 mg/L.

  TCLP lead was detected in 4 of 5 samples at concentrations ranging from 0.6 mg/L to 1.6 mg/L.

  The distribution of lead near locations SB-3, SB-8, and SB-12 is presented in Figure 3.

- As shown in Table 2, OCP compounds were either not detected above laboratory reporting limits, or detected below their respective residential ESL.

- As shown in Table 3, TPH and BTEX compounds were detected in samples collected from the upper approximately 4½ feet at concentrations below their respective residential ESLs. Note that residential ESLs are more conservative than the screening levels in the Low-Threat Closure Policy.

Soil Vapor Analytical Results

The analytical results of the soil vapor samples were compared to residential ESLs. If an ESL was not established, residential indoor air Regional Screening Levels (RSLs, last updated November 2023) published by the USEPA Region 9 with an attenuation factor (AF) of 0.03 applied was used for comparison purposes. A summary of the results is provided below:

- As shown on Table 4, benzene concentrations exceeded its residential ESL of 3.2 µg/m^3 in two samples, SV-1-9 (13 µg/m^3), and SV-2-5 (4.3 µg/m^3) collected during the June 2022 sampling event, but were not detected above laboratory reporting limits during the January 2024 sampling event. Benzene concentrations are shown in Figure 4.

- Naphthalene concentrations exceeded its residential ESL of 2.8 µg/m^3 in one sample, SV-2-5 (4.2 µg/m^3), collected during the June 2022 sampling event, but were not detected above laboratory reporting limits during the January 2024 sampling event. Naphthalene concentrations are shown in Figure 4.

- Other VOCs in soil vapor were detected at concentrations below their respective residential screening level.

[1] TTLC/STLC concentrations are used to determine if a waste is characterized as a hazardous waste in the state of California.

- Oxygen concentrations in the soil vapor samples ranged from 18 to 22 percent (%). The criteria in the Low Threat Closure Policy to establish a bioattenuation zone is 4%.

Soil Vapor Sample Integrity

On June 22, 2022, a shroud sample was collected at soil vapor probe SV-3 (5 feet). Immediately upon opening the valve to the 1-liter sample Summa canister, a shroud was placed over and enclosed the atmosphere of the borehole and the entire sampling train including all connections for sample integrity evaluation purposes. Isopropyl alcohol (2-propanol, 91 percent) was utilized as a leak detection compound during sampling by applying between four and six drops to a cotton gauze and placing the moistened gauze near the borehole beneath the shroud. The concentration of isopropyl alcohol was monitored during sampling with a data logging OVM. Analysis of soil vapor samples SV-3-5 detected 2-propanol at 87 µg/m^3.

To help confirm the sampling trains were sufficiently tight and the soil vapor data is representative of subsurface conditions, one confirmation sample of the shroud atmosphere was collected from the exhaust port of the OVM and into a 1-liter summa canister during sampling at subsurface soil vapor location SV-3-5. Laboratory analyses of the shroud atmosphere sample detected isopropyl alcohol (*i.e.*, 2-propanol) at 950,000 µg/m^3. During the same sampling time period, 2-propanol levels within the shroud atmosphere were measured by the OVM to range from 83,610 µg/m^3 to 258,055 µg/m^3 with an average concentration of approximately 180,600 µg/m^3. The OVM appeared to underestimate the shroud atmosphere.

The detected concentration of 2-propanol in soil vapor sample SV-3-5 was 87 µg/m^3 and the average concentration as measured by the OVM was 180,639 µg/m^3, sample SV-3-5 would have a maximum possible leakage rate of less than 0.05 percent (%).

The highest concentration of 2-propanol in soil vapor was detected in sample SV-3-5 at 1,600 µg/m^3. During the same sampling time period, 2-propanol levels within the shroud atmosphere were measured by the OVM to range from 34,063 µg/m^3 to 124,899 µg/m^3 with an average concentration of approximately 88,000 µg/m^3, sample SV-3-9 would have a maximum leakage rate of approximately 1.8%. The maximum possible leakage rate from SV-3-5 and SV-3-9 is below the Department of Toxic Substances Control (DTSC) recommended upper limit of 5%, indicating that the sample trains were sufficiently tight, and no significant leakage occurred.

On January 16, 2024, similar leak detection protocols were followed at sample location SV-1-5. Laboratory analyses of the shroud atmosphere sample detected isopropyl alcohol (*i.e.*, 2-propanol) at 31,000 µg/m^3. During the same sampling time period, 2-propanol levels within the shroud atmosphere were measured by the OVM to range from 1,982,651 µg/m^3 to 3,841,385 µg/m^3 with an average concentration of approximately 2,602,229 µg/m^3. The laboratory sample appeared to underestimate 2-propanol concentrations in the shroud atmosphere. Based on the data, the maximum leakage rate was estimated to be 0.032 percent. This analysis indicates the sampling trains appeared sufficiently tight for representative sub-slab air sample collection, and no significant leakage occurred.

Groundwater Analytical Results

VOCs and TPHg were not detected above their respective laboratory reporting limits in the grab groundwater sample collected from boring SB-1.

Conclusions and Recommendations

General Soil Quality

During this investigation, soil sampling was performed to evaluate potential impacts associated with prior agricultural uses and residential structures that may have been painted with lead-based paint. Laboratory analyses of the soil samples did not detect OCPs above their respective ESLs, indicating that prior agricultural uses have not significantly impacted soil quality.

Lead was detected above its residential ESL at or near borings SB-3, SB-8, and SB-12. Based on the data collected to date, the extent of the lead impact is not fully defined in these areas; however, it appears to be limited to the fill observed in the upper approximate 3 to 5 feet. The source of the elevated lead is not known but may be related to prior on-Site structures that were painted with lead-containing paint and/or undocumented fill.

Prior to redevelopment, we recommend soil sampling be performed to better define the extent of lead-impacted soil near locations SB-3, SB-9, and SB-12. Remedial measures appear required to manage impacted soil in these areas to limit potential health risks to future Site occupants and/or construction workers. Possible options to address the lead-impacted soil include:

1) Excavation and off-Site disposal of the impacted soil at a permitted facility;

2) The use of engineering and administrative controls, such as consolidation and capping of the soil on-Site and land use covenants restricting certain activities/uses; and

3) A combination of the above.

The selected risk management / remedial activities at the Site will require oversight by an appropriate regulatory agency, such as the Water Board, DTSC, or the Santa Clara County Department of Environmental Health (County Health). A Site Management Plan presenting the protocols to be followed during construction should be prepared and provided to the selected oversight agency for their approval.

General Soil Vapor Quality

Concentrations of benzene and/or naphthalene exceeding their respective residential ESLs were detected in soil vapor samples collected from vapor probes SV-1 (9 feet) and SV-2 (5 feet) collected on June 22, 2022. More recent data collected in January 2024 did not detect VOCs above residential ESLs. The probable source of the benzene/naphthalene in soil vapor is likely associated with residual petroleum hydrocarbons in groundwater and/or the overlying capillary zone resulting from releases related to the closed fuel leak case located in the up-gradient groundwater flow direction relative to the Site.

The reported oxygen concentrations in the soil vapor samples were 18 to 22 percent, indicating an aerobic subsurface environment. Methane, which can indicate anaerobic conditions, was not detected above the laboratory reporting limit.

Petroleum hydrocarbons and related VOCs such as benzene and naphthalene readily biodegrade under aerobic conditions. Residential ESLs do not take into account the potential for biodegradation of petroleum hydrocarbons or petroleum-related VOCs; however, the 2019

ESL User's Guide and Department of Toxic Substance Control (DTSC) Supplemental Guidance: Screening and Evaluating Vapor Intrusion document (DTSC, 2023) indicate that a bioattenuation factor of 1,000 can be applied to the ESLs if a bioattenuation zone is present. Similar measures are described in the Low-Threat Closure Policy for LUST cases. A bioattenuation zone generally must meet the following criteria:

1) Aerobic conditions (oxygen greater than 4 percent);

2) Combined TPHg/d concentrations less than 100 mg/kg in soil; and

3) A continuous zone that provides a minimum 5 feet vertical separation between impacted groundwater and/or capillary zone and the foundation of the planned building.

The Site conditions meet the requirements of a bioattenuation zone and the application of the 1,000-fold bioattenuation factor appears appropriate. The resulting screening levels are shown in Table 4. Based on the data and the presence of a bioattenuation zone at the Site, the likelihood that petroleum vapor intrusion will pose a significant human health risk to future occupants appears low.

General Groundwater Quality

During this investigation, a grab groundwater sample was collected from boring SB-1 to help evaluate potential impacts, if any, from a former nearby dry-cleaning business. Laboratory analyses of the grab groundwater sample did not VOCs or TPHg above laboratory reporting limits.

Closing

This letter, an instrument of professional service, was prepared for the sole use of San Jose Buddhist Church Betsuin and may not be reproduced or distributed without written authorization from Cornerstone. The chemical data presented in this letter may change over time and are only valid for this time and location. Cornerstone makes no warranty, expressed or implied, except that our services have been performed in accordance with the environmental principles generally accepted at this time and location.

Should you have any questions regarding this letter, or if we may be of further service, please contact us at your convenience.

Sincerely,

Cornerstone Earth Group, Inc.

Michael F. Chang, P.E.
Senior Project Engineer

Kurt M. Soenen, P.E.
Senior Principal Engineer

Attachments: Figures
Data Tables
Boring Logs
Laboratory Reports and Chain of Custody Records

CORNERSTONE EARTH GROUP

Vicinity Map

SJBCB New Education Building
639/645 North 5th Street and
620/624/642 North 4th Street
San Jose, CA

Project Number	1353-1-5
Figure Number	Figure 1
Date	October 2023
Drawn By	RRN

SB-10
SB-9
SB-11
SB-12-10N
SB-12
SB-12-20W
SB-12-20E
SB-12-10W
SB-12-10E
SB-12-10S
SB-13
GW/SV/SB-1
SV/SB-2
SB-8-10N
SB-8
SB-8-10W
SB-8-10S
SB-8-20S
SB-6
SB-7
SB-5
SB-4
SB-3-20NW
SB-3-10N
SB-3-20NE
SB-3-10W
SB-3-10E
SV/SB-3
SB-3-10S
Approximate Site Boundary
North 4th Street
North 5th Street
642
639
629
624
620
619
649
645
631
625
623

Legend

- Approximate location of step-out boring (SB) to 10 feet for lead
- Approximate location of step-out boring (SB) to 20 feet for lead
- Approximate location of sample for TPHg and BTEX
- Approximate location of sample for TPHg, BTEX, and lead
- Approximate location of soil boring (SB) to 5 feet (Cornerstone, June 2022)
- Approximate location of soil vapor/soil boring (SV/SB) to 10 feet (Cornerstone, June 2022)
- Approximate location of groundwater/soil vapor/soil boring to 20 feet (Cornerstone, June 2022)

Base by Google Earth, dated 03/10/2022
Overlay by EDR, Sanborn Map, EDR Inquiry: 6908733.3, dated 1950

N

0 30 60
APPROXIMATE SCALE (FEET)

Site Plan - 1950 Sanborn Map

SJBCB New Education Building
639/645 North 5th Street and
620/624/642 North 4th Street
San Jose, CA

Project Number	Figure Number	Drawn By
1353-1-5	Figure 2	RRN
Date: October 2023		

CORNERSTONE EARTH GROUP

Screening Levels

	Residential ESL [1]	TTLC [2]	STLC [3]
Lead	80 mg/kg	1,000 mg/kg	5.0 mg/L

Concentrations measured in mg/kg unless noted otherwise

[1] Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019.

[2] Total Threshold Limit Concentration (TTLC) - California Code of Regulations, Title 22.

[3] Soluble Threshold Limit Concentration (STLC) - California Code of Regulations, Title 22.

--- Not analyzed

BOLD Concentration exceeds ESL value

BOLD Concentration exceeds TTLC or STLC hazardous waste criteria

Project Number	1353-1-5
Figure Number	Figure 3
Drawn By	RRN
Date	October 2023

Site Plan with Selected Lead Analytical Results - 1950 Sanborn Map

SJCB New Education Building
639/645 North 5th Street and 620/624/642 North 4th Street
San Jose, CA

SB-8 6/20/2022

Depth (ft)	Lead	STLC Lead
½ to 1	**157**	3.91
2½ to 3	**151**	---
		9/20/2023
3½ to 4	8.0	---
4½ to 5	7.0	---

SB-8-10W 9/20/2023

Depth (ft)	Lead
½ to 1	**86.7**
2½ to 3	8.9

SB-8-10N 9/20/2023

Depth (ft)	Lead
½ to 1	73.4
2 to 2½	**85.2**
3½ to 4	7.9

SB-8-10S 9/20/2023

Depth (ft)	Lead
½ to 1	69.8
3 to 3½	7.1

SB-8-20S 9/20/2023

Depth (ft)	Lead
0 to ½	8.2
1 to 1½	41.1

SB-12-20E 9/20/2023

Depth (ft)	Lead
0 to ½	**88.8**
2 to 2½	**119**
4½ to 5	4.2

SB-12-10N 9/20/2023

Depth (ft)	Lead	STLC Lead
½ to 1	67.8	---
3½ to 4	**784**	**8.0**

SB-12 6/20/2022

Depth (ft)	Lead	STLC Lead
½ to 1	**92.6**	0.839
4½ to 5	7.75	---

SB-12-20W 9/20/2023

Depth (ft)	Lead
½ to 1	**87.9**
2½ to 3	7.7

SB-12-10W 9/20/2023

Depth (ft)	Lead
0 to ½	72.3
1½ to 2	7.9

SB-12-10S 9/20/2023

Depth (ft)	Lead	STLC Lead
0 to ½	**311**	**18.9**
1½ to 2	**118**	---
3 to 3½	10.2	---

SB-12-10E 9/20/2023

Depth (ft)	Lead
0 to ½	**118**
2 to 2½	**138**

SB-3-20NW 9/20/2023

Depth (ft)	Lead	STLC Lead
0 to ½	**338**	**5.2**
3 to 3½	8.0	---

SB-3-10N 9/20/2023

Depth (ft)	Lead
½ to 1	49.3
3 to 3½	8.2

SB-3-20NE 9/20/2023

Depth (ft)	Lead
½ to 1	**170**
3 to 3½	29.9

SB-3-10E 9/20/2023

Depth (ft)	Lead	STLC Lead
1 to 1½	**909**	**12.7**
3½ to 4	23.5	---

SB-3 6/20/2022

Depth (ft)	Lead
½ to 1	**569**
2 to 3	**1,610**
	9/20/2023
4 to 4½	7.3
5 to 5½	9.5

SB-3-10W 9/20/2023

Depth (ft)	Lead
½ to 1	**183**
3 to 3½	26.9

SB-3-10S 9/20/2023

Depth (ft)	Lead
½ to 1	12.4
2½ to 3	19.5

SB-10, SB-9, SB-11, SB-12-10N, SB-12, SB-12-20W, SB-12-20E, SB-12-10W, SB-12-10E, SB-12-10S, SB-13, SV/SB-2, GW/SV/SB-1, SB-8-10N, SB-8, SB-8-10W, SB-8-10S, SB-8-20S, SB-6, SB-7, SB-5, SB-4, SB-3-20NW, SB-3-10N, SB-3-20NE, SB-3-10W, SB-3-10E, SV/SB-3, SB-3-10S

Approximate Site Boundary

North 5th Street

Legend

- Approximate location of step-out boring (SB) to 10 feet for lead
- Approximate location of step-out boring (SB) to 20 feet for lead
- Approximate location of sample for TPHg and BTEX
- Approximate location of sample for TPHg, BTEX, and lead
- Approximate location of soil boring (SB) to 5 feet (Cornerstone, June 2022)
- Approximate location of soil vapor/soil boring (SV/SB) to 10 feet (Cornerstone, June 2022)
- Approximate location of groundwater/soil vapor/soil boring to 20 feet (Cornerstone, June 2022)

Base by Google Earth, dated 03/10/2022
Overlay by EDR, Sanborn Map, EDR Inquiry: 6908733.3, dated 1950

0 30 60
APPROXIMATE SCALE (FEET)

CORNERSTONE EARTH GROUP

Screening Levels	Residential ESL [1]	Residential ESL [2]	Low-Theat Closure Policy [3]
Benzene	3.2	3,200	85,000
Naphthalene	2.8	2,800	93,000

Concentrations measured in µg/m^3 unless noted otherwise.

1 Environmental Screening Level (ESL), RWQCB, San Franciscol Bay Region - January 2019

2 Residential ESL with bioattenuation factor applied.

3 Low-Threat Closure Policy Soil Gas Creening Levels, State Water Resources Control Board (SWRCB) - July 2011

< Not detected at or above laboratory

--- Not Analyzed

BOLD Concentration exceeds ESL Value

Project Number 1353-1-5

Figure Number Figure 4

Date February 2024

Drawn By RRN

Soil Vapor Concecentrations

SJBCB New Education Building
639/645 North 5th Street and
620/624/642 North 4th Street
San Jose, CA

SG-3

Depth (ft)	Date	Benzene	Naphthalene	Oxygen (%)
4-5	5/11/2012	<2.88	---	---
	9/27/2012	<2.91	---	---
	2/14/2013	<2.81	---	---
	8/19/2013	<2.78	---	17
	3/20/2014	<2.68	---	17
	9/23/2014	<2.97	---	---

SV-1

Depth (ft)	Date	Benzene	Naphthalene	Oxygen (%)
5	6/22/2022	<1.6	<2.6	22
	1/16/2024	<3.0	<9.9	18
9	6/22/2022	**13**	<2.6	22
	1/16/2024	<3.3	<11	18

SV-2

Depth (ft)	Date	Benzene	Naphthalene	Oxygen (%)
5	6/22/2022	**4.3**	**4.2**	21
	1/16/2024	<3.0	<10	19
9	6/22/2022	2.2	<2.6	21
	1/16/2024	<3.0	<9.8	19

SV-3

Depth (ft)	Date	Benzene	Naphthalene	Oxygen (%)
5	6/22/2022	<1.6	<2.6	21
	1/16/2024	<3.3	<11	21
9	6/22/2022	2.8	<2.6	21
	1/16/2024	<3.3	<11	20

Legend

- Approximate location of soil gas well (SG) (Applied Water Resources, 2014)
- Approximate location of step-out boring (SB) to 10 feet for lead
- Approximate location of step-out boring (SB) to 20 feet for lead
- Approximate location of sample for TPHg and BTEX
- Approximate location of sample for TPHg, BTEX, and lead
- Approximate location of soil boring (SB) to 5 feet (Cornerstone, June 2022)
- Approximate location of soil vapor/soil boring (SV/SB) to 10 feet (Cornerstone, June 2022)
- Approximate location of groundwater/soil vapor/ soil boring to 20 feet (Cornerstone, June 2022)

0 30 60

APPROXIMATE SCALE (FEET)

Base by Google Earth, dated 03/10/2022
Overlay by Aedis Architects, Proposed Site Plan - P-A1.01, dated 06/16/2022

CORNERSTONE EARTH GROUP

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Table 1. Analytical Results of Selected Soil Samples - Lead
(Concentrations in mg/kg, unless stated otherwise)

Boring ID	Sample ID	Date	Depth (feet)	Lead		
				Lead	Soluble Lead-STLC (mg/L)	Soluble Lead-TCLP (mg/L)
SB-3	SB-3 (0.5-1)	6/20/2022	½-1	**569**	---	---
	SB-3 (2-3)	6/20/2022	2-3	**1,610**	---	---
	SB-3 (4-4.5)	9/20/2023	4-4½	7.3	---	---
	SB-3 (5-5.5)	9/20/2023	5-5½	9.5	---	---
SB-3-10N	SB-3-10N (0.5-1)	9/20/2023	½-1	49.3	---	---
	SB-3-10N (3-3.5)	9/20/2023	3-3½	8.2	---	---
SB-3-10S	SB-3-10S (0.5-1)	9/20/2023	½-1	12.4	---	---
	SB-3-10S (2.5-3)	9/20/2023	2½-3	19.5	---	---
SB-3-10E	SB-3-10E (1-1.5)	9/20/2023	1-1½	**909**	**12.7**	1.6
	SB-3-10E (3.5-4)	9/20/2023	3½-4	23.5	---	---
SB-3-20NE	SB-3-20NE (1-1.5)	9/20/2023	1-1½	**170**	---	---
	SB-3-20NE (3-3.5)	9/20/2023	3-3½	29.9	---	---
SB-3-10W	SB-3-10W (1-1.5)	9/20/2023	1-1½	**183**	---	---
	SB-3-10W (3-3.5)	9/20/2023	3-3½	26.9	---	---
SB-3-20NW	SB-3-20NW (0-0.5)	9/20/2023	0-½	**338**	**5.2**	1.5
	SB-3-20NW (3-3.5)	9/20/2023	3-3½	8	---	---
SB-8	SB-8 (0.5-1)	6/20/2022	½-1	**157**	3.91	<0.2
	SB-8 (2.5-3)	6/20/2022	2½-3	**151**	---	---
	SB-8 (3.5-4)	9/20/2023	3½-4	8	---	---
	SB-8 (4.5-5)	9/20/2023	4½-5	7	---	---
SB-8-10N	SB-8-10N (0.5-1)	9/20/2023	½-1	73.4	---	---
	SB-8-10N (2-2.5)	9/20/2023	2-2½	**85.2**	---	---
	SB-8-10N (3.5-4)	9/20/2023	3½-4	7.9	---	---
SB-8-10S	SB-8-10S (0.5-1)	9/20/2023	½-1	69.8	---	---
	SB-8-10S (3-3.5)	9/20/2023	3-3½	7.1	---	---
SB-8-20S	SB-8-20S (0-0.5)	9/20/2023	0-½	8.2	---	---
	SB-8-20S (1-1.5)	9/20/2023	1-1½	41.1	---	---
SB-8-10W	SB-8-10W (0.5-1)	9/20/2023	½-1	**86.7**	---	---
	SB-8-10W (2.5-3)	9/20/2023	2½-3	8.9	---	---
SB-12	SB-12 (0.5-1)	6/20/2022	½-1	**92.6**	0.839	---
	SB-12 (4.5-5)	6/20/2022	4½-5	7.75	---	---
SB-12-10N	SB-12-10N (0.5-1)	9/20/2023	½-1	67.8	---	---
	SB-12-10N (3.5-4)	9/20/2023	3½-4	**784**	**8.0**	0.6
SB-12-10S	SB-12-10S (0-0.5)	9/20/2023	0-½	**311**	**18.9**	0.6
	SB-12-10S (1.5-2)	9/20/2023	1½-2	**118**	---	---
	SB-12-10S (3-3.5)	9/20/2023	3-3½	10.2	---	---
SB-12-10E	SB-12-10E (0.5-1)	9/20/2023	0-½	**118**	---	---
	SB-12-10E (2-2.5)	9/20/2023	2-2½	**138**	---	---
SB-12-20E	SB-12-20E (0-0.5)	9/20/2023	0-½	**88.8**	---	---
	SB-12-10E (2-2.5)	9/20/2023	2-2½	**119**	---	---
	SB-12-10E (4.5-5)	9/20/2023	4½-5	4.2	---	---
SB-12-10W	SB-12-10W (0-0.5)	9/20/2023	0-½	72.3	---	---
	SB-12-10W (1.5-2)	9/20/2023	1½-2	7.9	---	---
SB-12-20W	SB-12-20W (0.5-1)	9/20/2023	½-1	**87.9**	---	---
	SB-12-20W (2.5-3)	9/20/2023	2½-3	7.7	---	---
Screening Criteria				80 (1000)	5	5
Screening Criteria Basis				ESL[1] (TTLC[2])	STLC[3]	TCLP[4]

1 Residential Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019.
2 Total Threshold Limit Concentration (TTLC) - California Code of Regulations, Title 22.
3 Soluble Threshold Limit Concentration (STLC) - California Code of Regulations, Title 22.
4 Toxicity Characteristic Leaching Procedure (TCLP) - USEPA
< Not detected at or above laboratory reporting limit shown
--- Not Analyzed
BOLD Concentration exceeds selected Environmental Screening Criteria
Concentration exceeds TTLC or STLC hazardous waste criteria

CORNERSTONE EARTH GROUP

Table 2. Analytical Results of Selected Soil Samples - OCPs
(Concentrations in mg/kg unless stated otherwise)

Boring ID	Sample ID	Date	Depth (feet)	Organochlorine Pesticides (OCPs)							
				4,4´-DDE	4,4´-DDT	DDT Total	alpha-Chlordane	gamma-Chlordane	Technical Chlordane	Dieldrin	Heptachlor epoxide
SB-1	SB-1 (0.5-1)	6/20/2022	½-1	<0.0021	<0.0014	NC	<0.0019	<0.0017	<0.023	<0.0016	<0.00083
SB-2	SB-2 (0.5-1)	6/20/2022	½-1	<0.0021	<0.00015	NC	<0.00064	<0.0006	<0.0078	<0.00055	<0.00029
SB-3	SB-3 (0.5-1)	6/20/2022	½-1	<0.0022	<0.0015	NC	<0.002	<0.0019	<0.024	<0.0017	<0.0009
SB-4	SB-4 (0.5-1)	6/20/2022	½-1	<0.0025	<0.0025	NC	<0.0025	<0.0025	<0.025	<0.0025	<0.0025
SB-5	SB-5 (0.5-1)	6/20/2022	½-1	<0.0022	<0.0022	NC	<0.0022	<0.0022	<0.022	<0.0022	<0.0022
SB-6	SB-6 (0-1)	6/20/2022	0-1	<0.00064	<0.00043	NC	<0.00057	<0.00054	<0.007	0.0304	<0.00026
SB-7	SB-7 (0.5-1)	6/20/2022	½-1	<0.0023	<0.0023	NC	<0.0023	<0.0023	<0.023	<0.0023	<0.0023
SB-8	SB-8 (0.5-1)	6/20/2022	½-1	0.0556	0.0718	0.1274	0.0211 J	0.027	0.251 J	0.0161 J	0.00601 J
SB-9	SB-9 (0.5-1)	6/20/2022	½-1	<0.0022	<0.0022	NC	<0.0022	<0.0022	<0.022	<0.0022	<0.0022
SB-10	SB-10 (0.5-1)	6/20/2022	½-1	<0.00065	<0.00043	NC	<0.00058	<0.00054	<0.007	0.0077	<0.00026
SB-11	SB-11 (0.5-1)	6/20/2022	½-1	0.00959 J	0.00927 J	0.01886	0.0123 J	0.0205 J	0.17 J	0.0128 J	<0.0017
SB-12	SB-12 (0.5-1)	6/20/2022	½-1	<0.0021	<0.0014	NC	<0.0019	<0.0017	<0.023	<0.0016	<0.00083
SB-13	SB-13 (0.5-1)	6/20/2022	½-1	<0.00064	<0.00043	NC	<0.00057	<0.00054	<0.007	<0.00049	<0.00026
Screening Criteria				1.8	1.9	1	0.48	0.48	0.48	0.037	0.062
Screening Criteria Basis				ESL[1]	ESL[1]	TTLC[2]	ESL[3]	ESL[3]	ESL[1]	ESL[1]	ESL[1]

1 Residential Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019.
2 Total Threshold Limit Concentration (TTLC) - California Code of Regulations, Title 22.
3 ESL not established; value is ESL for Technical Chlordane.
< Not detected at or above laboratory reporting limit shown
NC Not Calculated
--- Not Analyzed
BOLD Concentration exceeds selected Environmental Screening Criteria
J Estimated concentration between Method Detection Limit (MDL) and Reporting Limit (RL)

Table 3. Analytical Results of Soil Vapor Samples
(Concentrations in µg/m^3 unless stated otherwise)

Boring ID	Sample ID	Date	Depth (feet)	Benzene	Toluene	TBA	1,1,2-TCA	2-Butanone (MEK)	Acetone	Carbon Disulfide	Ethyl Acetate	Hexane	Isopropanol	Naphthalene	TPHg	Vinyl Acetate	Carbon Dioxide (%)	Oxygen (%)
SV-1	SV-1-5	6/22/2022	5	<1.6	<1.9	<1.5	<2.7	<1.5	23	<1.6	<1.8	<1.8	19	<2.6	<180	<1.8	0.8	22
		1/16/2024		<3.0	<7.1	ND	ND	ND	ND	ND	ND	ND	<9.3	<9.9	<390	ND	1.9	18
	SV-1-9	6/22/2022	9	13	4.2	<1.5	<2.7	4	31	6.9	<1.8	3.5	<12	<2.6	1,400	<1.8	0.92	22
		1/16/2024		<3.3	<7.7	ND	ND	ND	ND	ND	ND	ND	<10	<11	<420	ND	2.8	18
SV-2	SV-2-5	6/22/2022	5	4.3	2.6	2.2	<2.7	6.4	35	4.4	<1.8	2.2	<12	4.2	663	<1.8	2	21
		1/16/2024		<3.0	<7.0	ND	ND	ND	ND	ND	ND	ND	<9.4	<10	<390	ND	1.8	19
	SV-2-9	6/22/2022	9	2.2	2.2	10	2.8	2.9	18	2.4	8.9	4.3	<12	<2.6	1,070	<1.8	2.6	21
		1/16/2024		<3.0	<7.0	ND	ND	ND	ND	ND	ND	ND	<9.2	<9.8	<380	ND	3.1	19
SV-3	SV-3-5	6/22/2022	5	<1.6	<1.9	<1.5	<2.7	3.2	28	<1.6	<1.8	<1.8	87	<2.6	<180	<1.8	0.32	21
		1/16/2024		<3.3	<7.9	ND	ND	ND	ND	ND	ND	ND	<10	<11	<430	ND	0.96	21
	SV-3-9	6/22/2022	9	2.8	<1.9	2	3.7	3.5	<12	1.9	<1.8	7.9	1600	<2.6	1290	4.6	0.49	21
		1/16/2024		<3.3	<7.8	ND	ND	ND	ND	ND	ND	ND	<10	<11	<420	ND	2.2	20
Maximum Detection				13	4.2	10	3.7	6.4	35	6.9	8.9	7.9	1,600	4.2	1,400	4.6	2.6	22
Screening Criteria				3.2 (3,200)	10,000 (10,000,000)	73.3 (73,300)	5.8 (5,800)	170,000 (170,000,000)	1,100,000 (1,100,000,000)	24,333 (24,333,000)	2,433 (2,433,000)	24,333 (24,333,000)	7,000 (7,000,000)	2.8 (2,800)	20,000 (20,000,000)	7,000 (7,000,000)	NE	NE
Screening Criteria Basis				ESL[1]	ESL[1]	RSL[2]	ESL[1]	ESL[1]	ESL[1]	RSL[2]	RSL[2]	RSL[2]	RSL[2]	ESL[1]	ESL[1]	RSL[2]	NE	NE

1 Residential Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019.
2 Regional Screening Level (RSL), USEPA - November 2023. Value calculated by dividing the residential indoor air screening level by an attenuation factor (AF) of 0.03
() Number in parethesis is the screening level with the 1,000x biodegradation factor applied.
< Not detected at or above laboratory reporting limit shown
NE Not Established
ND Not Detected

CORNERSTONE EARTH GROUP

Table 4. Analytical Results Selected Soil Samples - TPH and BTEX
(Concentrations in mg/kg)

Boring ID	Sample ID	Date	Depth (feet)	TPH as gasoline	TPH as diesel	Benzene	Toluene	Ethylbenzene	Xylenes (total)
SB-1	SB-1 (0.5-1)	9/20/2023	½-1	<4.9	23.7	0.0038	<0.0048	<0.00096	<0.0019
	SB-1 (2-2.5)	9/20/2023	2-2½	<4.2	4.23	0.0044	<0.0044	<0.00088	<0.0018
SB-2	SB-2 (2-2.5)	9/20/2023	2-2½	<4.2	2.04	0.0033	<0.0041	<0.00082	<0.0016
	SB-2 (4-4.5)	9/20/2023	4-4½	<4.1	<1	<0.00043	<0.0043	<0.00086	<0.0017
SB-3	SB-3 (1-1.5)	9/20/2023	1-1½	<4.3	19.2	0.0348	0.0155	0.0027	0.0028
	SB-3 (3-3.5)	9/20/2023	3-3½	<4.1	0.915 J	0.00041	<0.0041	<0.00082	<0.0016
Screening Criteria				430	260	0.33	1,100.0	5.9	580
Screening Criteria Basis				ESL[1]	ESL[1]	ESL[1]	ESL[1]	ESL[1]	ESL[1]

1 Residential Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019.
< Not detected at or above laboratory reporting limit shown
J Estimated concentration between Method Detection Limit (MDL) and Reporting Limit (RL)

BORING NUMBER SB-1

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 20 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 7822DT **GROUND WATER LEVELS:**
LOGGED BY BMP ▽ **AT TIME OF DRILLING** 13 ft.
NOTES _____ ▼ **AT END OF DRILLING** 12 ft.

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0		1 inch crushed rock			x				
			Sandy Lean Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, some brick fragments				50	0		
	5					x				
			Lean Clay with Sand (CL) moist, brown, fine to medium sand, some gravel				70	0		
	10		**Clayey Sand (SC)** moist, brown, fine to medium sand							
						x	60	0		
			Silty Sand (SM) wet, fine to medium sand							
	15		**Lean Clay (CL)** moist, dark brown to gray							
							70	0		
	20		Bottom of Boring at 20.0 feet.							

Soil Vapor Probe SV-1-5

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 7822DT / Hand Auger
GROUND WATER LEVELS:
LOGGED BY BMP
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0		1 inch crushed rock				0.25" diameter stainless teflon tubing with Swagelock tube cap
			Sandy Lean Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, some brick fragments	50	0		Hydrated Bentonite 0-4.0'
							2.25" Diameter borehole to 4.5'
							Dry Bentonite 4.0-4.3'
	5		Bottom of Boring at 5.0 feet.				1.75" Diameter borehole to 5.0' AMS Porous Tip at 4.6' in #3 Sand
	10						
	15						
	20						

Soil Vapor Probe SV-1-9

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 9 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 7822DT / Hand Auger
GROUND WATER LEVELS:
LOGGED BY BMP
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0		1 inch crushed rock				0.25" diameter stainless teflon tubing with Swagelock tube cap
			Sandy Lean Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, some brick fragments	50	0		2.25" Diameter borehole to 7.0'
	5						Hydrated Bentonite 0-7.4'
			Lean Clay with Sand (CL) moist, brown, fine to medium sand, some gravel	70	0		1.75" Diameter borehole to 9.0' Dry Bentonite 7.4-8.0' AMS Porous Tip at 8.5' in #3 Sand
			Bottom of Boring at 9.0 feet.				
	10						
	15						
	20						

BORING NUMBER SB-2

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 7 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 7822DT **GROUND WATER LEVELS:**
LOGGED BY BMP **AT TIME OF DRILLING** Not Encountered
NOTES _____ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0		6 inches crushed rock							
			Sandy Lean Clay (CL) [Fill] moist, brown, fine to medium sand, some fine to medium subangular gravel			x				
						x	70	0		
	5		**Silty Sand (SM)** moist, brown, fine to medium sand							
			Bottom of Boring at 7.0 feet.							
	10									
	15									
	20									

Soil Vapor Probe SV-2-5

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5.3 ft.
DRILLING CONTRACTOR Cuesta Geo
BORING DIAMETER ft
DRILLING METHOD Geoprobe 6620DT
GROUND WATER LEVELS:
LOGGED BY BMP
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0.0		9 inches crushed rock				0.25" diameter teflon tubing with Swagelock tube cap
			Sandy Clay (CL) [Fill] moist, brown, fine to coarse sand, some fine to coarse subangular gravel, some brick fragments				Hydrated Bentonite 0.7-3.8'
	2.5			80	0.1		3.25" Diameter borehole to 3.0'
							1.75" Diameter borehole to 5.3'
							Dry Bentonite 3.8-4.3'
	5.0		**Silty Sand (SM)** moist, brown, fine to medium sand				AMS Porous Tip at 4.9' in #3 Sand
			Bottom of Boring at 5.3 feet.				
	7.5						
	10.0						
	12.5						
	15.0						

Soil Vapor Probe SV-2-9

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 9.3 ft.
DRILLING CONTRACTOR Cuesta Geo
BORING DIAMETER ft
DRILLING METHOD Geoprobe 6620DT, Hand Auger
GROUND WATER LEVELS:
LOGGED BY BMP
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0.0		9 inches crushed rock				0.25" diameter teflon tubing with Swagelock tube cap
			Sandy Clay (CL) [Fill] moist, brown, fine to coarse sand, some fine to coarse subangular gravel, some brick fragments				
	2.5			80	0.1		3.25" Diameter borehole to 8.0'
							Hydrated Bentonite 0.7-8.0'
	5.0		**Silty Sand (SM)** moist, brown, fine to medium sand				
				0			
	7.5						1.75" Diameter borehole to 9.3'
			Lean Clay (CL) moist, brown, some fine sand				Dry Bentonite 8.0-8.4'
				100			AMS Porous Tip at 9.0' in #3 Sand
			Bottom of Boring at 9.3 feet.				
	10.0						
	12.5						
	15.0						

BORING NUMBER SB-3

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 7 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT **GROUND WATER LEVELS:**
LOGGED BY BMP ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		4½ inches Portland cement concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, some brick fragments, trace charred organics			x	100	0.1		
	2.5		some concrete debris			x				
			Silty Clay (CL-ML) moist, brown, some fine sand			x				
	5.0		**Lean Clay (CL)** moist, brown, fine sand			x	100	0.1		
						x				
	7.5		Bottom of Boring at 7.0 feet.							
	10.0									
	12.5									
	15.0									

Soil Vapor Probe SV-3-5

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 5.2 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 7822DT / Hand Auger
GROUND WATER LEVELS:
LOGGED BY BMP
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0		4½ inches Portland cement concrete				0.25" diameter stainless teflon tubing with Swagelock tube cap
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, some brick fragments, trace charred organics				Hydrated Bentonite 0-4.0'
			some concrete debris	70			2.25" Diameter borehole to 4.0'
			Silty Clay (CL-ML) moist, brown, some fine sand		0		
	5		**Lean Clay (CL)** moist, brown, fine sand				Dry Bentonite 4.0-4.4'
			Bottom of Boring at 5.2 feet.				1.75" Diameter borehole to 5.2' AMS Porous Tip at 4.8' in #3 Sand
	10						
	15						
	20						

Soil Vapor Probe SV-3-9

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 9.5 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 7822DT / Hand Auger
GROUND WATER LEVELS:
LOGGED BY BMP
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0		4½ inches Portland cement concrete				0.25" diameter stainless teflon tubing with Swagelock tube cap
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, some brick fragments, trace charred organics	70			
			some concrete debris				2.25" Diameter borehole to 7.0'
			Silty Clay (CL-ML) moist, brown, some fine sand		0		Hydrated Bentonite 0-8.0'
	5		**Lean Clay (CL)** moist, brown, fine sand		0		
							Dry Bentonite 8.0-8.5'
							1.75" Diameter borehole to 9.0'
							AMS Porous Tip at 9.0' in #3 Sand
	10		Bottom of Boring at 9.5 feet.				
	15						
	20						

BORING NUMBER SB-3-10 E

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT **GROUND WATER LEVELS:**
LOGGED BY BMP ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		4½ inches Portland cement concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, abundant brick, asphalt and glass fragments			x		0		
	2.5		**Sandy Clay with Gravel (CL) [Fill]** moist, brown, fine to coarse sand, fine to coarse subangular gravel				80			
			Sandy Silty Clay (CL-ML) moist, brown, fine to medium sand			x		0.1		
	5.0		Bottom of Boring at 5.0 feet.			x				
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-3-10 N

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT
GROUND WATER LEVELS:
LOGGED BY BMP
▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____
▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		4½ inches Portland cement concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, some brick fragments, trace charred organics			x		0.1		
	2.5		some concrete debris			x	100	0.1		
						x				
			Silty Clay (CL-ML) moist, brown, some fine sand					0		
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-3-10 S

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT
GROUND WATER LEVELS:
LOGGED BY BMP
▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____
▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		4½ inches Portland cement concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, some brick fragments			x		0.1		
	2.5					x	100			
			Silty Clay (CL-ML) moist, brown, some fine sand			x		0		
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-3-10 W

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT
GROUND WATER LEVELS:
LOGGED BY BMP ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		4½ inches Portland cement concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, some brick fragments, trace charred organics			x		0.1		
	2.5						90			
			Silty Clay (CL-ML) moist, brown, some fine sand			x		0.1		
	5.0		Bottom of Boring at 5.0 feet.			x				
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-3-20 NE

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT
GROUND WATER LEVELS:
LOGGED BY BMP
▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____
▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		4½ inches Portland cement concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, some brick fragments			x		0.1		
	2.5		some concrete debris				80			
			Silty Clay (CL-ML) moist, brown, some fine sand			x				
						x		0.1		
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-3-20 NW

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT
GROUND WATER LEVELS:
LOGGED BY BMP
▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____
▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		4½ inches Portland cement concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse subangular gravel, some brick fragments, trace charred organics			x		0.1		
	2.5		concrete debris			x	80	0.1		
			Silty Clay (CL-ML) moist, brown, some fine sand			x				
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-4

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 7822DT
GROUND WATER LEVELS:
LOGGED BY BMP
▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____
▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0		4 inches Portland Cement Concrete							
			Sandy Lean Clay (CL) [Fill] moist, brown to light brown, fine to medium sand, fine to medium subangular gravel			x				
						x	70	0		
			Lean Clay (CL) moist, light brown, some fine to medium sand							
	5		Bottom of Boring at 5.0 feet.							
	10									
	15									
	20									

BORING NUMBER SB-5

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 7822DT **GROUND WATER LEVELS:**
LOGGED BY BMP ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0		4 inches Portland Cement Concrete							
			Sandy Lean Clay (CL) [Fill] moist, brown to light brown, fine to medium sand, fine to medium subangular gravel			X X	40	0		
			Lean Clay (CL) moist, light brown, some fine to medium sand							
	5		Bottom of Boring at 5.0 feet.							
	10									
	15									
	20									

BORING NUMBER SB-6

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 7822DT
GROUND WATER LEVELS:
LOGGED BY BMP
AT TIME OF DRILLING Not Encountered
NOTES _____
AT END OF DRILLING Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0		**Clayey Sand (SC) [Fill]** brown, fine to medium sand, fine to medium subangular gravel, some brick fragments, some roots			x				
			Sandy Lean Clay (CL) [Fill] dark brown, fine to medium sand, some fine subrounded gravel				60	0		
			Sandy Lean Clay (CL) brown with gray mottles			x				
	5		Bottom of Boring at 5.0 feet.							
	10									
	15									
	20									

BORING NUMBER SB-7

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 7822DT
GROUND WATER LEVELS:
LOGGED BY BMP
▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____
▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0		3 inches Portland Cement Concrete over 4 inches aggregate base							
			Clayey Sand (SC) [Fill] brown, fine to medium sand, some fine subrounded gravel, some brick fragments			x				
						x	40	0		
	5		Bottom of Boring at 5.0 feet.							
	10									
	15									
	20									

BORING NUMBER SB-8

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5.5 ft.
DRILLING CONTRACTOR Cuesta Geo
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT, Hand Auger
GROUND WATER LEVELS:
LOGGED BY BMP
▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____
▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		3 inches crushed rock							
			Clayey Sand with Gravel (SC) [Fill] moist, brown, fine to medium sand, fine to coarse subangular gravel, some brick fragments					0.1		
	2.5						90			
			Clayey Sand (SC) moist, brown, fine to medium sand			x		0.1		
	5.0						100			
			Bottom of Boring at 5.5 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

CORNERSTONE GE LOG DEC192007 - CORNERSTONE 0812.GDT - 3/12/24 10:29 - P:\DRAFTING\GINT FILES\1353-1-5 SJ BUDDHIST CHURCH GE SV.GPJ

BORING NUMBER SB-8-10 N

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT **GROUND WATER LEVELS:**
LOGGED BY BMP **AT TIME OF DRILLING** Not Encountered
NOTES _____ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		3 inches crushed rock							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine subrounded gravel, some brick fragments			x		0.2		
	2.5		**Sandy Clay with Gravel (CL) [Reworked native]** moist, brown, fine to medium sand some charred organics at 2.5 feet			x		0.2		
			Lean Clay with Sand (CL) moist, brown, fine to coarse sand			x		0.1		
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-8-10 S

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT **GROUND WATER LEVELS:**
LOGGED BY BMP **AT TIME OF DRILLING** Not Encountered
NOTES _____ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		4 inches crushed rock							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to medium sand, fine to coarse subangular gravel, some brick, glass and asphalt fragments			x		0.2		
	2.5						90			
			Sandy Clay with Gravel (CL) moist, brown, fine to medium sand			x		0.2		
			some gray mottles			x				
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-8-10 W

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT **GROUND WATER LEVELS:**
LOGGED BY BMP **AT TIME OF DRILLING** Not Encountered
NOTES _____ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		3 inches crushed rock							
			Clayey Sand (SC) [Fill] moist, brown, fine to medium sand, some fine to coarse subangular gravel, some brick fragments			x		0.1		
	2.5		**Clayey Sand (SC)** moist, brown, fine sand, trace medium to coarse sand			x	95			
						x		0.1		
						x				
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-8-20 S

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT **GROUND WATER LEVELS:**
LOGGED BY BMP ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		2 inches crushed rock			x				
			10 inches crushed rock with medium to coarse sand							
			Sandy Clay with Gravel (CL) [Fill]			x		0.2		
			moist, brown, fine to medium sand, fine to coarse subangular gravel, some brick fragments					0.2		
	2.5					x	80			
			Silty Clay with Sand (CL-ML)							
			moist, brown, fine sand			x		0.2		
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-9

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 7822DT
GROUND WATER LEVELS:
LOGGED BY BMP
▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____
▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0		3 inches crushed rock							
			Clayey Sand (SC) [Fill] moist, dark brown, fine to medium sand, some fine to medium subrounded gravel, some brick fragments			x	60	0		
	5		**Clayey Sand (SC)** moist, brown with gray mottles, fine to medium sand, some fine subrounded gravel			x				
			Bottom of Boring at 5.0 feet.							
	10									
	15									
	20									

BORING NUMBER SB-10

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 7822DT
GROUND WATER LEVELS:
LOGGED BY BMP
▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____
▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0		1 inch crushed rock over 3 inches aggregate base			x				
			Clayey Sand (SC) [Fill] dark brown, fine to medium sand, some fine subrounded gravel				50	0		
			Clayey Sand (SC) brown with gray mottles, fine to medium sand, some fine subrounded gravel			x				
	5		Bottom of Boring at 5.0 feet.							
	10									
	15									
	20									

BORING NUMBER SB-11

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 7822DT
GROUND WATER LEVELS:
LOGGED BY BMP
▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____
▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0		2 inches crushed rock							
			Clayey Sand with Gravel (SC) [Fill] brown, fine to medium sand, fine to medium subangular gravel, some brick fragments			x	60	0		
	5		**Sandy Lean Clay (CL)** moist, brown with gray mottles, fine to medium sand, some fine subrounded gravel			x				
			Bottom of Boring at 5.0 feet.							
	10									
	15									
	20									

BORING NUMBER SB-12-10 E

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT
GROUND WATER LEVELS:
LOGGED BY BMP ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		1 inch crushed rock							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse angular gravel, some brick fragments			x		0.1		
	2.5		**Sandy Clay (CL) [Fill]** moist, brown, fine to medium sand, some porcelain fragments			x	95	0.1		
	5.0		**Silty Sand (SM)** moist, brown, fine to medium sand					0.1		
			Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

CORNERSTONE GE LOG DEC192007 - CORNERSTONE 0812.GDT - 3/12/24 10:29 - P:\DRAFTING\GINT FILES\1353-1-5 SJ BUDDHIST CHURCH GE SV.GPJ

BORING NUMBER SB-12-10 N

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT **GROUND WATER LEVELS:**
LOGGED BY BMP ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		2 inches crushed rock							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine to coarse angular gravel, some brick and glass fragments			x		0.1		
	2.5						90			
			Sandy Clay (CL) [Fill] moist, brown, fine to medium sand, some fine to coarse gravel some brick fragments at 4.5 feet			x		0.1		
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-12-10 S

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT
GROUND WATER LEVELS:
LOGGED BY BMP
AT TIME OF DRILLING Not Encountered
NOTES _____
AT END OF DRILLING Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		1 inch crushed rock over stabilization fabric and 3 inches aggregate base			x		0		
			Sandy Clay (CL) moist, brown, fine to coarse sand, some roots			x		0		
	2.5		**Silty Sand (SM)** moist, brown, fine to medium sand			x	85	0		
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

CORNERSTONE GE LOG DEC192007 - CORNERSTONE 0812.GDT - 3/12/24 10:29 - P:\DRAFTING\GINT FILES\1353-1-5 SJ BUDDHIST CHURCH GE SV.GPJ

BORING NUMBER SB-12-10 W

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT
LOGGED BY BMP
GROUND WATER LEVELS:
AT TIME OF DRILLING Not Encountered
NOTES _____
AT END OF DRILLING Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		1 inch crushed rock			x		0.1		
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine subrounded to subangular gravel							
			Sandy Clay (CL) moist, brown, fine to medium sand			x				
	2.5						90	0.1		
	5.0		Bottom of Boring at 5.0 feet.					0.1		
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-12-20 E

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT **GROUND WATER LEVELS:**
LOGGED BY BMP **AT TIME OF DRILLING** Not Encountered
NOTES _____ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		2 inches crushed rock			x		0		
			Clayey Sand with Gravel (SC) [Fill] moist, brown, fine to coarse sand, fine to coarse subrounded to subangular gravel							
			some porcelain fragments at 1.7 feet			x		0.1		
	2.5		**Sandy Clay (CL)** moist, brown, fine to medium sand, trace fine gravel				90			
	5.0		**Clayey Sand (SC)** moist, brown, fine sand					0		
			Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-12-20 W

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-5
PROJECT LOCATION San Jose, CA

DATE STARTED 9/20/23 **DATE COMPLETED** 9/20/23
GROUND ELEVATION _____ **BORING DEPTH** 6 ft.
DRILLING CONTRACTOR Cuesta Geo **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6620DT **GROUND WATER LEVELS:**
LOGGED BY BMP ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0.0		3 inches crushed rock							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse sand, fine subrounded to subangular gravel, some brick fragments			x	100	0.2		
	2.5		**Clayey Sand (SC) [Reworked native]** moist, brown, fine to medium sand			x		0.1		
			Clayey Sand (SC) moist, brown, fine to medium sand							
	5.0		**Clay with Sand (CL)** moist, brown, fine to medium sand				100	0.1		
			some light reddish brown mottles							
			Bottom of Boring at 6.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									

BORING NUMBER SB-13

CORNERSTONE EARTH GROUP

PROJECT NAME San Jose Buddhist Church
PROJECT NUMBER 1353-1-4
PROJECT LOCATION San Jose, CA

DATE STARTED 6/20/22 **DATE COMPLETED** 6/20/22
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
LATITUDE _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 7822DT
GROUND WATER LEVELS:
LOGGED BY BMP
▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____
▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	Sample Type and Interval	Sample Submitted for Laboratory Analysis	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Notes
	0		3 inches crushed rock							
			Clayey Sand (SC) [Fill] moist, dark brown, fine to medium sand, some fine subrounded gravel, some brick fragments			x	60	0		
	5		**Clayey Sand (SC)** moist, brown with gray mottles, fine to medium sand, some fine subrounded gravel			x				
			Bottom of Boring at 5.0 feet.							
	10									
	15									
	20									

Cornerstone Earth Group
1259 Oakmead Parkway
Sunnyvale, California 94035
Tel: (408) 245-4600
Fax: (408) 245-4620

RE: SJ Buddhist Church GE

Work Order No.: 2206165 Rev: 1

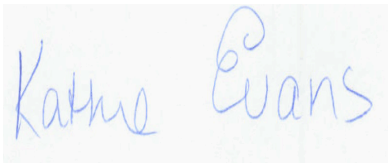
Dear Kurt Soenen:

Torrent Laboratory, Inc. received 28 sample(s) on June 20, 2022 for the analyses presented in the following Report.

15 samples are 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

June 27, 2022
Date

Torrent LABORATORY, INC.

Date: 6/27/2022

Client: Cornerstone Earth Group

Project: SJ Buddhist Church GE

Work Order: 2206165

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 Laboratory, Inc.

Soil data is reported on a dry weight basis.

REVISIONS

Report revised to include STLC and TCLP data on client designated samples as well as Lead data for select samples submitted on hold.

STLC

Note: Extraction of 50 g sample / 500g 0.2M Sodium Citrate Solution was performed according to wet extraction procedure (WET) which was rotated in a rotary shaker for 48 hours (+/- 4 hours).

Date Prepared: 7/5/22 at 2:00 PM to 7/7/22 at 10:15 AM

TCLP

Note: Extraction of 100 g sample/2000 g TCLP Fluid #1 was performed according to Toxicity Characteristic Leaching Procedure (SW-846 1311TCLP) which was rotated ina rotary shaker@ 32 RPM for 18 hours (+/- 2 hours).

Date Prepared: 6/30/22 at 5:00 PM to 7/1/22 at 10:00 AM

Rev. 1 (7/8/22)

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date Received: 06/20/22
Date Reported: 06/27/22

SB-1 (0.5-1) 2206165-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.20	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.07	%
Lead	SW6010B	1	0.13	3.2	28.0	mg/Kg

SB-2 (0.5-1) 2206165-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	23.2	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.23	%
Lead	SW6010B	1	0.15	3.7	30.0	mg/Kg

SB-3 (0.5-1) 2206165-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.9	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.15	%
Lead	SW6010B	1	0.14	3.5	569	mg/Kg

SB-3 (2-3) 2206165-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	20.1	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.20	%
Lead	SW6010B	1	0.14	3.6	1610	mg/Kg

SB-4 (0.5-1) 2206165-008

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	25.6	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.26	%
Lead	SW6010B	1	0.15	3.8	9.45	mg/Kg

SB-5 (0.5-1) 2206165-010

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	11.1	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.11	%
Lead	SW6010B	1	0.13	3.3	9.16	mg/Kg

SB-6 (0-1) 2206165-012

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	10.1	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10	%
Lead	SW6010B	1	0.13	3.3	28.7	mg/Kg
Dieldrin	SW8081B	3	0.49	6.6	30.4	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date Received: 06/20/22
Date Reported: 06/27/22

SB-7 (0.5-1) 2206165-014

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	15.1	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.15	%
Lead	SW6010B	1	0.14	3.5	8.34	mg/Kg

SB-8 (0.5-1) 2206165-016

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	31.2	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.31	%
Lead	SW6010B	1	0.16	3.9	157	mg/Kg
Lead (STLC)	SW6010B	1	0.050	0.20	3.91	mg/L
Heptachlor Epoxide	SW8081B	10	1.0	26	6.01	ug/Kg
gamma-Chlordane	SW8081B	10	2.1	26	27.0	ug/Kg
alpha-Chlordane	SW8081B	10	2.3	26	21.1	ug/Kg
4,4'-DDE	SW8081B	10	2.5	26	55.6	ug/Kg
Dieldrin	SW8081B	10	1.9	26	16.1	ug/Kg
4,4'-DDT	SW8081B	10	1.7	26	71.8	ug/Kg
Chlordane, Technical	SW8081B	10	28	260	251	ug/Kg

SB-8 (2.5-3) 2206165-017

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	13.0	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.13	%
Lead	SW6010B	1	0.14	3.4	151	mg/Kg

SB-9 (0.5-1) 2206165-018

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	11.6	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.12	%
Lead	SW6010B	1	0.13	3.4	55.0	mg/Kg

SB-10 (0.5-1) 2206165-020

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	10.6	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.11	%
Lead	SW6010B	1	0.13	3.3	9.71	mg/Kg
Dieldrin	SW8081B	3	0.49	6.7	7.70	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date Received: 06/20/22
Date Reported: 06/27/22

SB-11 (0.5-1) 2206165-022

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	8.48	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.08	%
Lead	SW6010B	1	0.13	3.2	45.1	mg/Kg
gamma-Chlordane	SW8081B	20	3.5	43	20.5	ug/Kg
alpha-Chlordane	SW8081B	20	3.7	43	12.3	ug/Kg
4,4'-DDE	SW8081B	20	4.2	43	9.59	ug/Kg
Dieldrin	SW8081B	20	3.2	43	12.8	ug/Kg
4,4'-DDT	SW8081B	20	2.8	43	9.27	ug/Kg
Chlordane, Technical	SW8081B	20	46	430	170	ug/Kg

SB-12 (0.5-1) 2206165-024

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	6.60	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.07	%
Lead	SW6010B	1	0.13	3.2	92.6	mg/Kg
Lead (STLC)	SW6010B	1	0.050	0.20	0.839	mg/L

SB-12 (4.5-5) 2206165-025

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	22.0	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.22	%
Lead	SW6010B	1	0.15	3.7	7.75	mg/Kg

SB-13 (0.5-1) 2206165-026

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	10.4	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10	%
Lead	SW6010B	1	0.13	3.3	21.7	mg/Kg

GW-1 (12) 2206165-028

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-1 (0.5-1)	**Lab Sample ID:**	2206165-001A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 8:21		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22	8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.2	**28.0**		mg/Kg	06/24/22	13:37	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-1 (0.5-1)	**Lab Sample ID:**	2206165-001A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 8:21		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	1.4	21	ND		ug/Kg	06/23/22	23:34	LA	466932
gamma-BHC (Lindane)	SW8081B	10	1.7	21	ND		ug/Kg	06/23/22	23:34	LA	466932
beta-BHC	SW8081B	10	3.4	21	ND		ug/Kg	06/23/22	23:34	LA	466932
delta-BHC	SW8081B	10	1.7	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Heptachlor	SW8081B	10	1.1	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Aldrin	SW8081B	10	2.1	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Heptachlor Epoxide	SW8081B	10	0.83	21	ND		ug/Kg	06/23/22	23:34	LA	466932
gamma-Chlordane	SW8081B	10	1.7	21	ND		ug/Kg	06/23/22	23:34	LA	466932
alpha-Chlordane	SW8081B	10	1.9	21	ND		ug/Kg	06/23/22	23:34	LA	466932
4,4'-DDE	SW8081B	10	2.1	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Endosulfan I	SW8081B	10	2.0	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Dieldrin	SW8081B	10	1.6	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Endrin	SW8081B	10	2.0	21	ND		ug/Kg	06/23/22	23:34	LA	466932
4,4'-DDD	SW8081B	10	6.0	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Endosulfan II	SW8081B	10	6.2	21	ND		ug/Kg	06/23/22	23:34	LA	466932
4,4'-DDT	SW8081B	10	1.4	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Endrin Aldehyde	SW8081B	10	1.6	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Methoxychlor	SW8081B	10	2.1	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Endosulfan Sulfate	SW8081B	10	1.3	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Endrin Ketone	SW8081B	10	1.0	21	ND		ug/Kg	06/23/22	23:34	LA	466932
Chlordane, Technical	SW8081B	10	23	210	ND		ug/Kg	06/23/22	23:34	LA	466932
Toxaphene	SW8081B	10	91	540	ND		ug/Kg	06/23/22	23:34	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**94.1**		%	06/23/22	23:34	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**96.7**		%	06/23/22	23:34	LA	466932

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-1 (0.5-1)	**Lab Sample ID:**	2206165-001A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 8:21		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22 5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**7.20**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.07**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-2 (0.5-1)	**Lab Sample ID:**	2206165-004A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 11:10		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22	8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.15	3.7	**30.0**		mg/Kg	06/24/22	13:42	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-2 (0.5-1)	**Lab Sample ID:**	2206165-004A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 11:10		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	3	0.47	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
gamma-BHC (Lindane)	SW8081B	3	0.59	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
beta-BHC	SW8081B	3	1.2	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
delta-BHC	SW8081B	3	0.57	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Heptachlor	SW8081B	3	0.39	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Aldrin	SW8081B	3	0.72	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Heptachlor Epoxide	SW8081B	3	0.29	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
gamma-Chlordane	SW8081B	3	0.60	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
alpha-Chlordane	SW8081B	3	0.64	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
4,4'-DDE	SW8081B	3	0.72	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Endosulfan I	SW8081B	3	0.68	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Dieldrin	SW8081B	3	0.55	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Endrin	SW8081B	3	0.69	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
4,4'-DDD	SW8081B	3	2.1	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Endosulfan II	SW8081B	3	2.1	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
4,4'-DDT	SW8081B	3	0.48	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Endrin Aldehyde	SW8081B	3	0.56	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Methoxychlor	SW8081B	3	0.74	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Endosulfan Sulfate	SW8081B	3	0.43	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Endrin Ketone	SW8081B	3	0.35	7.4	ND		ug/Kg	06/23/22	23:47	LA	466932
Chlordane, Technical	SW8081B	3	7.8	74	ND		ug/Kg	06/23/22	23:47	LA	466932
Toxaphene	SW8081B	3	31	180	ND		ug/Kg	06/23/22	23:47	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**76.1**		%	06/23/22	23:47	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**80.2**		%	06/23/22	23:47	LA	466932

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-2 (0.5-1)	**Lab Sample ID:**	2206165-004A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 11:10		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22	5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**23.2**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.23**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-3 (0.5-1)	**Lab Sample ID:**	2206165-006A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 11:00		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22	8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.14	3.5	**569**		mg/Kg	06/24/22	13:44	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-3 (0.5-1)	**Lab Sample ID:**	2206165-006A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 11:00		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	1.5	23	ND		ug/Kg	06/24/22	0:00	LA	466932
gamma-BHC (Lindane)	SW8081B	10	1.8	23	ND		ug/Kg	06/24/22	0:00	LA	466932
beta-BHC	SW8081B	10	3.6	23	ND		ug/Kg	06/24/22	0:00	LA	466932
delta-BHC	SW8081B	10	1.8	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Heptachlor	SW8081B	10	1.2	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Aldrin	SW8081B	10	2.2	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Heptachlor Epoxide	SW8081B	10	0.90	23	ND		ug/Kg	06/24/22	0:00	LA	466932
gamma-Chlordane	SW8081B	10	1.9	23	ND		ug/Kg	06/24/22	0:00	LA	466932
alpha-Chlordane	SW8081B	10	2.0	23	ND		ug/Kg	06/24/22	0:00	LA	466932
4,4'-DDE	SW8081B	10	2.2	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Endosulfan I	SW8081B	10	2.1	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Dieldrin	SW8081B	10	1.7	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Endrin	SW8081B	10	2.2	23	ND		ug/Kg	06/24/22	0:00	LA	466932
4,4'-DDD	SW8081B	10	6.5	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Endosulfan II	SW8081B	10	6.6	23	ND		ug/Kg	06/24/22	0:00	LA	466932
4,4'-DDT	SW8081B	10	1.5	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Endrin Aldehyde	SW8081B	10	1.7	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Methoxychlor	SW8081B	10	2.3	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Endosulfan Sulfate	SW8081B	10	1.3	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Endrin Ketone	SW8081B	10	1.1	23	ND		ug/Kg	06/24/22	0:00	LA	466932
Chlordane, Technical	SW8081B	10	24	230	ND		ug/Kg	06/24/22	0:00	LA	466932
Toxaphene	SW8081B	10	98	580	ND		ug/Kg	06/24/22	0:00	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**86.1**		%	06/24/22	0:00	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**103**		%	06/24/22	0:00	LA	466932

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-3 (0.5-1)	**Lab Sample ID:**	2206165-006A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 11:00		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22	5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**14.9**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.15**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-3 (2-3)	**Lab Sample ID:**	2206165-007A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 11:05		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	7/6/22	7:40:00PM
Prep Batch ID:	1142980	**Prep Analyst:**	CTHACH	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.14	3.6	**1610**		mg/Kg	07/07/22	19:28	AT	467349

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-3 (2-3)	**Lab Sample ID:**	2206165-007A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 11:05		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	7/6/22	5:00:00PM
Prep Batch ID:	1143025	**Prep Analyst:**	KAURN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**20.1**		%	07/07/22	11:45	NK	467333
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.20**		-	07/07/22	11:45	NK	467333

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-4 (0.5-1)	**Lab Sample ID:**	2206165-008A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:55		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22	8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.15	3.8	**9.45**		mg/Kg	06/24/22	13:46	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-4 (0.5-1)	**Lab Sample ID:**	2206165-008A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:55		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.16	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
gamma-BHC (Lindane)	SW8081B	1	0.20	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
beta-BHC	SW8081B	1	0.40	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
delta-BHC	SW8081B	1	0.20	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Heptachlor	SW8081B	1	0.13	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Aldrin	SW8081B	1	0.25	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Heptachlor Epoxide	SW8081B	1	0.098	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
gamma-Chlordane	SW8081B	1	0.21	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
alpha-Chlordane	SW8081B	1	0.22	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
4,4'-DDE	SW8081B	1	0.24	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Endosulfan I	SW8081B	1	0.23	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Dieldrin	SW8081B	1	0.19	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Endrin	SW8081B	1	0.24	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
4,4'-DDD	SW8081B	1	0.71	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Endosulfan II	SW8081B	1	0.73	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
4,4'-DDT	SW8081B	1	0.16	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Endrin Aldehyde	SW8081B	1	0.19	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Methoxychlor	SW8081B	1	0.25	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Endosulfan Sulfate	SW8081B	1	0.15	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Endrin Ketone	SW8081B	1	0.12	2.5	ND		ug/Kg	06/24/22	0:13	LA	466932
Chlordane, Technical	SW8081B	1	2.7	25	ND		ug/Kg	06/24/22	0:13	LA	466932
Toxaphene	SW8081B	1	11	63	ND		ug/Kg	06/24/22	0:13	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**75.2**		%	06/24/22	0:13	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**77.3**		%	06/24/22	0:13	LA	466932

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-4 (0.5-1)	**Lab Sample ID:**	2206165-008A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:55		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22 5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**25.6**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.26**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-5 (0.5-1)	**Lab Sample ID:**	2206165-010A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:50		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22	8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.3	**9.16**		mg/Kg	06/24/22	13:51	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-5 (0.5-1)	**Lab Sample ID:**	2206165-010A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:50		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.14	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
gamma-BHC (Lindane)	SW8081B	1	0.18	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
beta-BHC	SW8081B	1	0.35	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
delta-BHC	SW8081B	1	0.17	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Heptachlor	SW8081B	1	0.12	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Aldrin	SW8081B	1	0.22	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Heptachlor Epoxide	SW8081B	1	0.087	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
gamma-Chlordane	SW8081B	1	0.18	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
alpha-Chlordane	SW8081B	1	0.19	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
4,4'-DDE	SW8081B	1	0.22	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Endosulfan I	SW8081B	1	0.20	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Dieldrin	SW8081B	1	0.16	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Endrin	SW8081B	1	0.21	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
4,4'-DDD	SW8081B	1	0.63	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Endosulfan II	SW8081B	1	0.64	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
4,4'-DDT	SW8081B	1	0.14	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Endrin Aldehyde	SW8081B	1	0.17	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Methoxychlor	SW8081B	1	0.22	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Endosulfan Sulfate	SW8081B	1	0.13	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Endrin Ketone	SW8081B	1	0.10	2.2	ND		ug/Kg	06/24/22	0:27	LA	466932
Chlordane, Technical	SW8081B	1	2.3	22	ND		ug/Kg	06/24/22	0:27	LA	466932
Toxaphene	SW8081B	1	9.5	56	ND		ug/Kg	06/24/22	0:27	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**86.2**		%	06/24/22	0:27	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**98.5**		%	06/24/22	0:27	LA	466932

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-5 (0.5-1)	**Lab Sample ID:**	2206165-010A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:50		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22	5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**11.1**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.11**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-6 (0-1)	**Lab Sample ID:**	2206165-012A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:20		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22	8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.3	**28.7**		mg/Kg	06/24/22	13:52	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-6 (0-1)	**Lab Sample ID:**	2206165-012A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:20		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	3	0.42	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
gamma-BHC (Lindane)	SW8081B	3	0.52	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
beta-BHC	SW8081B	3	1.0	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
delta-BHC	SW8081B	3	0.51	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
Heptachlor	SW8081B	3	0.35	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
Aldrin	SW8081B	3	0.64	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
Heptachlor Epoxide	SW8081B	3	0.26	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
gamma-Chlordane	SW8081B	3	0.54	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
alpha-Chlordane	SW8081B	3	0.57	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
4,4'-DDE	SW8081B	3	0.64	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
Endosulfan I	SW8081B	3	0.60	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
Dieldrin	SW8081B	3	0.49	6.6	**30.4**		ug/Kg	06/24/22	0:40	LA	466932
Endrin	SW8081B	3	0.62	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
4,4'-DDD	SW8081B	3	1.9	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
Endosulfan II	SW8081B	3	1.9	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
4,4'-DDT	SW8081B	3	0.43	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
Endrin Aldehyde	SW8081B	3	0.50	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
Methoxychlor	SW8081B	3	0.66	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
Endosulfan Sulfate	SW8081B	3	0.39	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
Endrin Ketone	SW8081B	3	0.31	6.6	ND		ug/Kg	06/24/22	0:40	LA	466932
Chlordane, Technical	SW8081B	3	7.0	66	ND		ug/Kg	06/24/22	0:40	LA	466932
Toxaphene	SW8081B	3	28	170	ND		ug/Kg	06/24/22	0:40	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**86.2**		%	06/24/22	0:40	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**87.0**		%	06/24/22	0:40	LA	466932

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-6 (0-1)	**Lab Sample ID:**	2206165-012A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:20		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22	5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**10.1**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.10**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-7 (0.5-1)	**Lab Sample ID:**	2206165-014A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:17		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22	8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.14	3.5	**8.34**		mg/Kg	06/24/22	13:54	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-7 (0.5-1)	**Lab Sample ID:**	2206165-014A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:17		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.15	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
gamma-BHC (Lindane)	SW8081B	1	0.18	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
beta-BHC	SW8081B	1	0.36	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
delta-BHC	SW8081B	1	0.18	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Heptachlor	SW8081B	1	0.12	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Aldrin	SW8081B	1	0.22	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Heptachlor Epoxide	SW8081B	1	0.090	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
gamma-Chlordane	SW8081B	1	0.19	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
alpha-Chlordane	SW8081B	1	0.20	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
4,4'-DDE	SW8081B	1	0.22	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Endosulfan I	SW8081B	1	0.21	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Dieldrin	SW8081B	1	0.17	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Endrin	SW8081B	1	0.22	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
4,4'-DDD	SW8081B	1	0.65	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Endosulfan II	SW8081B	1	0.66	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
4,4'-DDT	SW8081B	1	0.15	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Endrin Aldehyde	SW8081B	1	0.17	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Methoxychlor	SW8081B	1	0.23	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Endosulfan Sulfate	SW8081B	1	0.13	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Endrin Ketone	SW8081B	1	0.11	2.3	ND		ug/Kg	06/24/22	0:53	LA	466932
Chlordane, Technical	SW8081B	1	2.4	23	ND		ug/Kg	06/24/22	0:53	LA	466932
Toxaphene	SW8081B	1	9.8	58	ND		ug/Kg	06/24/22	0:53	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**81.2**		%	06/24/22	0:53	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**73.6**		%	06/24/22	0:53	LA	466932

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-7 (0.5-1)	**Lab Sample ID:**	2206165-014A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:17		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22 5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**15.1**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.15**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-8 (0.5-1)	**Lab Sample ID:**	2206165-016A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:08		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22	8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.16	3.9	**157**		mg/Kg	06/24/22	13:56	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-8 (0.5-1)	**Lab Sample ID:**	2206165-016A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:08		
SDG:			

Prep Method:	WET/3010B	**Prep Batch Date/Time:**	7/7/22	5:00:00PM
Prep Batch ID:	1143023	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (STLC)	SW6010B	1	0.050	0.20	**3.91**		mg/L	07/07/22	21:45	AT	467343

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-8 (0.5-1)	**Lab Sample ID:**	2206165-016A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:08		
SDG:			

Prep Method:	1311/3010A	**Prep Batch Date/Time:**	7/6/22	6:30:00PM
Prep Batch ID:	1142998	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (TCLP)	SW6010B	1	0.050	0.20	ND		mg/L	07/07/22	13:00	AT	467309

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-8 (0.5-1)	**Lab Sample ID:**	2206165-016A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:08		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	1.7	26	ND		ug/Kg	06/24/22	1:06	LA	466932
gamma-BHC (Lindane)	SW8081B	10	2.1	26	ND		ug/Kg	06/24/22	1:06	LA	466932
beta-BHC	SW8081B	10	4.1	26	ND		ug/Kg	06/24/22	1:06	LA	466932
delta-BHC	SW8081B	10	2.0	26	ND		ug/Kg	06/24/22	1:06	LA	466932
Heptachlor	SW8081B	10	1.4	26	ND		ug/Kg	06/24/22	1:06	LA	466932
Aldrin	SW8081B	10	2.6	26	ND		ug/Kg	06/24/22	1:06	LA	466932
Heptachlor Epoxide	SW8081B	10	1.0	26	**6.01**	J	ug/Kg	06/24/22	1:06	LA	466932
gamma-Chlordane	SW8081B	10	2.1	26	**27.0**		ug/Kg	06/24/22	1:06	LA	466932
alpha-Chlordane	SW8081B	10	2.3	26	**21.1**	J	ug/Kg	06/24/22	1:06	LA	466932
4,4'-DDE	SW8081B	10	2.5	26	**55.6**		ug/Kg	06/24/22	1:06	LA	466932
Endosulfan I	SW8081B	10	2.4	26	ND		ug/Kg	06/24/22	1:06	LA	466932
Dieldrin	SW8081B	10	1.9	26	**16.1**	J	ug/Kg	06/24/22	1:06	LA	466932
Endrin	SW8081B	10	2.5	26	ND		ug/Kg	06/24/22	1:06	LA	466932
4,4'-DDD	SW8081B	10	7.4	26	ND		ug/Kg	06/24/22	1:06	LA	466932
Endosulfan II	SW8081B	10	7.5	26	ND		ug/Kg	06/24/22	1:06	LA	466932
4,4'-DDT	SW8081B	10	1.7	26	**71.8**		ug/Kg	06/24/22	1:06	LA	466932
Endrin Aldehyde	SW8081B	10	2.0	26	ND		ug/Kg	06/24/22	1:06	LA	466932
Methoxychlor	SW8081B	10	2.6	26	ND		ug/Kg	06/24/22	1:06	LA	466932
Endosulfan Sulfate	SW8081B	10	1.5	26	ND		ug/Kg	06/24/22	1:06	LA	466932
Endrin Ketone	SW8081B	10	1.2	26	ND		ug/Kg	06/24/22	1:06	LA	466932
Chlordane, Technical	SW8081B	10	28	260	**251**	J	ug/Kg	06/24/22	1:06	LA	466932
Toxaphene	SW8081B	10	110	660	ND		ug/Kg	06/24/22	1:06	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**83.5**		%	06/24/22	1:06	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**91.5**		%	06/24/22	1:06	LA	466932

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-8 (0.5-1)	**Lab Sample ID:**	2206165-016A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:08		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22	5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**31.2**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.31**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-8 (2.5-3)	**Lab Sample ID:**	2206165-017A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:10		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	7/6/22 7:40:00PM
Prep Batch ID:	1142980	**Prep Analyst:**	CTHACH

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.14	3.4	**151**		mg/Kg	07/07/22	19:30	AT	467349

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-8 (2.5-3)	**Lab Sample ID:**	2206165-017A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:10		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	7/6/22	5:00:00PM
Prep Batch ID:	1143025	**Prep Analyst:**	KAURN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**13.0**		%	07/07/22	11:45	NK	467333
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.13**		-	07/07/22	11:45	NK	467333

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-9 (0.5-1)	**Lab Sample ID:**	2206165-018A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:00		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22 8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.4	**55.0**		mg/Kg	06/24/22	13:57	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-9 (0.5-1)	**Lab Sample ID:**	2206165-018A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:00		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.14	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
gamma-BHC (Lindane)	SW8081B	1	0.18	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
beta-BHC	SW8081B	1	0.35	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
delta-BHC	SW8081B	1	0.17	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Heptachlor	SW8081B	1	0.12	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Aldrin	SW8081B	1	0.22	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Heptachlor Epoxide	SW8081B	1	0.087	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
gamma-Chlordane	SW8081B	1	0.18	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
alpha-Chlordane	SW8081B	1	0.19	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
4,4'-DDE	SW8081B	1	0.22	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Endosulfan I	SW8081B	1	0.21	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Dieldrin	SW8081B	1	0.17	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Endrin	SW8081B	1	0.21	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
4,4'-DDD	SW8081B	1	0.63	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Endosulfan II	SW8081B	1	0.65	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
4,4'-DDT	SW8081B	1	0.14	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Endrin Aldehyde	SW8081B	1	0.17	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Methoxychlor	SW8081B	1	0.22	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Endosulfan Sulfate	SW8081B	1	0.13	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Endrin Ketone	SW8081B	1	0.11	2.2	ND		ug/Kg	06/24/22	1:19	LA	466932
Chlordane, Technical	SW8081B	1	2.4	22	ND		ug/Kg	06/24/22	1:19	LA	466932
Toxaphene	SW8081B	1	9.5	56	ND		ug/Kg	06/24/22	1:19	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**85.3**		%	06/24/22	1:19	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**84.4**		%	06/24/22	1:19	LA	466932

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-9 (0.5-1)	**Lab Sample ID:**	2206165-018A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 10:00		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22	5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**11.6**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.12**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-10 (0.5-1)	**Lab Sample ID:**	2206165-020A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:50		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22 8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.3	**9.71**		mg/Kg	06/24/22	13:59	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-10 (0.5-1)	**Lab Sample ID:**	2206165-020A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:50		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	3	0.42	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
gamma-BHC (Lindane)	SW8081B	3	0.53	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
beta-BHC	SW8081B	3	1.1	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
delta-BHC	SW8081B	3	0.52	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
Heptachlor	SW8081B	3	0.35	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
Aldrin	SW8081B	3	0.65	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
Heptachlor Epoxide	SW8081B	3	0.26	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
gamma-Chlordane	SW8081B	3	0.54	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
alpha-Chlordane	SW8081B	3	0.58	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
4,4'-DDE	SW8081B	3	0.65	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
Endosulfan I	SW8081B	3	0.61	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
Dieldrin	SW8081B	3	0.49	6.7	**7.70**		ug/Kg	06/24/22	1:31	LA	466932
Endrin	SW8081B	3	0.63	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
4,4'-DDD	SW8081B	3	1.9	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
Endosulfan II	SW8081B	3	1.9	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
4,4'-DDT	SW8081B	3	0.43	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
Endrin Aldehyde	SW8081B	3	0.50	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
Methoxychlor	SW8081B	3	0.67	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
Endosulfan Sulfate	SW8081B	3	0.39	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
Endrin Ketone	SW8081B	3	0.31	6.7	ND		ug/Kg	06/24/22	1:31	LA	466932
Chlordane, Technical	SW8081B	3	7.0	67	ND		ug/Kg	06/24/22	1:31	LA	466932
Toxaphene	SW8081B	3	28	170	ND		ug/Kg	06/24/22	1:31	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**62.7**		%	06/24/22	1:31	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**69.2**		%	06/24/22	1:31	LA	466932

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-10 (0.5-1)	**Lab Sample ID:**	2206165-020A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:50		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22	5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**10.6**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.11**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-11 (0.5-1)	**Lab Sample ID:**	2206165-022A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:35		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22 8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.2	**45.1**		mg/Kg	06/24/22	14:01	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-11 (0.5-1)	**Lab Sample ID:**	2206165-022A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:35		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	20	2.7	43	ND		ug/Kg	06/24/22	2:12	LA	466932
gamma-BHC (Lindane)	SW8081B	20	3.4	43	ND		ug/Kg	06/24/22	2:12	LA	466932
beta-BHC	SW8081B	20	6.8	43	ND		ug/Kg	06/24/22	2:12	LA	466932
delta-BHC	SW8081B	20	3.3	43	ND		ug/Kg	06/24/22	2:12	LA	466932
Heptachlor	SW8081B	20	2.3	43	ND		ug/Kg	06/24/22	2:12	LA	466932
Aldrin	SW8081B	20	4.2	43	ND		ug/Kg	06/24/22	2:12	LA	466932
Heptachlor Epoxide	SW8081B	20	1.7	43	ND		ug/Kg	06/24/22	2:12	LA	466932
gamma-Chlordane	SW8081B	20	3.5	43	**20.5**	J	ug/Kg	06/24/22	2:12	LA	466932
alpha-Chlordane	SW8081B	20	3.7	43	**12.3**	J	ug/Kg	06/24/22	2:12	LA	466932
4,4'-DDE	SW8081B	20	4.2	43	**9.59**	J	ug/Kg	06/24/22	2:12	LA	466932
Endosulfan I	SW8081B	20	4.0	43	ND		ug/Kg	06/24/22	2:12	LA	466932
Dieldrin	SW8081B	20	3.2	43	**12.8**	J	ug/Kg	06/24/22	2:12	LA	466932
Endrin	SW8081B	20	4.1	43	ND		ug/Kg	06/24/22	2:12	LA	466932
4,4'-DDD	SW8081B	20	12	43	ND		ug/Kg	06/24/22	2:12	LA	466932
Endosulfan II	SW8081B	20	12	43	ND		ug/Kg	06/24/22	2:12	LA	466932
4,4'-DDT	SW8081B	20	2.8	43	**9.27**	J	ug/Kg	06/24/22	2:12	LA	466932
Endrin Aldehyde	SW8081B	20	3.3	43	ND		ug/Kg	06/24/22	2:12	LA	466932
Methoxychlor	SW8081B	20	4.3	43	ND		ug/Kg	06/24/22	2:12	LA	466932
Endosulfan Sulfate	SW8081B	20	2.5	43	ND		ug/Kg	06/24/22	2:12	LA	466932
Endrin Ketone	SW8081B	20	2.0	43	ND		ug/Kg	06/24/22	2:12	LA	466932
Chlordane, Technical	SW8081B	20	46	430	**170**	J	ug/Kg	06/24/22	2:12	LA	466932
Toxaphene	SW8081B	20	180	1100	ND		ug/Kg	06/24/22	2:12	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**0.000**	D	%	06/24/22	2:12	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**0.000**	D	%	06/24/22	2:12	LA	466932

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-11 (0.5-1)	**Lab Sample ID:**	2206165-022A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:35		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22 5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**8.48**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.08**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-12 (0.5-1)	**Lab Sample ID:**	2206165-024A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:05		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22	8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.2	**92.6**		mg/Kg	06/24/22	14:02	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-12 (0.5-1)	**Lab Sample ID:**	2206165-024A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:05		
SDG:			

Prep Method:	WET/3010B	**Prep Batch Date/Time:**	7/7/22	5:00:00PM
Prep Batch ID:	1143023	**Prep Analyst:**	ATRUONG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead (STLC)	SW6010B	1	0.050	0.20	**0.839**		mg/L	07/07/22	21:46	AT	467343

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-12 (0.5-1)	**Lab Sample ID:**	2206165-024A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:05		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	1.4	21	ND		ug/Kg	06/24/22	2:25	LA	466932
gamma-BHC (Lindane)	SW8081B	10	1.7	21	ND		ug/Kg	06/24/22	2:25	LA	466932
beta-BHC	SW8081B	10	3.4	21	ND		ug/Kg	06/24/22	2:25	LA	466932
delta-BHC	SW8081B	10	1.7	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Heptachlor	SW8081B	10	1.1	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Aldrin	SW8081B	10	2.1	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Heptachlor Epoxide	SW8081B	10	0.83	21	ND		ug/Kg	06/24/22	2:25	LA	466932
gamma-Chlordane	SW8081B	10	1.7	21	ND		ug/Kg	06/24/22	2:25	LA	466932
alpha-Chlordane	SW8081B	10	1.9	21	ND		ug/Kg	06/24/22	2:25	LA	466932
4,4'-DDE	SW8081B	10	2.1	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Endosulfan I	SW8081B	10	2.0	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Dieldrin	SW8081B	10	1.6	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Endrin	SW8081B	10	2.0	21	ND		ug/Kg	06/24/22	2:25	LA	466932
4,4'-DDD	SW8081B	10	6.0	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Endosulfan II	SW8081B	10	6.2	21	ND		ug/Kg	06/24/22	2:25	LA	466932
4,4'-DDT	SW8081B	10	1.4	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Endrin Aldehyde	SW8081B	10	1.6	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Methoxychlor	SW8081B	10	2.1	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Endosulfan Sulfate	SW8081B	10	1.3	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Endrin Ketone	SW8081B	10	1.0	21	ND		ug/Kg	06/24/22	2:25	LA	466932
Chlordane, Technical	SW8081B	10	23	210	ND		ug/Kg	06/24/22	2:25	LA	466932
Toxaphene	SW8081B	10	91	540	ND		ug/Kg	06/24/22	2:25	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**82.8**		%	06/24/22	2:25	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**76.3**		%	06/24/22	2:25	LA	466932

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-12 (0.5-1)	**Lab Sample ID:**	2206165-024A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:05		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22	5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**6.60**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.07**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-12 (4.5-5)	**Lab Sample ID:**	2206165-025A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:07		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	7/6/22	7:40:00PM
Prep Batch ID:	1142980	**Prep Analyst:**	CTHACH	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.15	3.7	**7.75**		mg/Kg	07/07/22	19:31	AT	467349

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-12 (4.5-5)	**Lab Sample ID:**	2206165-025A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:07		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	7/6/22	5:00:00PM
Prep Batch ID:	1143025	**Prep Analyst:**	KAURN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**22.0**		%	07/07/22	11:45	NK	467333
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.22**		-	07/07/22	11:45	NK	467333

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-13 (0.5-1)	**Lab Sample ID:**	2206165-026A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 8:45		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	6/23/22 8:00:00PM
Prep Batch ID:	1142690	**Prep Analyst:**	ATRUONG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Lead	SW6010B	1	0.13	3.3	**21.7**		mg/Kg	06/24/22	14:04	AT	467032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-13 (0.5-1)	**Lab Sample ID:**	2206165-026A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 8:45		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	6/22/22 10:22:00AM
Prep Batch ID:	1142566	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	3	0.42	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
gamma-BHC (Lindane)	SW8081B	3	0.52	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
beta-BHC	SW8081B	3	1.0	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
delta-BHC	SW8081B	3	0.51	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Heptachlor	SW8081B	3	0.35	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Aldrin	SW8081B	3	0.64	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Heptachlor Epoxide	SW8081B	3	0.26	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
gamma-Chlordane	SW8081B	3	0.54	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
alpha-Chlordane	SW8081B	3	0.57	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
4,4'-DDE	SW8081B	3	0.64	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Endosulfan I	SW8081B	3	0.60	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Dieldrin	SW8081B	3	0.49	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Endrin	SW8081B	3	0.62	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
4,4'-DDD	SW8081B	3	1.9	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Endosulfan II	SW8081B	3	1.9	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
4,4'-DDT	SW8081B	3	0.43	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Endrin Aldehyde	SW8081B	3	0.50	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Methoxychlor	SW8081B	3	0.66	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Endosulfan Sulfate	SW8081B	3	0.39	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Endrin Ketone	SW8081B	3	0.31	6.6	ND		ug/Kg	06/24/22	9:19	LA	466932
Chlordane, Technical	SW8081B	3	7.0	66	ND		ug/Kg	06/24/22	9:19	LA	466932
Toxaphene	SW8081B	3	28	170	ND		ug/Kg	06/24/22	9:19	LA	466932
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**39.1**	S	%	06/24/22	9:19	LA	466932
Decachlorobiphenyl (S)	SW8081B		38 - 135		**37.3**	S	%	06/24/22	9:19	LA	466932

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

S-surrogate outside of control limits due to matrix interference

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	SB-13 (0.5-1)	**Lab Sample ID:**	2206165-026A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Soil
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 8:45		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	6/24/22	5:10:00PM
Prep Batch ID:	1142635	**Prep Analyst:**	KAURN	

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**		%	06/24/22	11:30	NK	466977
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.10**		-	06/24/22	11:30	NK	466977

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	GW-1 (12)	**Lab Sample ID:**	2206165-028A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Groundwater
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:15		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	6/21/22 11:18:00AM
Prep Batch ID:	1142581	**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	06/21/22	21:48	JZ1	466924
Chloromethane	SW8260B	4.2	0.70	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Vinyl Chloride	SW8260B	4.2	0.87	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Bromomethane	SW8260B	4.2	0.89	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Chloroethane	SW8260B	4.2	0.48	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Trichlorofluoromethane	SW8260B	4.2	0.78	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,1-Dichloroethene	SW8260B	4.2	0.60	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Freon 113	SW8260B	4.2	1.4	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Methylene Chloride	SW8260B	4.2	0.55	4.2	ND		ug/L	06/21/22	21:48	JZ1	466924
trans-1,2-Dichloroethene	SW8260B	4.2	0.68	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
MTBE	SW8260B	4.2	0.32	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
tert-Butanol	SW8260B	4.2	12	21	ND		ug/L	06/21/22	21:48	JZ1	466924
DIPE	SW8260B	4.2	0.51	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,1-Dichloroethane	SW8260B	4.2	0.51	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
ETBE	SW8260B	4.2	0.27	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
cis-1,2-Dichloroethene	SW8260B	4.2	0.63	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
2,2-Dichloropropane	SW8260B	4.2	0.39	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Bromochloromethane	SW8260B	4.2	0.63	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Chloroform	SW8260B	4.2	0.51	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Carbon Tetrachloride	SW8260B	4.2	0.66	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,1,1-Trichloroethane	SW8260B	4.2	0.68	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,1-Dichloropropene	SW8260B	4.2	0.78	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Benzene	SW8260B	4.2	0.27	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
TAME	SW8260B	4.2	0.30	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,2-Dichloroethane	SW8260B	4.2	0.46	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Trichloroethylene	SW8260B	4.2	0.61	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Dibromomethane	SW8260B	4.2	0.45	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,2-Dichloropropane	SW8260B	4.2	0.37	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Bromodichloromethane	SW8260B	4.2	0.32	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
cis-1,3-Dichloropropene	SW8260B	4.2	0.33	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Toluene	SW8260B	4.2	0.60	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Tetrachloroethylene	SW8260B	4.2	1.00	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
trans-1,3-Dichloropropene	SW8260B	4.2	0.91	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,1,2-Trichloroethane	SW8260B	4.2	0.32	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Dibromochloromethane	SW8260B	4.2	0.76	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,3-Dichloropropane	SW8260B	4.2	0.91	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,2-Dibromoethane	SW8260B	4.2	0.33	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Chlorobenzene	SW8260B	4.2	0.68	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Ethylbenzene	SW8260B	4.2	0.82	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	GW-1 (12)	**Lab Sample ID:**	2206165-028A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Groundwater
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:15		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	6/21/22 11:18:00AM
Prep Batch ID:	1142581	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	4.2	0.37	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
m,p-Xylene	SW8260B	4.2	1.7	4.2	ND		ug/L	06/21/22	21:48	JZ1	466924
o-Xylene	SW8260B	4.2	0.65	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Styrene	SW8260B	4.2	0.46	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Bromoform	SW8260B	4.2	0.32	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Isopropyl Benzene	SW8260B	4.2	0.91	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
n-Propylbenzene	SW8260B	4.2	1.2	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
Bromobenzene	SW8260B	4.2	0.63	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,1,2,2-Tetrachloroethane	SW8260B	4.2	0.33	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
2-Chlorotoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,3,5-Trimethylbenzene	SW8260B	4.2	1.0	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,2,3-Trichloropropane	SW8260B	4.2	0.61	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
4-Chlorotoluene	SW8260B	4.2	0.90	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
tert-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,2,4-Trimethylbenzene	SW8260B	4.2	0.97	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
p-Isopropyltoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,3-Dichlorobenzene	SW8260B	4.2	0.70	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,4-Dichlorobenzene	SW8260B	4.2	0.74	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
n-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,2-Dichlorobenzene	SW8260B	4.2	0.67	2.1	ND		ug/L	06/21/22	21:48	JZ1	466924
1,2-Dibromo-3-Chloropropane	SW8260B	4.2	3.2	8.4	ND		ug/L	06/21/22	21:48	JZ1	466924
Hexachlorobutadiene	SW8260B	4.2	2.6	8.4	ND		ug/L	06/21/22	21:48	JZ1	466924
1,2,4-Trichlorobenzene	SW8260B	4.2	3.9	8.4	ND		ug/L	06/21/22	21:48	JZ1	466924
Naphthalene	SW8260B	4.2	5.1	8.4	ND		ug/L	06/21/22	21:48	JZ1	466924
1,2,3-Trichlorobenzene	SW8260B	4.2	5.1	8.4	ND		ug/L	06/21/22	21:48	JZ1	466924
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**102**		%	06/21/22	21:48	JZ1	466924
(S) Toluene-d8	SW8260B		75.1 - 127		**104**		%	06/21/22	21:48	JZ1	466924
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**98.5**		%	06/21/22	21:48	JZ1	466924

NOTE: Reporting limits were raised due to foaming during purge

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/20/22, 4:00 pm
Date Reported: 06/27/22

Client Sample ID:	GW-1 (12)	**Lab Sample ID:**	2206165-028A
Project Name/Location:	SJ Buddhist Church GE	**Sample Matrix:**	Groundwater
Project Number:	1353-1-4		
Date/Time Sampled:	06/20/22 / 9:15		
SDG:			

Prep Method:	5030GRO	**Prep Batch Date/Time:**	6/21/22	11:18:00AM
Prep Batch ID:	1142582	**Prep Analyst:**	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH Gasoline	8260TPH	4.2	120	210	ND		ug/L	06/21/22	21:48	JZ	466924
(S) 4-Bromofluorobenzene	8260TPH		41.5 - 125		**72.7**		%	06/21/22	21:48	JZ	466924

NOTE: Reporting limits were raised due to foaming during purge

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2206165	**Prep Method:**	3546_OCP	**Prep Date:**	06/22/22	**Prep Batch:**	1142566
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	6/22/2022	**Analytical Batch:**	466932
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.25	2.0	ND	
gamma-BHC (Lindane)	0.71	2.0	ND	
beta-BHC	0.44	2.0	ND	
delta-BHC	0.65	2.0	ND	
Heptachlor	0.27	2.0	ND	
Aldrin	0.29	2.0	ND	
Heptachlor Epoxide	0.31	2.0	ND	
gamma-Chlordane	1.5	3.0	ND	
alpha-Chlordane	0.36	2.0	ND	
4,4'-DDE	0.61	2.0	ND	
Endosulfan I	0.29	2.0	ND	
Dieldrin	0.25	2.0	ND	
Endrin	0.79	2.0	ND	
4,4'-DDD	0.64	2.0	ND	
Endosulfan II	0.34	2.0	ND	
4,4'-DDT	0.74	2.0	ND	
Endrin Aldehyde	0.51	2.0	ND	
Methoxychlor	2.6	6.0	ND	
Endosulfan Sulfate	0.51	2.0	ND	
Endrin Ketone	0.43	2.0	ND	
Chlordane, Technical	13	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			91.8	
Decachlorobiphenyl (S)			93.8	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2206165	**Prep Method:**	5030VOC	**Prep Date:**	06/21/22	**Prep Batch:**	1142581
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	6/21/2022	**Analytical Batch:**	466924
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	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2206165	**Prep Method:**	5030VOC	**Prep Date:**	06/21/22	**Prep Batch:**	1142581
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	6/21/2022	**Analytical Batch:**	466924
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	0.26	
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			100	
(S) Toluene-d8			104	
(S) 4-Bromofluorobenzene			107	

Work Order:	2206165	**Prep Method:**	5030GRO	**Prep Date:**	06/21/22	**Prep Batch:**	1142582
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	6/21/2022	**Analytical Batch:**	466924
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH Gasoline	29	50	ND	
(S) 4-Bromofluorobenzene			71.3	

Work Order:	2206165	**Prep Method:**	% Water-P	**Prep Date:**	06/24/22	**Prep Batch:**	1142635
Matrix:	Soil	**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	6/24/2022	**Analytical Batch:**	466977
Units:	%						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2206165	**Prep Method:**	3050B	**Prep Date:**	06/23/22	**Prep Batch:**	1142690
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	6/27/2022	**Analytical Batch:**	467032
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Lead	0.10	3.00	ND	

Work Order:	2206165	**Prep Method:**	3050B	**Prep Date:**	07/06/22	**Prep Batch:**	1142980
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	7/7/2022	**Analytical Batch:**	467349
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	0.14	
Arsenic	0.15	1.30	0.26	
Barium	0.055	5.00	0.055	
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	3.00	ND	
Molybdenum	0.050	5.00	0.15	
Nickel	0.50	5.00	ND	
Selenium	0.22	5.00	ND	
Silver	0.15	1.00	ND	
Thallium	0.55	5.00	ND	
Vanadium	0.10	5.00	0.11	
Zinc	0.30	5.00	0.40	

Work Order:	2206165	**Prep Method:**	1311/3010A	**Prep Date:**	07/06/22	**Prep Batch:**	1142998
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	7/7/2022	**Analytical Batch:**	467309
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Lead (TCLP)	0.050	0.20	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2206165	**Prep Method:**	WET/3010B	**Prep Date:**	07/07/22	**Prep Batch:**	1143023
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	7/7/2022	**Analytical Batch:**	467343
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.030	
Lead (STLC)	0.050	0.20	ND	

Work Order:	2206165	**Prep Method:**	% Water-P	**Prep Date:**	07/06/22	**Prep Batch:**	1143025
Matrix:	Soil	**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	7/7/2022	**Analytical Batch:**	467333
Units:	%						

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

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2206165	**Prep Method:**	3546_OCP	**Prep Date:**	06/22/22	**Prep Batch:**	1142566
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	6/22/2022	**Analytical Batch:**	466932
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	99.0	105	5.64	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	97.0	105	7.92	40 - 130	30	
Aldrin	0.20	2.0	ND	40	94.4	101	6.90	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	94.7	102	7.37	60 - 130	30	
Endrin	0.19	2.0	ND	40	93.0	101	8.49	55 - 135	30	
4,4'-DDT	0.13	2.0	ND	40	102	109	6.64	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	90.7	94.0		48 - 125		
Decachlorobiphenyl (S)				100	88.8	93.0		38 - 135		

Work Order:	2206165	**Prep Method:**	5030VOC	**Prep Date:**	06/21/22	**Prep Batch:**	1142581
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	6/21/2022	**Analytical Batch:**	466924
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	107	95.3	11.6	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	100	88.2	12.5	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	101	96.1	5.10	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	120	111	8.23	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	105	97.5	7.73	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	89.7	78.9		61.2 - 131		
(S) Toluene-d8				17.9	113	106		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	99.5	90.1		64.1 - 120		

Work Order:	2206165	**Prep Method:**	5030GRO	**Prep Date:**	06/21/22	**Prep Batch:**	1142582
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	6/21/2022	**Analytical Batch:**	466924
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	93.8	86.6	7.93	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	83.2	68.8		41.5 - 125		

Work Order:	2206165	**Prep Method:**	3050B	**Prep Date:**	06/23/22	**Prep Batch:**	1142690
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	6/27/2022	**Analytical Batch:**	467032
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	ND	50	97.2	96.2	1.03	80 - 120	30	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2206165	**Prep Method:**	3050B	**Prep Date:**	07/06/22	**Prep Batch:**	1142980
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	7/7/2022	**Analytical Batch:**	467349
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	0.14	50	102	102	0.000	80 - 120	30	
Arsenic	0.15	1.30	0.26	50	101	102	0.985	80 - 120	30	
Barium	0.055	5.00	0.055	50	102	103	0.976	80 - 120	30	
Beryllium	0.055	5.00	ND	50	103	104	0.966	80 - 120	30	
Cadmium	0.10	5.00	ND	50	102	102	0.000	80 - 120	30	
Chromium	0.075	5.00	ND	50	102	103	0.976	80 - 120	30	
Cobalt	0.070	5.00	ND	50	102	103	0.976	80 - 120	30	
Copper	0.20	5.00	ND	50	102	104	1.94	80 - 120	30	
Lead	0.10	3.00	ND	50	102	103	0.976	80 - 120	30	
Molybdenum	0.050	5.00	0.15	50	102	103	0.976	80 - 120	30	
Nickel	0.50	5.00	ND	50	101	102	0.985	80 - 120	30	
Selenium	0.22	5.00	ND	50	102	103	0.976	80 - 120	30	
Silver	0.15	5.00	ND	50	99.4	100	0.602	80 - 120	30	
Thallium	0.20	5.00	ND	50	101	102	0.985	80 - 120	30	
Vanadium	0.10	5.00	0.11	50	102	103	0.976	80 - 120	30	
Zinc	0.30	5.00	0.40	50	102	103	0.976	80 - 120	30	

Work Order:	2206165	**Prep Method:**	1311/3010A	**Prep Date:**	07/06/22	**Prep Batch:**	1142998
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	7/7/2022	**Analytical Batch:**	467309
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Lead (TCLP)	0.050	0.20	ND	10	93.2	94.6	1.49	80 - 120	20	

Work Order:	2206165	**Prep Method:**	WET/3010B	**Prep Date:**	07/07/22	**Prep Batch:**	1143023
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	7/7/2022	**Analytical Batch:**	467343
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.030	10	91.4	91.2	0.219	80 - 120	20	
Lead (STLC)	0.050	0.20	ND	10	90.8	90.8	0.000	80 - 120	20	

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2206165	**Prep Method:**	3546_OCP	**Prep Date:**	06/22/22	**Prep Batch:**	1142566
Matrix:	**Soil**	**Analytical Method:**	SW8081B	**Analyzed Date:**	6/24/2022	**Analytical Batch:**	466932
Spiked Sample:	2206165-026A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.477	6.00	ND	40	42.1	53.5	23.7	25 - 135	30	
Heptachlor	0.315	6.00	ND	40	52.9	59.3	11.5	40 - 130	30	
Aldrin	0.585	6.00	ND	40	60.2	65.2	8.01	25 - 140	30	
Dieldrin	0.444	6.00	ND	40	61.6	69.5	10.3	60 - 130	30	
Endrin	0.564	6.00	ND	40	59.4	65.9	10.3	55 - 135	30	
4,4'-DDT	0.387	6.00	ND	40	53.5	58.3	8.45	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	54.0	57.7		48 - 125		
Decachlorobiphenyl (S)				100	45.0	51.8		38 - 135		

Work Order:	2206165	**Prep Method:**	3050B	**Prep Date:**	06/23/22	**Prep Batch:**	1142690
Matrix:	**Soil**	**Analytical Method:**	SW6010B	**Analyzed Date:**	6/27/2022	**Analytical Batch:**	467032
Spiked Sample:	2206165-001A						
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	28.0	50	81.0	91.0	7.04	67.9 - 118	30	

Torrent LABORATORY, INC.

Duplicate QC Summary Report

Work Order:	2206165	**Prep Method:**	% Water-P	**Prep Date:**	6/24/2022	**Prep Batch:**	1142635
Matrix:		**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	06/24/22	**Analytical Batch:**	466977
Units:						**Lab Sample ID:**	2206165-012A-DUP-1142635

Parameters	MDL	PQL	Sample Result	Duplicate Result	% RPD
Moisture, Percent	0.050	0.0500	10.1	9.89	2.10

Work Order:	2206165	**Prep Method:**	% Water-P	**Prep Date:**	6/24/2022	**Prep Batch:**	1142635
Matrix:		**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	06/24/22	**Analytical Batch:**	466977
Units:						**Lab Sample ID:**	2206165-014A-DUP-1142635

Parameters	MDL	PQL	Sample Result	Duplicate Result	% RPD
Moisture, Percent	0.050	0.0500	15.1	15.7	3.90

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: Cornerstone Earth Group

Project Name: SJ Buddhist Church GE

Work Order No.: 2206165

Date and Time Received: 6/20/2022 4:00:00PM

Received By: Lorna Imbat

Physically Logged By: Lorna Imbat

Checklist Completed By: Nutan Kabir

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes		
Container/Temp Blank temperature in compliance?		Temperature:	8.0 °C
Water-VOA vials have zero headspace?	Yes		
Water-pH acceptable upon receipt?	N/A		

pH Checked by: na

pH Adjusted by: na

Comments:

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5119 Cornerstone Earth Group
Project Name: SJ Buddhist Church GE
Project # : 1353-1-4
Report Due Date: 7/8/2022

QC Level: II
TAT Requested: 5+ day:5
Date Received: 6/20/2022
Time Received: 4:00 pm

Comments:

Work Order # : ***2206165***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2206165-001A	SB-1 (0.5-1)	06/20/22 8:21	Soil	12/17/22			PMOIST Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
Sample Note:	Pb & OCPs							
2206165-002A	SB-1 (5-5.5)	06/20/22 8:24	Soil	12/17/22			Hold Samples	
2206165-003A	SB-1 (12.5-13)	06/20/22 8:35	Soil	12/17/22			Hold Samples	
2206165-003B	SB-1 (12.5-13)	06/20/22 8:35	Soil	12/17/22			Hold Samples	
2206165-004A	SB-2 (0.5-1)	06/20/22 11:10	Soil	12/17/22			PMOIST Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
2206165-005A	SB-2 (2.5-3)	06/20/22 11:15	Soil	12/17/22			Hold Samples	
2206165-006A	SB-3 (0.5-1)	06/20/22 11:00	Soil	12/17/22			PMOIST Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
2206165-007A	SB-3 (2-3)	06/20/22 11:05	Soil	12/17/22			Hold Samples Met_S_AsPb Dry Wt PMOIST	
2206165-008A	SB-4 (0.5-1)	06/20/22 10:55	Soil	12/17/22			PMOIST Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
2206165-009A	SB-4 (2.5-3)	06/20/22 10:57	Soil	12/17/22			Hold Samples	
2206165-010A	SB-5 (0.5-1)	06/20/22 10:50	Soil	12/17/22			PMOIST Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
2206165-011A	S-5 (2.5-3)	06/20/22 10:52	Soil	12/17/22			Hold Samples	
2206165-012A	SB-6 (0-1)	06/20/22 10:20	Soil	12/17/22			PMOIST Met_S_AsPb Dry Wt Pest_S_8081 DryWt	

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5119 Cornerstone Earth Group
Project Name: SJ Buddhist Church GE
Project # : 1353-1-4
Report Due Date: 7/8/2022

QC Level: II
TAT Requested: 5+ day:5
Date Received: 6/20/2022
Time Received: 4:00 pm

Comments:

Work Order # : ***2206165***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2206165-013A	SB-6 (3.5-4)	06/20/22 10:35	Soil	12/17/22			Hold Samples	
2206165-014A	SB-7 (0.5-1)	06/20/22 10:17	Soil	12/17/22			PMOIST Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
2206165-015A	SB-7 (2-3)	06/20/22 10:20	Soil	12/17/22			Hold Samples	
2206165-016A	SB-8 (0.5-1)	06/20/22 10:08	Soil	12/17/22			PMOIST Met_S_CAM17STLC Met_S_CAM17TCLP Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
2206165-017A	SB-8 (2.5-3)	06/20/22 10:10	Soil	12/17/22			Hold Samples Met_S_AsPb Dry Wt PMOIST	
2206165-018A	SB-9 (0.5-1)	06/20/22 10:00	Soil	12/17/22			PMOIST Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
2206165-019A	SB-9 (4-4.5)	06/20/22 10:02	Soil	12/17/22			Hold Samples	
2206165-020A	SB-10 (0.5-1)	06/20/22 9:50	Soil	12/17/22			PMOIST Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
2206165-021A	SB-10 (3-3.5)	06/20/22 9:52	Soil	12/17/22			Hold Samples	
2206165-022A	SB-11 (0.5-1)	06/20/22 9:35	Soil	12/17/22			PMOIST Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
2206165-023A	SB-11 (4-4.5)	06/20/22 9:38	Soil	12/17/22			Hold Samples	
2206165-024A	SB-12 (0.5-1)	06/20/22 9:05	Soil	12/17/22			PMOIST Met_S_CAM17STLC Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
2206165-025A	SB-12 (4.5-5)	06/20/22 9:07	Soil	12/17/22				

Login Summary Report

Client ID: TL5119 Cornerstone Earth Group
Project Name: SJ Buddhist Church GE
Project # : 1353-1-4
Report Due Date: 7/8/2022

QC Level: II
TAT Requested: 5+ day:5
Date Received: 6/20/2022
Time Received: 4:00 pm

Comments:

Work Order # : ***2206165***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2206165-026A	SB-13 (0.5-1)	06/20/22 8:45	Soil	12/17/22			Hold Samples Met_S_AsPb Dry Wt PMOIST	
2206165-027A	SB-13 (4-4.5)	06/20/22 8:50	Soil	12/17/22			PMOIST Met_S_AsPb Dry Wt Pest_S_8081 DryWt	
2206165-028A	GW-1 (12)	06/20/22 9:15	Water	08/04/22			Hold Samples	
2206165-028B	GW-1 (12)	06/20/22 9:15	Water	12/17/22			VOC_W_8260B VOC_W_GRO Hold Samples	

Torrent LABORATORY, INC.

CORNERSTONE EARTH GROUP

Chain of Custody Record

2206165

	Project Manager: Kurt Soenen	Site Sampler: Bill Peralta (BMP)	Date: 6/20/2022	COC No: 1	
Cornerstone Earth Group, Inc.	Tel/Fax: 408-731-0674	Lab Contact: Kathie Evans	Lab: Torrent	1 of 3 COCs	
1259 Oakmead Parkway	Analysis Turnaround Time			Laboratory's Job No.	
Sunnyvale, CA 94085					
(408)-245-4600 Phone	TAT if different from Below _____				
(408)-245-4620 FAX	◉ 1 WEEK				
Project Name: SJ Buddhist Church GE	○ 3 DAY				
Site: 639 N 5th St., San Jose	○ 2 DAY				
Project Number: 1353-1-4	○ 1 DAY				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Pb Total 6010B	OCPs 8081A	VOCs + TPHg 8260B	Hold	Laboratory's Sample Specific Notes:
SB-1 (0.5-1)	6.20.22	0821	liner	Soil	1		X	X			001A
SB-1 (5-5.5)		0824	liner		1					X	002A
SB-1 (12.5-13)		0835	liner CNO		4					X	003A/B
SB-2 (0.5-1)		1110	liner		1		X	X			004A
SB-2 (2.5-3)		1115								X	005A
SB-3 (0.5-1)		1100					X	X			006A
SB-3 (2-3)		1105								X	007A
SB-4 (0.5-1)		1055					X	X			008A
SB-4 (2.5-3)		1057								X	009A
SB-5 (0.5-1)		1050					X	X			010A
SB-5 (2.5-3)		1052								X	011A
	BMP										

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other BMP

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: Please email results to: ksoenen@cornerstoneearth.com; mchang@cornerstoneearth.com; and bperalta@cornerstoneearth.com

REPORT ALL SOLIDS ON A DRY-WEIGHT BASIS

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
B. Peralta	Cornerstone Earth Group	6.20.22/1615	L.D. Dubay		6-20-22 4:00
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

D/o temp 8.4

Torrent LABORATORY, INC.

CORNERSTONE EARTH GROUP

Chain of Custody Record

2206165

	Project Manager: Kurt Soenen	Site Sampler: Bill Peralta	Date: 6/20/2022	COC No: 1	
Cornerstone Earth Group, Inc.	Tel/Fax: 408-731-0674	Lab Contact: Kathie Evans	Lab: Torrent	2 of 3 COCs	
1259 Oakmead Parkway	Analysis Turnaround Time			Laboratory's Job No.	
Sunnyvale, CA 94085					
(408)-245-4600 Phone	TAT if different from Below _____				
(408)-245-4620 FAX	● 1 WEEK				
Project Name: SJ Buddhist Church GE	○ 3 DAY				
Site: 639 N 5th St., San Jose	○ 2 DAY				
Project Number: 1353-1-4	○ 1 DAY				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Pb Total 6010B	OCPs 8081A	VOCs + TPHg 8260B	Hold	Laboratory's Sample Specific Notes:
SB-6 (0-1)	6.20.22	1030	liner	Soil	1		X	X			012A
SB-6 (3.5-4)		1035								X	013A
SB-7 (0.5-1)		1017					X	X			014A
SB-7 (2-3)		1020								X	015A
SB-8 (0.5-1)		1008					X	X			016A
SB-8 (2.5-3)		1010								X	017A
SB-9 (0.5-1)		1000					X	X			018A
SB-9 (4-4.5)		1002								X	019A
SB-10 (0.5-1)		0950					X	X			020A
SB-10 (3-3.5)		0952								X	021A
SB-11 (0.5-1)		0935					X	X			022A
SB-11 (4-4.5)		0938								X	023A

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification

□ *Non-Hazard* □ *Flammable* □ *Skin Irritant* □ *Poison B* □ *Unknown*

Sample Disposal

□ *Return To Client* □ *Disposal By Lab* □ *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments: Please email results to: ksoenen@cornerstoneearth.com; mchang@cornerstoneearth.com; and bperalta@cornerstoneearth.com

REPORT ALL SOLIDS ON A DRY-WEIGHT BASIS

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
BMP	Cornerstone Earth Group	6.20.22/1615	L. D. Imlay		6-20-22 1700
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

D/O temp 8.4 #3

Torrent LABORATORY, INC.

CORNERSTONE EARTH GROUP

Chain of Custody Record

2206165

	Project Manager: Kurt Soenen	Site Sampler: Bill Peralta	Date: 6/20/2022	COC No: 1	
Cornerstone Earth Group, Inc.	Tel/Fax: 408-731-0674	Lab Contact: Kathie Evans	Lab: Torrent	3 of 3 COCs	
1259 Oakmead Parkway	Analysis Turnaround Time			Laboratory's Job No.	
Sunnyvale, CA 94085					
(408)-245-4600 Phone	TAT if different from Below _____				
(408)-245-4620 FAX	● 1 WEEK				
Project Name: SJ Buddhist Church GE	○ 3 DAY				
Site: 639 N 5th St., San Jose	○ 2 DAY				
Project Number: 1353-1-4	○ 1 DAY				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Pb Total 6010B	OCPs 8081A	VOCs + TPHg 8260B	Hold	Laboratory's Sample Specific Notes:
SB-12 (0.5-1)	6.20.22	0905	liner	soil	1		X	X			024A
SB-12 (4.5-5)	↓	0907	↓	↓	↓					X	025A
SB-13 (0.5-1)		0845					X	X			026A
SB-13 (4-4.5)		0850	↓	↓	↓					X	027A
GW-1 (12)	↓	0915	amber + VOA	water	5				X		028A|B

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification

□ *Non-Hazard* □ *Flammable* □ *Skin Irritant* □ *Poison B* □ *Unknown*

Sample Disposal

□ *Return To Client* □ *Disposal By Lab* □ *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments: Please email results to: ksoenen@cornerstoneearth.com; mchang@cornerstoneearth.com; and bperalta@cornerstoneearth.com

REPORT ALL SOLIDS ON A DRY-WEIGHT BASIS

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
BMP	Cornerstone Earth Group	6.20.22/1615	L-D-Imbat		6-20-22 4:00
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

D/O temp 8.4 #3

Cornerstone Earth Group
1259 Oakmead Parkway
Sunnyvale, California 94035
Tel: (408) 245-4600
Fax: (408) 245-4620

RE: 639 North 5th St. S.J

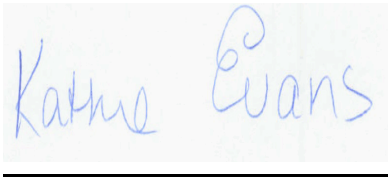
Work Order No.: 2206191

Dear Kurt Soenen:

Torrent Laboratory, Inc. received 7 sample(s) on June 22, 2022 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.



Kathie Evans
Project Manager

June 29, 2022
Date

Torrent LABORATORY, INC.

Date: 6/29/2022

Client: Cornerstone Earth Group

Project: 639 North 5th St. S.J

Work Order: 2206191

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 Laboratory, Inc.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date Received: 06/22/22
Date Reported: 06/29/22

SV-1-5 2206191-001

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Dioxide	D1946	2.3	0.023	0.12	0.80%
Oxygen	D1946	2.3	0.024	0.12	22%
2-Propanol (Isopropyl Alcohol)	ETO15	1	1.3	12	19
Acetone	ETO15	1	0.40	12	23

SV-1-9 2206191-002

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Dioxide	D1946	6.3	0.063	0.32	0.92%
Oxygen	D1946	6.3	0.066	0.32	22%
Carbon Disulfide	ETO15	1	0.37	1.6	6.9
Acetone	ETO15	1	0.40	12	31
Hexane	ETO15	1	0.46	1.8	3.5
2-Butanone (MEK)	ETO15	1	0.39	1.5	4.0
Benzene	ETO15	1	0.44	1.6	13
Toluene	ETO15	1	0.75	1.9	4.2
TPH-Gasoline	TO-15	1	40	180	1400

SV-2-5 2206191-003

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Dioxide	D1946	16.6	0.17	0.83	2.0%
Oxygen	D1946	16.6	0.18	0.83	21%
Carbon Disulfide	ETO15	1	0.37	1.6	4.4
Acetone	ETO15	1	0.40	12	35
Hexane	ETO15	1	0.46	1.8	2.2
tert-Butanol	ETO15	1	0.62	1.5	2.2
2-Butanone (MEK)	ETO15	1	0.39	1.5	6.4
Benzene	ETO15	1	0.44	1.6	4.3
Toluene	ETO15	1	0.75	1.9	2.6
Naphthalene	ETO15	1	1.3	2.6	4.2
TPH-Gasoline	TO-15	1	40	180	663

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date Received: 06/22/22
Date Reported: 06/29/22

SV-2-9 2206191-004

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Dioxide	D1946	9.2	0.092	0.46	2.6%
Oxygen	D1946	9.2	0.097	0.46	21%
Carbon Disulfide	ETO15	1	0.37	1.6	2.4
Acetone	ETO15	1	0.40	12	18
Hexane	ETO15	1	0.46	1.8	4.3
tert-Butanol	ETO15	1	0.62	1.5	10
2-Butanone (MEK)	ETO15	1	0.39	1.5	2.9
Ethyl Acetate	ETO15	1	0.48	1.8	8.9
Tetrahydrofuran	ETO15	1	0.45	1.5	1.9
Benzene	ETO15	1	0.44	1.6	2.2
Toluene	ETO15	1	0.75	1.9	2.2
1,1,2-Trichloroethane	ETO15	1	0.58	2.7	2.8
TPH-Gasoline	TO-15	1	40	180	1070

SV-3-5 2206191-005

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Dioxide	D1946	2.2	0.022	0.11	0.32%
Oxygen	D1946	2.2	0.023	0.11	21%
2-Propanol (Isopropyl Alcohol)	ETO15	1	1.3	12	87
Acetone	ETO15	1	0.40	12	28
2-Butanone (MEK)	ETO15	1	0.39	1.5	3.2

SV-3-5 (IPA) 2206191-006

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
2-Propanol (Isopropyl Alcohol)	ETO15	2400	3100	30000	950000

SV-3-9 2206191-007

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Dioxide	D1946	3.5	0.035	0.18	0.49%
Oxygen	D1946	3.5	0.037	0.18	21%
Carbon Disulfide	ETO15	1	0.37	1.6	1.9
2-Propanol (Isopropyl Alcohol)	ETO15	1	1.3	12	1600
Hexane	ETO15	1	0.46	1.8	7.9
tert-Butanol	ETO15	1	0.62	1.5	2.0
Chloroform	ETO15	1	0.97	2.4	2.4
Vinyl Acetate	ETO15	1	0.76	1.8	4.6
2-Butanone (MEK)	ETO15	1	0.39	1.5	3.5
Benzene	ETO15	1	0.44	1.6	2.8
1,1,2-Trichloroethane	ETO15	1	0.58	2.7	3.7
TPH-Gasoline	TO-15	1	40	180	1290

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-1-5	**Lab Sample ID:**	2206191-001A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 9:47	**Certified Clean WO # :**	
Canister/Tube ID:	A12197	**Received PSI :**	12.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: FG-P **Prep Batch Date/Time:** 6/27/22 6:21:00PM
Prep Batch ID: 1142745 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	2.30	0.023	0.12	0.80			06/28/22	13:22	BA	467072
Oxygen	D1946	2.30	0.024	0.12	22			06/28/22	13:22	BA	467072
Methane	D1946	2.30	0.0054	0.012	ND	ND		06/28/22	13:22	BA	467072

Prep Method: TO15-P **Prep Batch Date/Time:** 6/23/22 3:00:00PM
Prep Batch ID: 1142678 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	1.00	1.6	2.5	ND	ND		06/24/22	11:39	BA	467018
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		06/24/22	11:39	BA	467018
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		06/24/22	11:39	BA	467018
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		06/24/22	11:39	BA	467018
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		06/24/22	11:39	BA	467018
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		06/24/22	11:39	BA	467018
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		06/24/22	11:39	BA	467018
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		06/24/22	11:39	BA	467018
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		06/24/22	11:39	BA	467018
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	11:39	BA	467018
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		06/24/22	11:39	BA	467018
Carbon Disulfide	ETO15	1.00	0.37	1.6	ND	ND		06/24/22	11:39	BA	467018
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	19	7.72		06/24/22	11:39	BA	467018
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		06/24/22	11:39	BA	467018
Acetone	ETO15	1.00	0.40	12	23	9.66		06/24/22	11:39	BA	467018
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		06/24/22	11:39	BA	467018
Hexane	ETO15	1.00	0.46	1.8	ND	ND		06/24/22	11:39	BA	467018
MTBE	ETO15	1.00	0.44	1.8	ND	ND		06/24/22	11:39	BA	467018
tert-Butanol	ETO15	1.00	0.62	1.5	ND	ND		06/24/22	11:39	BA	467018
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		06/24/22	11:39	BA	467018
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		06/24/22	11:39	BA	467018
ETBE	ETO15	1.00	0.33	2.1	ND	ND		06/24/22	11:39	BA	467018
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	11:39	BA	467018
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		06/24/22	11:39	BA	467018
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		06/24/22	11:39	BA	467018
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		06/24/22	11:39	BA	467018
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		06/24/22	11:39	BA	467018

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-1-5	**Lab Sample ID:**	2206191-001A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 9:47	**Certified Clean WO # :**	
Canister/Tube ID:	A12197	**Received PSI :**	12.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	6/23/22	3:00:00PM
Prep Batch ID:	1142678	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	ND	ND		06/24/22	11:39	BA	467018
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		06/24/22	11:39	BA	467018
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		06/24/22	11:39	BA	467018
Benzene	ETO15	1.00	0.44	1.6	ND	ND		06/24/22	11:39	BA	467018
TAME	ETO15	1.00	0.67	2.1	ND	ND		06/24/22	11:39	BA	467018
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		06/24/22	11:39	BA	467018
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		06/24/22	11:39	BA	467018
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		06/24/22	11:39	BA	467018
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		06/24/22	11:39	BA	467018
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		06/24/22	11:39	BA	467018
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		06/24/22	11:39	BA	467018
Toluene	ETO15	1.00	0.75	1.9	ND	ND		06/24/22	11:39	BA	467018
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		06/24/22	11:39	BA	467018
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		06/24/22	11:39	BA	467018
Tetrachloroethylene	ETO15	1.00	1.5	3.4	ND	ND		06/24/22	11:39	BA	467018
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		06/24/22	11:39	BA	467018
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		06/24/22	11:39	BA	467018
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		06/24/22	11:39	BA	467018
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		06/24/22	11:39	BA	467018
Ethyl Benzene	ETO15	1.00	0.63	2.2	ND	ND		06/24/22	11:39	BA	467018
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		06/24/22	11:39	BA	467018
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		06/24/22	11:39	BA	467018
m,p-Xylene	ETO15	1.00	0.98	2.2	ND	ND		06/24/22	11:39	BA	467018
o-Xylene	ETO15	1.00	0.30	2.2	ND	ND		06/24/22	11:39	BA	467018
Styrene	ETO15	1.00	0.46	2.1	ND	ND		06/24/22	11:39	BA	467018
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		06/24/22	11:39	BA	467018
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		06/24/22	11:39	BA	467018
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	ND	ND		06/24/22	11:39	BA	467018
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	ND	ND		06/24/22	11:39	BA	467018
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	ND	ND		06/24/22	11:39	BA	467018
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		06/24/22	11:39	BA	467018
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		06/24/22	11:39	BA	467018
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		06/24/22	11:39	BA	467018
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		06/24/22	11:39	BA	467018
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		06/24/22	11:39	BA	467018
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		06/24/22	11:39	BA	467018
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	99 %			06/24/22	11:39	BA	467018

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-1-5	**Lab Sample ID:**	2206191-001A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 9:47	**Certified Clean WO # :**	
Canister/Tube ID:	A12197	**Received PSI :**	12.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	6/23/22	3:00:00PM
Prep Batch ID:	1142725	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
TPH-Gasoline	TO-15	1.00	40	180	ND	ND		06/24/22	11:39	BA	467018

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-1-9	**Lab Sample ID:**	2206191-002A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 10:14	**Certified Clean WO # :**	
Canister/Tube ID:	N3984	**Received PSI :**	11.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: FG-P **Prep Batch Date/Time:** 6/27/22 6:21:00PM
Prep Batch ID: 1142745 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	6.30	0.063	0.32	0.92			06/28/22	13:52	BA	467072
Oxygen	D1946	6.30	0.066	0.32	22			06/28/22	13:52	BA	467072
Methane	D1946	6.30	0.015	0.032	ND	ND		06/28/22	13:52	BA	467072

Prep Method: TO15-P **Prep Batch Date/Time:** 6/23/22 3:00:00PM
Prep Batch ID: 1142678 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	1.00	1.6	2.5	ND	ND		06/24/22	12:18	BA	467018
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		06/24/22	12:18	BA	467018
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		06/24/22	12:18	BA	467018
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		06/24/22	12:18	BA	467018
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		06/24/22	12:18	BA	467018
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		06/24/22	12:18	BA	467018
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		06/24/22	12:18	BA	467018
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		06/24/22	12:18	BA	467018
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		06/24/22	12:18	BA	467018
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	12:18	BA	467018
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		06/24/22	12:18	BA	467018
Carbon Disulfide	ETO15	1.00	0.37	1.6	6.9	2.22		06/24/22	12:18	BA	467018
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		06/24/22	12:18	BA	467018
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		06/24/22	12:18	BA	467018
Acetone	ETO15	1.00	0.40	12	31	13.03		06/24/22	12:18	BA	467018
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		06/24/22	12:18	BA	467018
Hexane	ETO15	1.00	0.46	1.8	3.5	0.99		06/24/22	12:18	BA	467018
MTBE	ETO15	1.00	0.44	1.8	ND	ND		06/24/22	12:18	BA	467018
tert-Butanol	ETO15	1.00	0.62	1.5	ND	ND		06/24/22	12:18	BA	467018
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		06/24/22	12:18	BA	467018
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		06/24/22	12:18	BA	467018
ETBE	ETO15	1.00	0.33	2.1	ND	ND		06/24/22	12:18	BA	467018
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	12:18	BA	467018
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		06/24/22	12:18	BA	467018
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		06/24/22	12:18	BA	467018
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		06/24/22	12:18	BA	467018
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		06/24/22	12:18	BA	467018

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-1-9	**Lab Sample ID:**	2206191-002A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 10:14	**Certified Clean WO # :**	
Canister/Tube ID:	N3984	**Received PSI :**	11.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	6/23/22 3:00:00PM
Prep Batch ID:	1142678	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	4.0	1.36		06/24/22	12:18	BA	467018
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		06/24/22	12:18	BA	467018
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		06/24/22	12:18	BA	467018
Benzene	ETO15	1.00	0.44	1.6	13	4.08		06/24/22	12:18	BA	467018
TAME	ETO15	1.00	0.67	2.1	ND	ND		06/24/22	12:18	BA	467018
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		06/24/22	12:18	BA	467018
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		06/24/22	12:18	BA	467018
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		06/24/22	12:18	BA	467018
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		06/24/22	12:18	BA	467018
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		06/24/22	12:18	BA	467018
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		06/24/22	12:18	BA	467018
Toluene	ETO15	1.00	0.75	1.9	4.2	1.11		06/24/22	12:18	BA	467018
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		06/24/22	12:18	BA	467018
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		06/24/22	12:18	BA	467018
Tetrachloroethylene	ETO15	1.00	1.5	3.4	ND	ND		06/24/22	12:18	BA	467018
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		06/24/22	12:18	BA	467018
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		06/24/22	12:18	BA	467018
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		06/24/22	12:18	BA	467018
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		06/24/22	12:18	BA	467018
Ethyl Benzene	ETO15	1.00	0.63	2.2	ND	ND		06/24/22	12:18	BA	467018
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		06/24/22	12:18	BA	467018
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		06/24/22	12:18	BA	467018
m,p-Xylene	ETO15	1.00	0.98	2.2	ND	ND		06/24/22	12:18	BA	467018
o-Xylene	ETO15	1.00	0.30	2.2	ND	ND		06/24/22	12:18	BA	467018
Styrene	ETO15	1.00	0.46	2.1	ND	ND		06/24/22	12:18	BA	467018
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		06/24/22	12:18	BA	467018
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		06/24/22	12:18	BA	467018
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	ND	ND		06/24/22	12:18	BA	467018
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	ND	ND		06/24/22	12:18	BA	467018
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	ND	ND		06/24/22	12:18	BA	467018
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		06/24/22	12:18	BA	467018
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		06/24/22	12:18	BA	467018
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		06/24/22	12:18	BA	467018
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		06/24/22	12:18	BA	467018
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		06/24/22	12:18	BA	467018
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		06/24/22	12:18	BA	467018
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	97 %			06/24/22	12:18	BA	467018

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-1-9	**Lab Sample ID:**	2206191-002A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 10:14	**Certified Clean WO # :**	
Canister/Tube ID:	N3984	**Received PSI :**	11.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	6/23/22	3:00:00PM
Prep Batch ID:	1142725	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
TPH-Gasoline	TO-15	1.00	40	180	1400	397.73	x	06/24/22	12:18	BA	467018

NOTE: x – Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target heavy hydrocarbons into range of C5-C12 quantified as gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-2-5	**Lab Sample ID:**	2206191-003A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 10:41	**Certified Clean WO # :**	
Canister/Tube ID:	6331	**Received PSI :**	10.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	6/27/22 6:21:00PM
Prep Batch ID:	1142745	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	16.60	0.17	0.83	2.0			06/28/22	14:19	BA	467072
Oxygen	D1946	16.60	0.18	0.83	21			06/28/22	14:19	BA	467072
Methane	D1946	16.60	0.039	0.083	ND	ND		06/28/22	14:19	BA	467072

Prep Method:	TO15-P	**Prep Batch Date/Time:**	6/23/22 3:00:00PM
Prep Batch ID:	1142678	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	1.00	1.6	2.5	ND	ND		06/24/22	13:11	BA	467018
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		06/24/22	13:11	BA	467018
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		06/24/22	13:11	BA	467018
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		06/24/22	13:11	BA	467018
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		06/24/22	13:11	BA	467018
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		06/24/22	13:11	BA	467018
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		06/24/22	13:11	BA	467018
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		06/24/22	13:11	BA	467018
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		06/24/22	13:11	BA	467018
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	13:11	BA	467018
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		06/24/22	13:11	BA	467018
Carbon Disulfide	ETO15	1.00	0.37	1.6	4.4	1.41		06/24/22	13:11	BA	467018
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		06/24/22	13:11	BA	467018
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		06/24/22	13:11	BA	467018
Acetone	ETO15	1.00	0.40	12	35	14.71		06/24/22	13:11	BA	467018
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		06/24/22	13:11	BA	467018
Hexane	ETO15	1.00	0.46	1.8	2.2	0.63		06/24/22	13:11	BA	467018
MTBE	ETO15	1.00	0.44	1.8	ND	ND		06/24/22	13:11	BA	467018
tert-Butanol	ETO15	1.00	0.62	1.5	2.2	0.73		06/24/22	13:11	BA	467018
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		06/24/22	13:11	BA	467018
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		06/24/22	13:11	BA	467018
ETBE	ETO15	1.00	0.33	2.1	ND	ND		06/24/22	13:11	BA	467018
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	13:11	BA	467018
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		06/24/22	13:11	BA	467018
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		06/24/22	13:11	BA	467018
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		06/24/22	13:11	BA	467018
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		06/24/22	13:11	BA	467018

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-2-5	**Lab Sample ID:**	2206191-003A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 10:41	**Certified Clean WO # :**	
Canister/Tube ID:	6331	**Received PSI :**	10.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	6/23/22 3:00:00PM
Prep Batch ID:	1142678	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	6.4	2.17		06/24/22	13:11	BA	467018
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		06/24/22	13:11	BA	467018
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		06/24/22	13:11	BA	467018
Benzene	ETO15	1.00	0.44	1.6	4.3	1.35		06/24/22	13:11	BA	467018
TAME	ETO15	1.00	0.67	2.1	ND	ND		06/24/22	13:11	BA	467018
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		06/24/22	13:11	BA	467018
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		06/24/22	13:11	BA	467018
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		06/24/22	13:11	BA	467018
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		06/24/22	13:11	BA	467018
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		06/24/22	13:11	BA	467018
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		06/24/22	13:11	BA	467018
Toluene	ETO15	1.00	0.75	1.9	2.6	0.69		06/24/22	13:11	BA	467018
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		06/24/22	13:11	BA	467018
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		06/24/22	13:11	BA	467018
Tetrachloroethylene	ETO15	1.00	1.5	3.4	ND	ND		06/24/22	13:11	BA	467018
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		06/24/22	13:11	BA	467018
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		06/24/22	13:11	BA	467018
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		06/24/22	13:11	BA	467018
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		06/24/22	13:11	BA	467018
Ethyl Benzene	ETO15	1.00	0.63	2.2	ND	ND		06/24/22	13:11	BA	467018
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		06/24/22	13:11	BA	467018
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		06/24/22	13:11	BA	467018
m,p-Xylene	ETO15	1.00	0.98	2.2	ND	ND		06/24/22	13:11	BA	467018
o-Xylene	ETO15	1.00	0.30	2.2	ND	ND		06/24/22	13:11	BA	467018
Styrene	ETO15	1.00	0.46	2.1	ND	ND		06/24/22	13:11	BA	467018
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		06/24/22	13:11	BA	467018
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		06/24/22	13:11	BA	467018
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	ND	ND		06/24/22	13:11	BA	467018
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	ND	ND		06/24/22	13:11	BA	467018
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	ND	ND		06/24/22	13:11	BA	467018
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		06/24/22	13:11	BA	467018
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		06/24/22	13:11	BA	467018
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		06/24/22	13:11	BA	467018
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		06/24/22	13:11	BA	467018
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		06/24/22	13:11	BA	467018
Naphthalene	ETO15	1.00	1.3	2.6	4.2	0.80		06/24/22	13:11	BA	467018
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	95 %			06/24/22	13:11	BA	467018

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-2-5	**Lab Sample ID:**	2206191-003A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 10:41	**Certified Clean WO # :**	
Canister/Tube ID:	6331	**Received PSI :**	10.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	6/23/22 3:00:00PM
Prep Batch ID:	1142725	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
TPH-Gasoline	TO-15	1.00	40	180	663	188.35	x	06/24/22	13:11	BA	467018

NOTE: x – Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target heavy hydrocarbons into range of C5-C12 quantified as gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-2-9	**Lab Sample ID:**	2206191-004A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 11:07	**Certified Clean WO # :**	
Canister/Tube ID:	A7463	**Received PSI :**	11.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: FG-P **Prep Batch Date/Time:** 6/27/22 6:21:00PM
Prep Batch ID: 1142745 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	9.20	0.092	0.46	2.6			06/28/22	15:09	BA	467072
Oxygen	D1946	9.20	0.097	0.46	21			06/28/22	15:09	BA	467072
Methane	D1946	9.20	0.022	0.046	ND	ND		06/28/22	15:09	BA	467072

Prep Method: TO15-P **Prep Batch Date/Time:** 6/24/22 2:00:00PM
Prep Batch ID: 1142692 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	1.00	1.6	2.5	ND	ND		06/24/22	18:56	BA	467034
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		06/24/22	18:56	BA	467034
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		06/24/22	18:56	BA	467034
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		06/24/22	18:56	BA	467034
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		06/24/22	18:56	BA	467034
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		06/24/22	18:56	BA	467034
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		06/24/22	18:56	BA	467034
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		06/24/22	18:56	BA	467034
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		06/24/22	18:56	BA	467034
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	18:56	BA	467034
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		06/24/22	18:56	BA	467034
Carbon Disulfide	ETO15	1.00	0.37	1.6	2.4	0.77		06/24/22	18:56	BA	467034
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		06/24/22	18:56	BA	467034
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		06/24/22	18:56	BA	467034
Acetone	ETO15	1.00	0.40	12	18	7.56		06/24/22	18:56	BA	467034
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		06/24/22	18:56	BA	467034
Hexane	ETO15	1.00	0.46	1.8	4.3	1.22		06/24/22	18:56	BA	467034
MTBE	ETO15	1.00	0.44	1.8	ND	ND		06/24/22	18:56	BA	467034
tert-Butanol	ETO15	1.00	0.62	1.5	10	3.30		06/24/22	18:56	BA	467034
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		06/24/22	18:56	BA	467034
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		06/24/22	18:56	BA	467034
ETBE	ETO15	1.00	0.33	2.1	ND	ND		06/24/22	18:56	BA	467034
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	18:56	BA	467034
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		06/24/22	18:56	BA	467034
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		06/24/22	18:56	BA	467034
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		06/24/22	18:56	BA	467034
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		06/24/22	18:56	BA	467034

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-2-9	**Lab Sample ID:**	2206191-004A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 11:07	**Certified Clean WO # :**	
Canister/Tube ID:	A7463	**Received PSI :**	11.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	6/24/22	2:00:00PM
Prep Batch ID:	1142692	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	2.9	0.98		06/24/22	18:56	BA	467034
Ethyl Acetate	ETO15	1.00	0.48	1.8	8.9	2.47		06/24/22	18:56	BA	467034
Tetrahydrofuran	ETO15	1.00	0.45	1.5	1.9	0.64		06/24/22	18:56	BA	467034
Benzene	ETO15	1.00	0.44	1.6	2.2	0.69		06/24/22	18:56	BA	467034
TAME	ETO15	1.00	0.67	2.1	ND	ND		06/24/22	18:56	BA	467034
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		06/24/22	18:56	BA	467034
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		06/24/22	18:56	BA	467034
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		06/24/22	18:56	BA	467034
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		06/24/22	18:56	BA	467034
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		06/24/22	18:56	BA	467034
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		06/24/22	18:56	BA	467034
Toluene	ETO15	1.00	0.75	1.9	2.2	0.58		06/24/22	18:56	BA	467034
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		06/24/22	18:56	BA	467034
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		06/24/22	18:56	BA	467034
Tetrachloroethylene	ETO15	1.00	1.5	3.4	ND	ND		06/24/22	18:56	BA	467034
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	2.8	0.51		06/24/22	18:56	BA	467034
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		06/24/22	18:56	BA	467034
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		06/24/22	18:56	BA	467034
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		06/24/22	18:56	BA	467034
Ethyl Benzene	ETO15	1.00	0.63	2.2	ND	ND		06/24/22	18:56	BA	467034
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		06/24/22	18:56	BA	467034
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		06/24/22	18:56	BA	467034
m,p-Xylene	ETO15	1.00	0.98	2.2	ND	ND		06/24/22	18:56	BA	467034
o-Xylene	ETO15	1.00	0.30	2.2	ND	ND		06/24/22	18:56	BA	467034
Styrene	ETO15	1.00	0.46	2.1	ND	ND		06/24/22	18:56	BA	467034
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		06/24/22	18:56	BA	467034
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		06/24/22	18:56	BA	467034
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	ND	ND		06/24/22	18:56	BA	467034
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	ND	ND		06/24/22	18:56	BA	467034
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	ND	ND		06/24/22	18:56	BA	467034
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		06/24/22	18:56	BA	467034
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		06/24/22	18:56	BA	467034
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		06/24/22	18:56	BA	467034
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		06/24/22	18:56	BA	467034
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		06/24/22	18:56	BA	467034
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		06/24/22	18:56	BA	467034
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	95 %			06/24/22	18:56	BA	467034

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-2-9	**Lab Sample ID:**	2206191-004A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 11:07	**Certified Clean WO # :**	
Canister/Tube ID:	A7463	**Received PSI :**	11.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	6/24/22	2:00:00PM
Prep Batch ID:	1142695	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
TPH-Gasoline	TO-15	1.00	40	180	1070	303.98	x	06/24/22	18:56	BA	467034

NOTE: x – Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target hydrocarbons within C5-C12 range quantified as Gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-3-5	**Lab Sample ID:**	2206191-005A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 11:37	**Certified Clean WO # :**	
Canister/Tube ID:	A12243	**Received PSI :**	10.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: FG-P **Prep Batch Date/Time:** 6/27/22 6:21:00PM
Prep Batch ID: 1142745 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	2.20	0.022	0.11	0.32			06/28/22	15:36	BA	467072
Oxygen	D1946	2.20	0.023	0.11	21			06/28/22	15:36	BA	467072
Methane	D1946	2.20	0.0051	0.011	ND	ND		06/28/22	15:36	BA	467072

Prep Method: TO15-P **Prep Batch Date/Time:** 6/23/22 3:00:00PM
Prep Batch ID: 1142678 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	1.00	1.6	2.5	ND	ND		06/24/22	14:11	BA	467018
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		06/24/22	14:11	BA	467018
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		06/24/22	14:11	BA	467018
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		06/24/22	14:11	BA	467018
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		06/24/22	14:11	BA	467018
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		06/24/22	14:11	BA	467018
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		06/24/22	14:11	BA	467018
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		06/24/22	14:11	BA	467018
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		06/24/22	14:11	BA	467018
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	14:11	BA	467018
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		06/24/22	14:11	BA	467018
Carbon Disulfide	ETO15	1.00	0.37	1.6	ND	ND		06/24/22	14:11	BA	467018
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	87	35.37		06/24/22	14:11	BA	467018
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		06/24/22	14:11	BA	467018
Acetone	ETO15	1.00	0.40	12	28	11.76		06/24/22	14:11	BA	467018
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		06/24/22	14:11	BA	467018
Hexane	ETO15	1.00	0.46	1.8	ND	ND		06/24/22	14:11	BA	467018
MTBE	ETO15	1.00	0.44	1.8	ND	ND		06/24/22	14:11	BA	467018
tert-Butanol	ETO15	1.00	0.62	1.5	ND	ND		06/24/22	14:11	BA	467018
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		06/24/22	14:11	BA	467018
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		06/24/22	14:11	BA	467018
ETBE	ETO15	1.00	0.33	2.1	ND	ND		06/24/22	14:11	BA	467018
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	14:11	BA	467018
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		06/24/22	14:11	BA	467018
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		06/24/22	14:11	BA	467018
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		06/24/22	14:11	BA	467018
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		06/24/22	14:11	BA	467018

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-3-5	**Lab Sample ID:**	2206191-005A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 11:37	**Certified Clean WO # :**	
Canister/Tube ID:	A12243	**Received PSI :**	10.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	6/23/22 3:00:00PM
Prep Batch ID:	1142678	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	3.2	1.08		06/24/22	14:11	BA	467018
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		06/24/22	14:11	BA	467018
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		06/24/22	14:11	BA	467018
Benzene	ETO15	1.00	0.44	1.6	ND	ND		06/24/22	14:11	BA	467018
TAME	ETO15	1.00	0.67	2.1	ND	ND		06/24/22	14:11	BA	467018
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		06/24/22	14:11	BA	467018
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		06/24/22	14:11	BA	467018
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		06/24/22	14:11	BA	467018
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		06/24/22	14:11	BA	467018
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		06/24/22	14:11	BA	467018
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		06/24/22	14:11	BA	467018
Toluene	ETO15	1.00	0.75	1.9	ND	ND		06/24/22	14:11	BA	467018
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		06/24/22	14:11	BA	467018
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		06/24/22	14:11	BA	467018
Tetrachloroethylene	ETO15	1.00	1.5	3.4	ND	ND		06/24/22	14:11	BA	467018
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		06/24/22	14:11	BA	467018
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		06/24/22	14:11	BA	467018
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		06/24/22	14:11	BA	467018
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		06/24/22	14:11	BA	467018
Ethyl Benzene	ETO15	1.00	0.63	2.2	ND	ND		06/24/22	14:11	BA	467018
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		06/24/22	14:11	BA	467018
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		06/24/22	14:11	BA	467018
m,p-Xylene	ETO15	1.00	0.98	2.2	ND	ND		06/24/22	14:11	BA	467018
o-Xylene	ETO15	1.00	0.30	2.2	ND	ND		06/24/22	14:11	BA	467018
Styrene	ETO15	1.00	0.46	2.1	ND	ND		06/24/22	14:11	BA	467018
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		06/24/22	14:11	BA	467018
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		06/24/22	14:11	BA	467018
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	ND	ND		06/24/22	14:11	BA	467018
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	ND	ND		06/24/22	14:11	BA	467018
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	ND	ND		06/24/22	14:11	BA	467018
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		06/24/22	14:11	BA	467018
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		06/24/22	14:11	BA	467018
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		06/24/22	14:11	BA	467018
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		06/24/22	14:11	BA	467018
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		06/24/22	14:11	BA	467018
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		06/24/22	14:11	BA	467018
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	97 %			06/24/22	14:11	BA	467018

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-3-5	**Lab Sample ID:**	2206191-005A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 11:37	**Certified Clean WO # :**	
Canister/Tube ID:	A12243	**Received PSI :**	10.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	6/23/22	3:00:00PM
Prep Batch ID:	1142725	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
TPH-Gasoline	TO-15	1.00	40	180	ND	ND		06/24/22	14:11	BA	467018

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-3-5 (IPA)	**Lab Sample ID:**	2206191-006A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 11:37	**Certified Clean WO # :**	
Canister/Tube ID:	A12264	**Received PSI :**	8.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	6/23/22	3:00:00PM
Prep Batch ID:	1142678	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Propanol (Isopropyl Alcohol)	ETO15	2,400	3100	30000	950000	386,178.86		06/24/22	11:11	BA	467018
(S) 4-Bromofluorobenzene	ETO15	2,400	65	135	94 %			06/24/22	11:11	BA	467018

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-3-9	**Lab Sample ID:**	2206191-007A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 11:58	**Certified Clean WO # :**	
Canister/Tube ID:	A11730	**Received PSI :**	10.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: FG-P **Prep Batch Date/Time:** 6/27/22 6:21:00PM
Prep Batch ID: 1142745 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	3.50	0.035	0.18	0.49			06/28/22	16:02	BA	467072
Oxygen	D1946	3.50	0.037	0.18	21			06/28/22	16:02	BA	467072
Methane	D1946	3.50	0.0082	0.018	ND	ND		06/28/22	16:02	BA	467072

Prep Method: TO15-P **Prep Batch Date/Time:** 6/24/22 2:00:00PM
Prep Batch ID: 1142692 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	1.00	1.6	2.5	ND	ND		06/24/22	19:40	BA	467034
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		06/24/22	19:40	BA	467034
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		06/24/22	19:40	BA	467034
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		06/24/22	19:40	BA	467034
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		06/24/22	19:40	BA	467034
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		06/24/22	19:40	BA	467034
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		06/24/22	19:40	BA	467034
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		06/24/22	19:40	BA	467034
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		06/24/22	19:40	BA	467034
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	19:40	BA	467034
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		06/24/22	19:40	BA	467034
Carbon Disulfide	ETO15	1.00	0.37	1.6	1.9	0.61		06/24/22	19:40	BA	467034
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	1600	650.41	E	06/24/22	19:40	BA	467034
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		06/24/22	19:40	BA	467034
Acetone	ETO15	1.00	0.40	12	ND	ND		06/24/22	19:40	BA	467034
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		06/24/22	19:40	BA	467034
Hexane	ETO15	1.00	0.46	1.8	7.9	2.24		06/24/22	19:40	BA	467034
MTBE	ETO15	1.00	0.44	1.8	ND	ND		06/24/22	19:40	BA	467034
tert-Butanol	ETO15	1.00	0.62	1.5	2.0	0.66		06/24/22	19:40	BA	467034
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		06/24/22	19:40	BA	467034
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		06/24/22	19:40	BA	467034
ETBE	ETO15	1.00	0.33	2.1	ND	ND		06/24/22	19:40	BA	467034
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		06/24/22	19:40	BA	467034
Chloroform	ETO15	1.00	0.97	2.4	2.4	0.49		06/24/22	19:40	BA	467034
Vinyl Acetate	ETO15	1.00	0.76	1.8	4.6	1.31		06/24/22	19:40	BA	467034
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		06/24/22	19:40	BA	467034
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		06/24/22	19:40	BA	467034

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-3-9	**Lab Sample ID:**	2206191-007A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 11:58	**Certified Clean WO # :**	
Canister/Tube ID:	A11730	**Received PSI :**	10.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	6/24/22	2:00:00PM
Prep Batch ID:	1142692	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	3.5	1.19		06/24/22	19:40	BA	467034
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		06/24/22	19:40	BA	467034
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		06/24/22	19:40	BA	467034
Benzene	ETO15	1.00	0.44	1.6	2.8	0.88		06/24/22	19:40	BA	467034
TAME	ETO15	1.00	0.67	2.1	ND	ND		06/24/22	19:40	BA	467034
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		06/24/22	19:40	BA	467034
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		06/24/22	19:40	BA	467034
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		06/24/22	19:40	BA	467034
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		06/24/22	19:40	BA	467034
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		06/24/22	19:40	BA	467034
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		06/24/22	19:40	BA	467034
Toluene	ETO15	1.00	0.75	1.9	ND	ND		06/24/22	19:40	BA	467034
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		06/24/22	19:40	BA	467034
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		06/24/22	19:40	BA	467034
Tetrachloroethylene	ETO15	1.00	1.5	3.4	ND	ND		06/24/22	19:40	BA	467034
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	3.7	0.68		06/24/22	19:40	BA	467034
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		06/24/22	19:40	BA	467034
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		06/24/22	19:40	BA	467034
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		06/24/22	19:40	BA	467034
Ethyl Benzene	ETO15	1.00	0.63	2.2	ND	ND		06/24/22	19:40	BA	467034
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		06/24/22	19:40	BA	467034
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		06/24/22	19:40	BA	467034
m,p-Xylene	ETO15	1.00	0.98	2.2	ND	ND		06/24/22	19:40	BA	467034
o-Xylene	ETO15	1.00	0.30	2.2	ND	ND		06/24/22	19:40	BA	467034
Styrene	ETO15	1.00	0.46	2.1	ND	ND		06/24/22	19:40	BA	467034
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		06/24/22	19:40	BA	467034
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		06/24/22	19:40	BA	467034
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	ND	ND		06/24/22	19:40	BA	467034
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	ND	ND		06/24/22	19:40	BA	467034
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	ND	ND		06/24/22	19:40	BA	467034
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		06/24/22	19:40	BA	467034
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		06/24/22	19:40	BA	467034
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		06/24/22	19:40	BA	467034
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		06/24/22	19:40	BA	467034
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		06/24/22	19:40	BA	467034
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		06/24/22	19:40	BA	467034
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	99 %			06/24/22	19:40	BA	467034

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Kurt Soenen
Cornerstone Earth Group

Date/Time Received: 06/22/22, 12:50 pm
Date Reported: 06/29/22

Client Sample ID:	SV-3-9	**Lab Sample ID:**	2206191-007A
Project Name/Location:	639 North 5th St. S.J	**Sample Matrix:**	Air
Project Number:	1353-1-4		
Date/Time Sampled:	06/22/22 / 11:58	**Certified Clean WO # :**	
Canister/Tube ID:	A11730	**Received PSI :**	10.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	6/24/22	2:00:00PM
Prep Batch ID:	1142695	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
TPH-Gasoline	TO-15	1.00	40	180	1290	366.48	x	06/24/22	19:40	BA	467034

NOTE: x – Does not match pattern of reference Gasoline standard. Reported value due to contribution from non-target hydrocarbons within C5-C12 range quantified as Gasoline.

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2206191	**Prep Method:**	TO15-P	**Prep Date:**	06/23/22	**Prep Batch:**	1142678
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	6/23/2022	**Analytical Batch:**	467018
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.32	0.50	ND	
1,1-Difluoroethane	0.13	5.0	ND	
1,2-Dichlorotetrafluoroethane	0.20	0.50	ND	
Chloromethane	0.99	2.0	ND	
Vinyl Chloride	0.088	0.50	ND	
1,3-Butadiene	0.15	0.50	ND	
Bromomethane	0.17	0.50	ND	
Chloroethane	0.31	0.50	ND	
Trichlorofluoromethane	0.099	0.50	ND	
1,1-Dichloroethene	0.21	0.50	ND	
Freon 113	0.13	0.50	ND	
Carbon Disulfide	0.12	0.50	ND	
2-Propanol (Isopropyl Alcohol)	0.52	5.0	ND	
Methylene Chloride	0.20	3.0	ND	
Acetone	0.17	5.0	ND	
trans-1,2-Dichloroethene	0.12	0.50	ND	
Hexane	0.13	0.50	ND	
MTBE	0.12	0.50	ND	
tert-Butanol	0.20	0.50	ND	
Diisopropyl ether (DIPE)	0.18	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.078	0.50	ND	
cis-1,2-Dichloroethene	0.21	0.50	ND	
Chloroform	0.20	0.50	ND	
Vinyl Acetate	0.22	0.50	ND	
Carbon Tetrachloride	0.18	0.50	ND	
1,1,1-Trichloroethane	0.15	0.50	ND	
2-Butanone (MEK)	0.13	0.50	ND	
Ethyl Acetate	0.13	0.50	ND	
Tetrahydrofuran	0.15	0.50	ND	
Benzene	0.14	0.50	ND	
TAME	0.16	0.50	ND	
1,2-Dichloroethane (EDC)	0.10	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.11	0.50	ND	
1,4-Dioxane	0.50	1.0	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
Toluene	0.20	0.50	ND	
4-Methyl-2-Pentanone (MIBK)	0.18	0.50	ND	
cis-1,3-Dichloropropene	0.093	0.50	ND	
Tetrachloroethylene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2206191	**Prep Method:**	TO15-P	**Prep Date:**	06/23/22	**Prep Batch:**	1142678
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	6/23/2022	**Analytical Batch:**	467018
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
2-Hexanone	0.16	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
Chlorobenzene	0.13	0.50	ND	
1,1,1,2-Tetrachloroethane	0.12	0.50	ND	
m,p-Xylene	0.23	0.50	ND	
o-Xylene	0.070	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.13	0.50	ND	
1,1,2,2-Tetrachloroethane	0.12	0.50	ND	
4-Ethyl Toluene	0.11	0.50	ND	
1,3,5-Trimethylbenzene	0.061	0.50	ND	
1,2,4-Trimethylbenzene	0.12	0.50	ND	
1,4-Dichlorobenzene	0.12	0.50	ND	
1,3-Dichlorobenzene	0.22	0.50	ND	
1,2-Dichlorobenzene	0.18	0.50	ND	
Hexachlorobutadiene	0.17	0.50	ND	
1,2,4-Trichlorobenzene	0.29	0.50	ND	
Naphthalene	0.24	0.50	ND	
Cyclohexane	0.50	0.50	ND	
Benzyl Chloride	0.20	0.50	ND	
Heptane	0.13	0.50	ND	
(S) 4-Bromofluorobenzene			88	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2206191	**Prep Method:**	TO15-P	**Prep Date:**	06/24/22	**Prep Batch:**	1142692
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	6/24/2022	**Analytical Batch:**	467034
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.32	0.50	ND	
1,1-Difluoroethane	0.13	5.0	ND	
1,2-Dichlorotetrafluoroethane	0.20	0.50	ND	
Chloromethane	0.99	2.0	ND	
Vinyl Chloride	0.088	0.50	ND	
1,3-Butadiene	0.15	0.50	ND	
Bromomethane	0.17	0.50	ND	
Chloroethane	0.31	0.50	ND	
Trichlorofluoromethane	0.099	0.50	ND	
1,1-Dichloroethene	0.21	0.50	ND	
Freon 113	0.13	0.50	ND	
Carbon Disulfide	0.12	0.50	ND	
2-Propanol (Isopropyl Alcohol)	0.52	5.0	ND	
Methylene Chloride	0.20	3.0	ND	
Acetone	0.17	5.0	ND	
trans-1,2-Dichloroethene	0.12	0.50	ND	
Hexane	0.13	0.50	ND	
MTBE	0.12	0.50	ND	
tert-Butanol	0.20	0.50	ND	
Diisopropyl ether (DIPE)	0.18	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.078	0.50	ND	
cis-1,2-Dichloroethene	0.21	0.50	ND	
Chloroform	0.20	0.50	ND	
Vinyl Acetate	0.22	0.50	ND	
Carbon Tetrachloride	0.18	0.50	ND	
1,1,1-Trichloroethane	0.15	0.50	ND	
2-Butanone (MEK)	0.13	0.50	ND	
Ethyl Acetate	0.13	0.50	ND	
Tetrahydrofuran	0.15	0.50	ND	
Benzene	0.14	0.50	ND	
TAME	0.16	0.50	ND	
1,2-Dichloroethane (EDC)	0.10	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.11	0.50	ND	
1,4-Dioxane	0.50	1.0	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
Toluene	0.20	0.50	ND	
4-Methyl-2-Pentanone (MIBK)	0.18	0.50	ND	
cis-1,3-Dichloropropene	0.093	0.50	ND	
Tetrachloroethylene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2206191	**Prep Method:**	TO15-P	**Prep Date:**	06/24/22	**Prep Batch:**	1142692
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	6/24/2022	**Analytical Batch:**	467034
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
2-Hexanone	0.16	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
Chlorobenzene	0.13	0.50	ND	
1,1,1,2-Tetrachloroethane	0.12	0.50	ND	
m,p-Xylene	0.23	0.50	ND	
o-Xylene	0.070	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.13	0.50	ND	
1,1,2,2-Tetrachloroethane	0.12	0.50	ND	
4-Ethyl Toluene	0.11	0.50	ND	
1,3,5-Trimethylbenzene	0.061	0.50	ND	
1,2,4-Trimethylbenzene	0.12	0.50	ND	
1,4-Dichlorobenzene	0.12	0.50	ND	
1,3-Dichlorobenzene	0.22	0.50	ND	
1,2-Dichlorobenzene	0.18	0.50	ND	
Hexachlorobutadiene	0.17	0.50	ND	
1,2,4-Trichlorobenzene	0.29	0.50	ND	
Naphthalene	0.24	0.50	ND	
Cyclohexane	0.50	0.50	ND	
Benzyl Chloride	0.20	0.50	ND	
Heptane	0.13	0.50	ND	
(S) 4-Bromofluorobenzene			91	

Work Order:	2206191	**Prep Method:**	TO15-GRO	**Prep Date:**	06/24/22	**Prep Batch:**	1142695
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	6/24/2022	**Analytical Batch:**	467034
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH-Gasoline	11	50	ND	

Work Order:	2206191	**Prep Method:**	TO15-GRO	**Prep Date:**	06/23/22	**Prep Batch:**	1142725
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	6/24/2022	**Analytical Batch:**	467018
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH-Gasoline	11	50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2206191	**Prep Method:**	FG-P	**Prep Date:**	06/27/22	**Prep Batch:**	1142745
Matrix:	Air	**Analytical Method:**	D1946	**Analyzed Date:**	6/27/2022	**Analytical Batch:**	467072
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Carbon Dioxide	100	500	ND		
Ethene	110	500	ND		
Ethane	130	500	ND		
Hydrogen	180	500	ND		
Oxygen	110	500	ND		
Nitrogen	260	500	ND		
Methane	23	50	ND		
Carbon Monoxide	200	500	ND		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2206191	**Prep Method:**	TO15-P	**Prep Date:**	06/23/22	**Prep Batch:**	1142678
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	6/23/2022	**Analytical Batch:**	467018
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.21	0.50	ND	8.00	126	125	1.20	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	97.8	103	5.59	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	117	115	2.15	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	100	104	3.56	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	107	68.9	43.7	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	89.3	56.7		50 - 150		

Work Order:	2206191	**Prep Method:**	TO15-P	**Prep Date:**	06/24/22	**Prep Batch:**	1142692
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	6/24/2022	**Analytical Batch:**	467034
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.21	0.50	ND	8.00	127	134	4.78	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	104	105	0.835	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	120	122	1.55	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	103	106	2.75	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	71.3	112	44.2	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	61.2	89.3		50 - 150		

Work Order:	2206191	**Prep Method:**	TO15-GRO	**Prep Date:**	06/24/22	**Prep Batch:**	1142695
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	6/24/2022	**Analytical Batch:**	467034
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH-Gasoline	11	50	ND	500	75.8	72.7	4.31	65 - 135	30	

Work Order:	2206191	**Prep Method:**	TO15-GRO	**Prep Date:**	06/23/22	**Prep Batch:**	1142725
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	6/24/2022	**Analytical Batch:**	467018
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH-Gasoline	11	50	ND	417	83.5	91.4	9.05	65 - 135	30	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2206191	**Prep Method:**	FG-P	**Prep Date:**	06/27/22	**Prep Batch:**	1142745
Matrix:	Air	**Analytical Method:**	D1946	**Analyzed Date:**	6/27/2022	**Analytical Batch:**	467072
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Carbon Dioxide	100	500	ND	2500	84.2	75.4	11.0	65 - 135	30	
Ethene	110	500	ND	2500	90.8	88.0	3.13	65 - 135	30	
Ethane	130	500	ND	2500	90.8	88.6	2.23	65 - 135	30	
Hydrogen	180	500	ND	2500	94.4	91.2	3.45	65 - 135	30	
Oxygen	110	500	ND	2500	89.8	86.3	4.08	65 - 135	30	
Nitrogen	260	500	ND	2500	77.0	74.1	4.23	65 - 135	30	
Methane	230	500	ND	2500	86.1	82.6	3.79	65 - 135	30	
Carbon Monoxide	200	500	ND	2500	94.4	92.6	2.14	65 - 135	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 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: Cornerstone Earth Group

Project Name: 639 North 5th St. S.J

Work Order No.: 2206191

Date and Time Received: 6/22/2022 12:50:00PM

Received By: Lorna Imbat

Physically Logged By: Lorna Imbat

Checklist Completed By: Lorna Imbat

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

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

pH Checked by: n/a

pH Adjusted by: n/a

Comments:

Torrent LABORATORY, INC.

Login Summary Report

Client ID:	TL5119	Cornerstone Earth Group	**QC Level:**	II
Project Name:	639 North 5th St. S.J		**TAT Requested:**	5+ day:5
Project # :	1353-1-4		**Date Received:**	6/22/2022
Report Due Date:	6/29/2022		**Time Received:**	12:50 pm

Comments:

Work Order # : ***2206191***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2206191-001A	SV-1-5	06/22/22 9:47	Air				VOC_A_TO15GRO VOC_A_FG D1946 VOC_A_TO15	
Sample Note:	TO15 VOCs & gas, ASTM D1946 for CO2/O2/CH4							
2206191-002A	SV-1-9	06/22/22 10:14	Air				VOC_A_TO15GRO VOC_A_FG D1946 VOC_A_TO15	
2206191-003A	SV-2-5	06/22/22 10:41	Air				VOC_A_TO15GRO VOC_A_TO15 VOC_A_FG D1946	
2206191-004A	SV-2-9	06/22/22 11:07	Air				VOC_A_TO15GRO VOC_A_FG D1946 VOC_A_TO15	
2206191-005A	SV-3-5	06/22/22 11:37	Air				VOC_A_TO15GRO VOC_A_FG D1946 VOC_A_TO15	
2206191-006A	SV-3-5 (IPA)	06/22/22 11:37	Air				VOC_A_PCE+T	
Sample Note:	IPA only (shroud)							
2206191-007A	SV-3-9	06/22/22 11:58	Air				VOC_A_TO15 VOC_A_TO15GRO VOC_A_FG D1946	

Torrent LABORATORY, INC.

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

CHAIN OF CUSTODY

LAB WORK ORDER NO: 220619

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

Company Name: Cornerstone Earth Group ☐ ☒ Env. ☐ Special
Project #: 1353-1-4 PO #:
Address: 1259 Oakmead Pkwy
Project Name: 639 North 5th St. S.J.
City: Sunnyvale State: CA Zip Code: 94085
Comments: cc. bperalta@cornerstoneearth.com
Telephone: 408 245 4600 Cell:
SAMPLER: Ross Tinline Quote #:
REPORT TO: Kurt Soenen BILL TO: Same
EMAIL: ksoenen@cornerstoneearth.com

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:
☐ Indoor Air
☐ Ambient Air
☒ Soil/Gas Vapor
☒ Other

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

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	CANISTER I.D.	Initial Vac.	Final Vac.	Flow Controller #	TO 15 for TPHg +VOCs	TO 15 SIM	TO 17	TO15 for 2 propanol only	ASTM D1946 for O2 CO2 methane	REMARKS
001	SV-1-5	6/22/22 9:41-9:47	SV	1	6L (1L)	A12197	30	4	E102	X				X	
002	SV-1-9	6/22/22 10:06-1014			6L (1L)	N3984	30	5	E36	X				X	
003	SV-2-5	6/22/22 1036-1041			6L (1L)	6331	30	5	E96	X				X	
004	SV-2-9	6/22/22 1059-1107			6L (1L)	A7463	30	5	E22	X				X	
005	SV-3-5	6/22/22 1131-1137			6L (1L)	A12243	30	4	E143	X				X	
006	SV-3-5(IPA)	6/22/22 1131-1137	Shroud Atm		6L (1L)	A12264	30	11	E22				X		
007	SV-3-9	6/22/22 1152-1158	SV		6L (1L)	A11730	30	4	E25	X				X	
					6L 1L										
					6L 1L										
					6L 1L										

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	for Ross Tinline	Ross Tinline	6/22/22	1250		L. D. Dubsay	6-22-22	1250
2	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 D/O 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: Date: Received By: Date: Temp:

Rec'd canisters @ ambient temp D/O

Summas rec'd @ ambient temp

SGS EXCELCHEM Laboratories, Inc.

1135 W Sunset Boulevard
Suite A
Rocklin, CA 95765
Phone# 916-543-4445

ELAP Certificate No. : 2119

12 October 2023

Michael Chang

Cornerstone Earth Group, Inc

1256 Oakmead Parkway

Sunnyvale, CA 94085

RE: SJ Buddhist Church Betsuin

Work order number:2309124

Enclosed are the results of analyses for samples received by the laboratory on 09/21/23 09:35. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-12-20W (0.5-1)	2309124-01	Soil	09/20/23 08:15	09/21/23 09:35
SB-12-20W (2.5-3)	2309124-02	Soil	09/20/23 08:20	09/21/23 09:35
SB-12-10W (0-0.5)	2309124-03	Soil	09/20/23 08:30	09/21/23 09:35
SB-12-10W (1.5-2)	2309124-04	Soil	09/20/23 08:35	09/21/23 09:35
SB-12-10S (0-0.5)	2309124-05	Soil	09/20/23 08:50	09/21/23 09:35
SB-12-10S (1.5-2)	2309124-06	Soil	09/20/23 08:55	09/21/23 09:35
SB-12-10S (3-3.5)	2309124-07	Soil	09/20/23 09:00	09/21/23 09:35
SB-12-10N (0.5-1)	2309124-08	Soil	09/20/23 09:10	09/21/23 09:35
SB-12-10N (3.5-4)	2309124-09	Soil	09/20/23 09:15	09/21/23 09:35
SB-12-10E (0.5-1)	2309124-10	Soil	09/20/23 10:25	09/21/23 09:35
SB-12-10E (2-2.5)	2309124-12	Soil	09/20/23 10:30	09/21/23 09:35
SB-12-20E (0-0.5)	2309124-13	Soil	09/20/23 10:45	09/21/23 09:35
SB-12-20E (2-2.5)	2309124-14	Soil	09/20/23 10:50	09/21/23 09:35
SB-8-10N (0.5-1)	2309124-15	Soil	09/20/23 11:10	09/21/23 09:35
SB-8-10N (2-2.5)	2309124-16	Soil	09/20/23 11:15	09/21/23 09:35
SB-8-10N (3.5-4)	2309124-17	Soil	09/20/23 11:20	09/21/23 09:35
SB-8 (3.5-4)	2309124-18	Soil	09/20/23 12:00	09/21/23 09:35
SB-8 (4.5-5)	2309124-19	Soil	09/20/23 12:05	09/21/23 09:35
SB-8-10W (0.5-1)	2309124-20	Soil	09/20/23 12:10	09/21/23 09:35
SB-8-10W (2.5-3)	2309124-21	Soil	09/20/23 12:15	09/21/23 09:35
SB-8-10S (0.5-1)	2309124-24	Soil	09/20/23 12:25	09/21/23 09:35
SB-8-10S (3-3.5)	2309124-25	Soil	09/20/23 12:30	09/21/23 09:35
SB-8-20S (0-0.5)	2309124-27	Soil	09/20/23 12:40	09/21/23 09:35
SB-8-20S (1-1.5)	2309124-28	Soil	09/20/23 12:45	09/21/23 09:35
SB-2 (2-2.5)	2309124-31	Soil	09/20/23 10:00	09/21/23 09:35
SB-2 (4-4.5)	2309124-32	Soil	09/20/23 10:05	09/21/23 09:35
SB-1 (0.5-1)	2309124-33	Soil	09/20/23 13:20	09/21/23 09:35
SB-1 (2-2.5)	2309124-34	Soil	09/20/23 13:25	09/21/23 09:35
SB-3 (1-1.5)	2309124-37	Soil	09/20/23 13:50	09/21/23 09:35

SGS Excelchem Laboratories, Inc.

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

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-3 (3-3.5)	2309124-38	Soil	09/20/23 13:55	09/21/23 09:35
SB-3 (4-4.5)	2309124-39	Soil	09/20/23 14:00	09/21/23 09:35
SB-3 (5-5.5)	2309124-40	Soil	09/20/23 14:05	09/21/23 09:35
SB-3-10W (1-1.5)	2309124-42	Soil	09/20/23 14:15	09/21/23 09:35
SB-3-10W (3-3.5)	2309124-43	Soil	09/20/23 14:17	09/21/23 09:35
SB-3-10S (0.5-1)	2309124-45	Soil	09/20/23 14:25	09/21/23 09:35
SB-3-10S (2.5-3)	2309124-46	Soil	09/20/23 14:27	09/21/23 09:35
SB-3-10E (1-1.5)	2309124-48	Soil	09/20/23 14:40	09/21/23 09:35
SB-3-10E (3.5-4)	2309124-49	Soil	09/20/23 14:42	09/21/23 09:35
SB-3-10N (0.5-1)	2309124-51	Soil	09/20/23 14:50	09/21/23 09:35
SB-3-10N (3-3.5)	2309124-52	Soil	09/20/23 14:52	09/21/23 09:35
SB-3-20NE (1-1.5)	2309124-54	Soil	09/20/23 15:00	09/21/23 09:35
SB-3-20NE (3-3.5)	2309124-55	Soil	09/20/23 15:02	09/21/23 09:35
SB-3-20NW (0-0.5)	2309124-57	Soil	09/20/23 15:10	09/21/23 09:35
SB-3-20NW (3-3.5)	2309124-58	Soil	09/20/23 15:15	09/21/23 09:35

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-20W (0.5-1)
2309124-01 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**87.9**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-20W (2.5-3)
2309124-02 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**7.7**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-10W (0-0.5)
2309124-03 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**72.3**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-10W (1.5-2)
2309124-04 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**7.9**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-10S (0-0.5)
2309124-05 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**311**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	
STLC Analysis								
Lead	**18.9**	0.2	mg/L	AaJ0060	10/09/23	10/09/23	EPA 6010B	
TCLP Analysis								
Lead	**0.6**	0.1	mg/L	AaJ0084	10/11/23	10/11/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-10S (1.5-2)
2309124-06 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**118**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-10S (3-3.5)
2309124-07 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**10.2**	1.0	mg/kg	AaJ0026	10/04/23	10/05/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-10N (0.5-1)
2309124-08 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**67.8**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-10N (3.5-4)
2309124-09 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**784**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	
STLC Analysis								
Lead	**8.0**	0.2	mg/L	AaJ0060	10/09/23	10/09/23	EPA 6010B	
TCLP Analysis								
Lead	**0.6**	0.1	mg/L	AaJ0084	10/11/23	10/11/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-10E (0.5-1)
2309124-10 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**118**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-10E (2-2.5)
2309124-12 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**138**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-20E (0-0.5)
2309124-13 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**88.8**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-12-20E (2-2.5)
2309124-14 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**119**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-8-10N (0.5-1)
2309124-15 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**73.4**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-8-10N (2-2.5)
2309124-16 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**85.2**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-8-10N (3.5-4)
2309124-17 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**7.9**	1.0	mg/kg	AaJ0026	10/04/23	10/05/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-8 (3.5-4)
2309124-18 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**8.0**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-8 (4.5-5)
2309124-19 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**7.0**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-8-10W (0.5-1)
2309124-20 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**86.7**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-8-10W (2.5-3)
2309124-21 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**8.9**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-8-10S (0.5-1)
2309124-24 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**69.8**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-8-10S (3-3.5)
2309124-25 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**7.1**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-8-20S (0-0.5)
2309124-27 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**8.2**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-8-20S (1-1.5)
2309124-28 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**41.1**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-2 (2-2.5)
2309124-31 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**2.04**	1.00	mg/kg	AaI0204	09/26/23	09/26/23	EPA 8015Mod	
Surrogate: o-Terphenyl	*47.1 %*	% Recovery Limits		*25-175*			*"*	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-2 (4-4.5)
2309124-32 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	1.00	mg/kg	AaI0204	09/26/23	09/26/23	EPA 8015Mod	U
Surrogate: o-Terphenyl	*43.2 %*	% Recovery Limits		*25-175*			"	

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Doug Selby, Technical Director

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-1 (0.5-1)
2309124-33 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**23.7**	1.99	mg/kg	AaI0204	09/26/23	09/27/23	EPA 8015Mod	
Surrogate: o-Terphenyl	*63.7 %*	% Recovery Limits		*25-175*			*"*	

Doug Selby, Technical Director

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-1 (2-2.5)
2309124-34 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**4.23**	1.00	mg/kg	AaI0204	09/26/23	09/26/23	EPA 8015Mod	
Surrogate: o-Terphenyl	*51.6 %*	% Recovery Limits		*25-175*			*"*	

Doug Selby, Technical Director

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3 (1-1.5)
2309124-37 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**19.2**	1.00	mg/kg	AaI0204	09/26/23	09/27/23	EPA 8015Mod	
Surrogate: o-Terphenyl	*48.2 %*	% Recovery Limits		*25-175*			*"*	

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3 (3-3.5)
2309124-38 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**0.915**	1.00	mg/kg	AaI0204	09/26/23	09/26/23	EPA 8015Mod	J
Surrogate: o-Terphenyl	*50.2 %*	% Recovery Limits		*25-175*			*"*	

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3 (4-4.5)
2309124-39 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**7.3**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3 (5-5.5)
2309124-40 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**9.5**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-10W (1-1.5)
2309124-42 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**183**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-10W (3-3.5)
2309124-43 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**26.9**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

Doug Selby, Technical Director

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-10S (0.5-1)
2309124-45 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**12.4**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-10S (2.5-3)
2309124-46 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**19.5**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-10E (1-1.5)
2309124-48 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**909**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	
STLC Analysis								
Lead	**12.7**	0.2	mg/L	AaJ0060	10/09/23	10/09/23	EPA 6010B	
TCLP Analysis								
Lead	**1.6**	0.1	mg/L	AaJ0084	10/11/23	10/11/23	EPA 6010B	

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-10E (3.5-4)
2309124-49 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**23.5**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

Doug Selby, Technical Director

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-10N (0.5-1)
2309124-51 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**49.3**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-10N (3-3.5)
2309124-52 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**8.2**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-20NE (1-1.5)
2309124-54 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**170**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-20NE (3-3.5)
2309124-55 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**29.9**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-20NW (0-0.5)
2309124-57 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**338**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	
STLC Analysis								
Lead	**5.2**	0.2	mg/L	AaJ0060	10/09/23	10/09/23	EPA 6010B	
TCLP Analysis								
Lead	**1.5**	0.1	mg/L	AaJ0084	10/11/23	10/11/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

SB-3-20NW (3-3.5)
2309124-58 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**8.0**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

Total Petroleum Hydrocarbons by FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AaI0204 - EPA 8015Mod										
Blank (AAI0204-BLK1)				Prepared & Analyzed: 09/26/23						
Surrogate: o-Terphenyl	*1.24*		*mg/kg*	*2.49*		*49.8*	*25-175*			
TPH as Diesel	ND	1.00	"							U
LCS (AAI0204-BS1)				Prepared & Analyzed: 09/26/23						
Surrogate: o-Terphenyl	*1.70*		*mg/kg*	*2.50*		*68.1*	*25-175*			
TPH as Diesel	53.4	1.00	"	99.9		53.5	40-160			
LCS Dup (AAI0204-BSD1)				Prepared & Analyzed: 09/26/23						
Surrogate: o-Terphenyl	*1.68*		*mg/kg*	*2.50*		*67.1*	*25-175*			
TPH as Diesel	52.8	1.00	"	99.9		52.9	40-160	1.09	40	
Matrix Spike (AAI0204-MS1)		**Source: 2309129-01**		Prepared & Analyzed: 09/26/23						
Surrogate: o-Terphenyl	*1.59*		*mg/kg*	*2.49*		*63.8*	*25-175*			
TPH as Diesel	51.4	1.00	"	99.6	2.96	48.6	40-160			
Matrix Spike Dup (AAI0204-MSD1)		**Source: 2309129-01**		Prepared & Analyzed: 09/26/23						
Surrogate: o-Terphenyl	*1.82*		*mg/kg*	*2.49*		*72.9*	*25-175*			
TPH as Diesel	58.3	1.00	"	99.7	2.96	55.5	40-160	12.6	40	

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Doug Selby, Technical Director

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

Total Recoverable Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AaI0205 - EPA 6010B										
Blank (AAI0205-BLK1)				Prepared: 09/26/23 Analyzed: 09/27/23						
Lead	ND	1.0	mg/kg							U
LCS (AAI0205-BS1)				Prepared: 09/26/23 Analyzed: 09/27/23						
Lead	95.2	1.0	mg/kg	100		95.2	80-120			
LCS Dup (AAI0205-BSD1)				Prepared: 09/26/23 Analyzed: 09/27/23						
Lead	95.5	1.0	mg/kg	100		95.5	80-120	0.239	25	
Matrix Spike (AAI0205-MS1)		**Source: 2309124-01**		Prepared: 09/26/23 Analyzed: 09/27/23						
Lead	160	1.0	mg/kg	100	87.9	71.7	75-125			QM-01
Matrix Spike Dup (AAI0205-MSD1)		**Source: 2309124-01**		Prepared: 09/26/23 Analyzed: 09/27/23						
Lead	165	1.0	mg/kg	100	87.9	77.6	75-125	3.58	25	
Batch AaI0215 - EPA 6010B										
Blank (AAI0215-BLK1)				Prepared: 09/27/23 Analyzed: 09/28/23						
Lead	ND	1.0	mg/kg							U
LCS (AAI0215-BS1)				Prepared: 09/27/23 Analyzed: 09/28/23						
Lead	97.0	1.0	mg/kg	100		97.0	80-120			
LCS Dup (AAI0215-BSD1)				Prepared: 09/27/23 Analyzed: 09/28/23						
Lead	95.9	1.0	mg/kg	100		95.9	80-120	1.06	25	
Matrix Spike (AAI0215-MS1)		**Source: 2309124-27**		Prepared: 09/27/23 Analyzed: 09/28/23						
Lead	92.8	1.0	mg/kg	100	8.16	84.7	75-125			

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

Total Recoverable Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AaI0215 - EPA 6010B										
Matrix Spike Dup (AAI0215-MSD1)		**Source: 2309124-27**		Prepared: 09/27/23 Analyzed: 09/28/23						
Lead	89.8	1.0	mg/kg	100	8.16	81.7	75-125	3.29	25	
Batch AaJ0026 - EPA 6010B										
Blank (AAJ0026-BLK1)				Prepared: 10/04/23 Analyzed: 10/05/23						
Lead	0.137	1.0	mg/kg							J
LCS (AAJ0026-BS1)				Prepared: 10/04/23 Analyzed: 10/05/23						
Lead	99.0	1.0	mg/kg	100		99.0	80-120			
LCS Dup (AAJ0026-BSD1)				Prepared: 10/04/23 Analyzed: 10/05/23						
Lead	94.0	1.0	mg/kg	100		94.0	80-120	5.21	25	
Matrix Spike (AAJ0026-MS1)		**Source: 2310014-01**		Prepared: 10/04/23 Analyzed: 10/05/23						
Lead	93.4	1.0	mg/kg	100	9.00	84.4	75-125			
Matrix Spike Dup (AAJ0026-MSD1)		**Source: 2310014-01**		Prepared: 10/04/23 Analyzed: 10/05/23						
Lead	94.4	1.0	mg/kg	100	9.00	85.4	75-125	1.00	25	

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

STLC Analysis - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AaJ0060 - EPA 6010B										
Blank (AAJ0060-BLK1)				Prepared & Analyzed: 10/09/23						
Lead	ND	0.2	mg/L							U
LCS (AAJ0060-BS1)				Prepared & Analyzed: 10/09/23						
Lead	19.9	0.2	mg/L	20.0		99.3	80-120			
LCS Dup (AAJ0060-BSD1)				Prepared & Analyzed: 10/09/23						
Lead	20.1	0.2	mg/L	20.0		100	80-120	1.07	25	
Matrix Spike (AAJ0060-MS1)		**Source: 2310014-01**		Prepared & Analyzed: 10/09/23						
Lead	19.7	0.2	mg/L	20.0	0.128	97.9	75-125			
Matrix Spike Dup (AAJ0060-MSD1)		**Source: 2310014-01**		Prepared & Analyzed: 10/09/23						
Lead	20.5	0.2	mg/L	20.0	0.128	102	75-125	4.16	25	

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Doug Selby, Technical Director

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

TCLP Analysis - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AaJ0084 - EPA 6010B										
Blank (AAJ0084-BLK1)				Prepared & Analyzed: 10/11/23						
Lead	ND	0.1	mg/L							U
LCS (AAJ0084-BS1)				Prepared & Analyzed: 10/11/23						
Lead	10.1	0.1	mg/L	10.0		101	80-120			
LCS Dup (AAJ0084-BSD1)				Prepared & Analyzed: 10/11/23						
Lead	10.1	0.1	mg/L	10.0		101	80-120	0.344	25	
Matrix Spike (AAJ0084-MS1)		**Source: 2309124-05**		Prepared & Analyzed: 10/11/23						
Lead	10.7	0.1	mg/L	10.0	0.615	101	75-125			
Matrix Spike Dup (AAJ0084-MSD1)		**Source: 2309124-05**		Prepared & Analyzed: 10/11/23						
Lead	10.7	0.1	mg/L	10.0	0.615	101	75-125	0.269	25	

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

Notes and Definitions

U	Undetected
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
ND	Analyte not detected at reporting limit.
NR	Not reported

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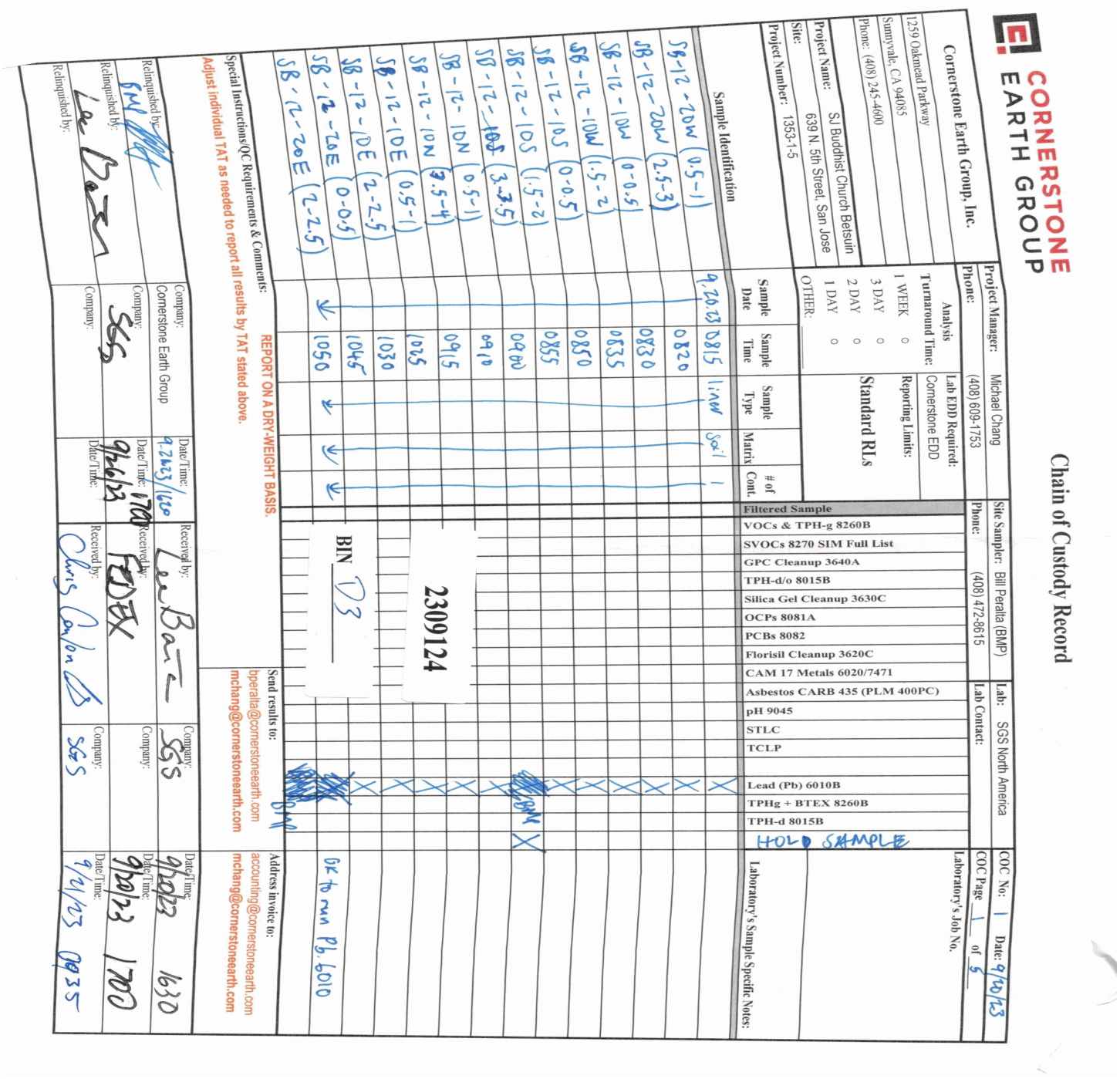
Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38



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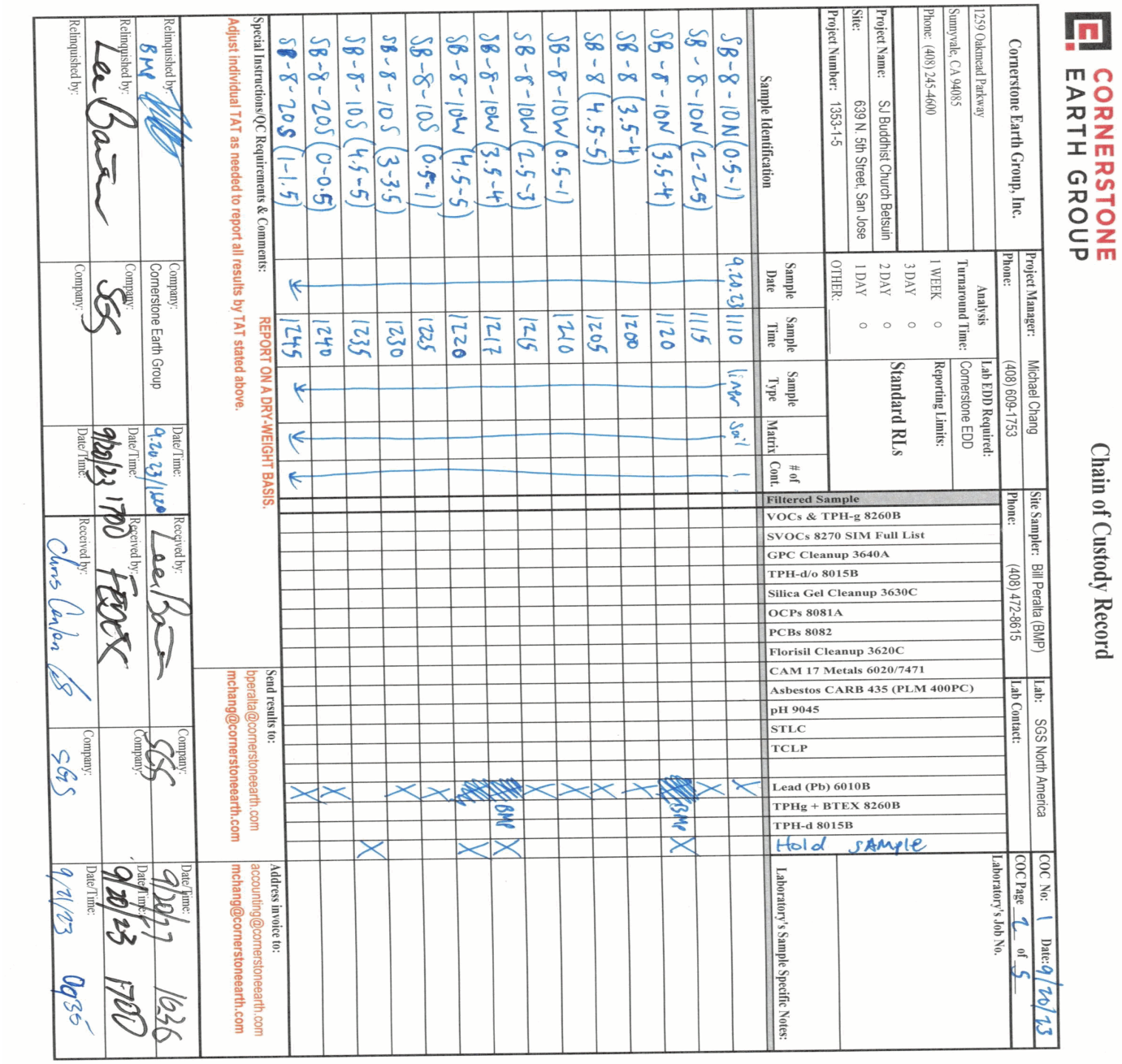
Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38



CORNERSTONE EARTH GROUP

Chain of Custody Record

Cornerstone Earth Group, Inc.
1259 Oakmead Parkway
Sunnyvale, CA 94085
Phone: (408) 245-4600

Project Manager: Michael Chang
Phone: (408) 609-1753

Site Sampler: Bill Peralta (BMP)
Phone: (408) 472-8615

Lab: SGS North America
Lab Contact:

COC No: 1 Date: 9/20/23
COC Page 1 of 5

Project Name: SJ Buddhist Church Betsuin
Site: 639 N. 5th Street, San Jose
Project Number: 1353-1-5

Analysis Turnaround Time:
1 WEEK ○
3 DAY ○
2 DAY ○
1 DAY ○
OTHER: ____

Lab EDD Required: Cornerstone EDD
Reporting Limits: Standard RLs

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs & TPH-g 8260B	SVOCs 8270 SIM Full List	GPC Cleanup 3640A	TPH-d/o 8015B	Silica Gel Cleanup 3630C	OCPs 8081A	PCBs 8082	Florisil Cleanup 3620C	CAM 17 Metals 6020/7471	Asbestos CARB 435 (PLM 400PC)	pH 9045	STLC	TCLP		Lead (Pb) 6010B	TPHg + BTEX 8260B	TPH-d 8015B	Hold sample	Laboratory's Sample Specific Notes:
SB-8-10N(0.5-1)	9.20.23	1110	Liner	Soil	1																X				
SB-8-10N(2-2.5)		1115																							
SB-8-10N(3.5-4)		1120																			X		BM	X	
SB-8(3.5-4)		1200																			X				
SB-8(4.5-5)		1205																							
SB-8-10W(0.5-1)		1210																			X				
SB-8-10W(2.5-3)		1215																			X				
SB-8-10W(3.5-4)		1217																			X		BM	X	
SB-8-10W(4.5-5)		1220																			X				
SB-8-10S(0.5-1)		1225																							
SB-8-10S(3-3.5)		1230																			X				
SB-8-10S(4.5-5)		1235																							
SB-8-20S(0-0.5)		1240																			X				
SB-8-20S(1-1.5)		1245																			X				

Special Instructions/QC Requirements & Comments:
REPORT ON A DRY-WEIGHT BASIS.
Adjust individual TAT as needed to report all results by TAT stated above.

Send results to:
bperalta@cornerstoneearth.com
mchang@cornerstoneearth.com

Address invoice to:
accounting@cornerstoneearth.com
mchang@cornerstoneearth.com

Laboratory's Job No.

Relinquished by: BM	Company: Cornerstone Earth Group	Date/Time: 9.20.23/1400	Received by: Lee Baker	Company: SGS	Date/Time: 9/20/23 1626
Relinquished by: Lee Baker	Company: SGS	Date/Time: 9/20/23 1700	Received by: FEDEX	Company: SGS	Date/Time: 9/20/23 1700
Relinquished by:	Company:	Date/Time:	Received by: Chris Conlon	Company: SGS	Date/Time: 9/21/23 0935

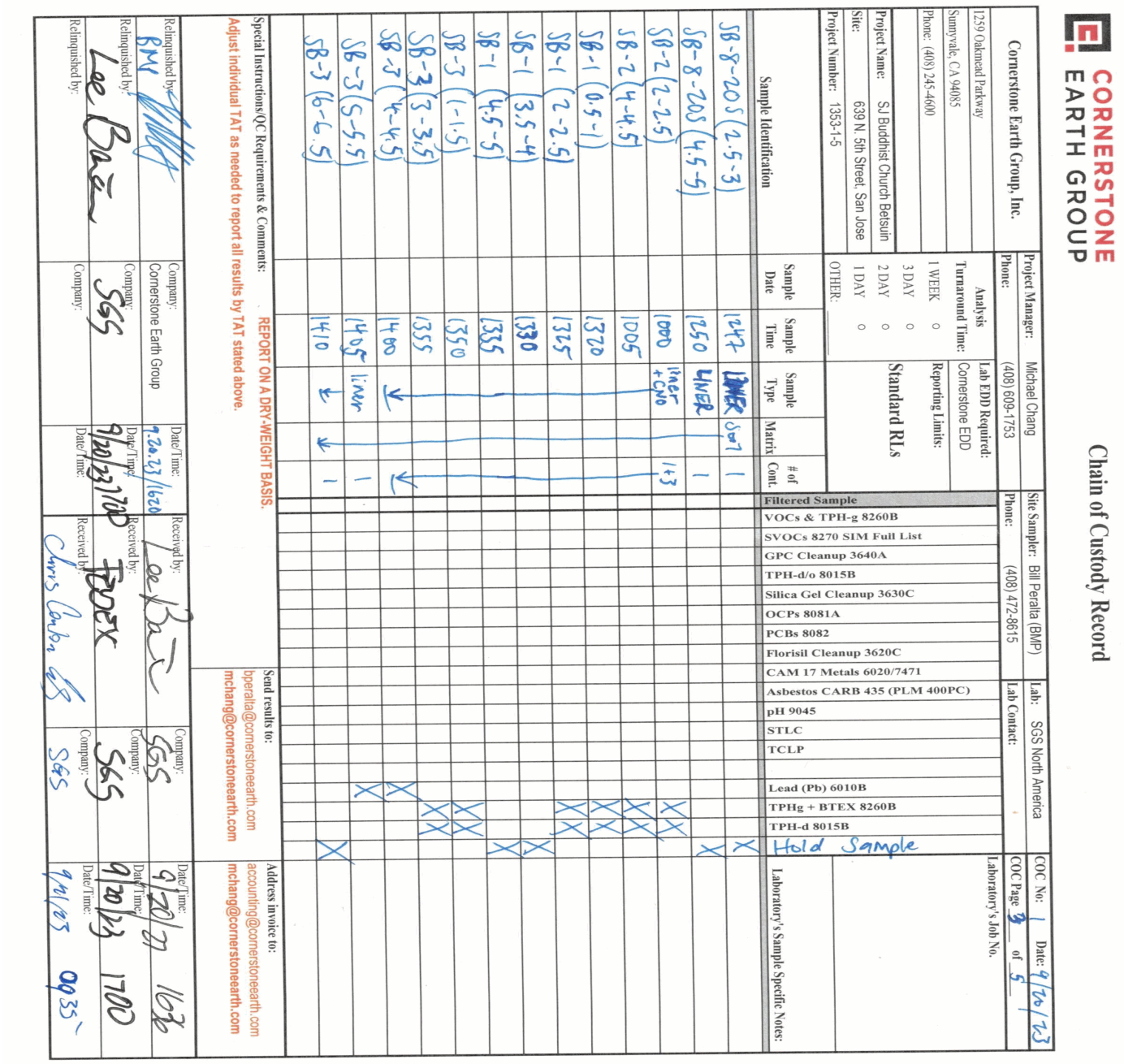
SGS Excelchem Laboratories, Inc.

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

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38



SGS Excelchem Laboratories, Inc.

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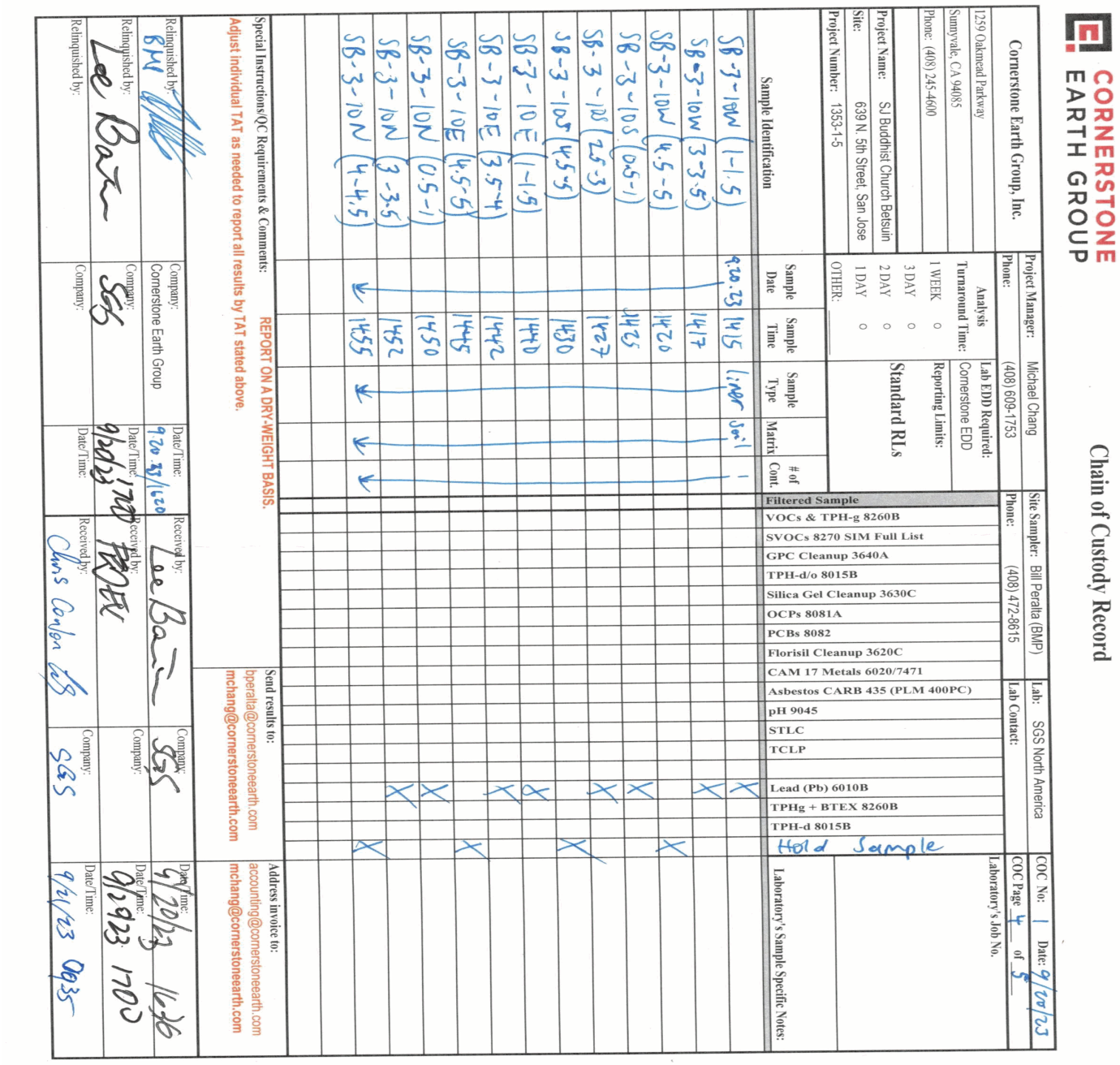
Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38



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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

CORNERSTONE EARTH GROUP

Chain of Custody Record

Cornerstone Earth Group, Inc.
1259 Oakmead Parkway
Sunnyvale, CA 94085
Phone: (408) 245-4600

Project Name: SJ Buddhist Church Betsuin
Site: 639 N. 5th Street, San Jose
Project Number: 1353-1-5

Project Manager: Michael Chang
Phone: (408) 609-1753

Analysis Turnaround Time:
1 WEEK ○ 3 DAY ○ 2 DAY ○ 1 DAY ○ OTHER: ____

Lab EDD Required: Cornerstone EDD
Reporting Limits: Standard RLs

Site Sampler: Bill Peralta (BMP)
Phone: (408) 472-8615

Lab: SGS North America
Lab Contact:

COC No: 1 Date: 9/20/23
COC Page 5 of 5

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs & TPH-g 8260B	SVOCs 8270 SIM Full List	GPC Cleanup 3640A	TPH-d/o 8015B	Silica Gel Cleanup 3630C	OCPs 8081A	PCBs 8082	Florisil Cleanup 3620C	CAM 17 Metals 6020/7471	Asbestos CARB 435 (PLM 400PC)	pH 9045	STLC	TCLP		Lead (Pb) 6010B	TPHg + BTEX 8260B	TPH-d 8015B	Laboratory's Sample Specific Notes:	Laboratory's Job No.
SB-3-20 NE (1-1.5)	9.20.23	1500	Min	Soil	1																X				
SB-3-20 NE (3-3.5)		1502			1																X				
SB-3-20 NE (4-4.5)		1505																					X	Hold sample	
SB-3-20 NW (0-0.5)		1510																			X				
SB-3-20 NW (3-3.5)		1515																			X				
SB-3-20 NW (4.5-5)		1520																					X		

Special Instructions/QC Requirements & Comments: REPORT ON A DRY-WEIGHT BASIS.
Adjust individual TAT as needed to report all results by TAT stated above.

Send results to: bperalta@cornerstoneearth.com mchang@cornerstoneearth.com

Address invoice to: accounting@cornerstoneearth.com mchang@cornerstoneearth.com

	Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
1	BMP	Cornerstone Earth Group	9.20.23 1620	Lee Baez	SGS	9/20/23 16:20
2	Lee Baez	SGS	9/21/23 1120	FEDEX		9/21/23 1700
3				Chris Colon	SGS	9/21/23 0935

SGS Excelchem Laboratories, Inc.

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Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

Sample Integrity

WORK ORDER: [illegible]

Date Received: 9/21/23

Company Name: Cornerstone Earth
New Client: Y N

Section 1 – Sample Arrival Information

Sample Transport: ONTRAC UPS USPS Walk-In EXCELCHEM Courier (Fed-Ex) Other:_____

Transported In: (Ice Chest) Box Hand

Packing materials: Bubble Wrap Foam Packing Peanuts Paper Other:_____

Has chilling process begun? (Y) N Samples Received: Chilled to Touch / Ambient / ~~On Ice~~

Temperature of Samples (°C): 1.8 +1.6° CF Ice Chest Temperature(s) (°C): -0.6 +1.6° CF

Section 2 – Bottle/Analysis Info.

	Yes	No	N/A	Comments
Did all bottles arrive unbroken and intact?	✓			
Did all bottle labels agree with COC?	✓			
Were correct containers used for the tests requested?	✓			
Were correct preservations used for the tests requested?			X	
Was a sufficient amount of sample sent for tests indicated?	✓			
Were bubbles present in VOA Vials?: **(Volatile Methods Only)**			X	
Is there head space in the VOA vials? **(Volatile Methods Only)**			X	

Section 3– COC Information

	Yes	No	Comments		Yes	No
COC Received	✓			Analysis Requested	✓	
Date Sampled	✓			Samples arrived within holding time	✓	
Time Sampled	✓			Hold times less than 72 hours		X
Sample ID	✓			Client Name	✓	
Rush Turn Around Time	✓		5day std	Client Contact Information	✓	

SHORT HOLD LIST (<72 hours)

pH	Chlorine	Corrosivity	Coliform	Dissolved Oxygen	Odor	Nitrate	Nitrite	Ortho-phosphate
MB	Asbestos	Settable Solids	Turbidity	Biochemical Oxygen Demand	HPC	Color	Tedlars	Ammonia/TKN (unpreserved)
As								

Section 4 – Comments / Discrepancies

Client notified of discrepancies: Yes / No **Notified by:**

Comments:

Bin Number/ Location:	D3
COC Scanned/Attached by:	CC
Samples labeled by:	CC
Sample labels reviewed by:	CC

Filled out by: Chris Conlon **Date:** 9/21/23 **Time:** 0940

SGS Excelchem Laboratories, Inc.

Doug Selby

Doug Selby, Technical Director

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

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/12/23 14:38

Sent: Monday, October 2, 2023 3:53 PM
To: Trapasso, Joseph (Rocklin) <Joseph.Trapasso@sgs.com>; Michael F. Chang <mchang@cornerstoneearth.com>
Subject: [EXTERNAL] RE: Final Report for Cornerstone Earth Group; SJ Buddhist Church Betsuin; 2309124; 9/20/23

*** WARNING: this message is from an EXTERNAL SENDER. Please be cautious, particularly with links and attachments. ***

Hi Joe,

On standard TAT, could we please run additional analyses on the following samples:

Lead 6010 on Hold Samples
- SB-8-10N (3.5-4)
- SB-12-10S (3-3.5)

STLC and TCLP Lead
- SB-3-10E (1-1.5)
- SB-3-20NW (0-0.5)
- SB-12-10N (3.5-4)
- SB-12-10S (0-0.5)

Extraction time + standard TAT is fine for these.

Thank you,

Bill Peralta
Senior Staff Engineer

Cornerstone Earth Group, Inc.
1259 Oakmead Parkway | Sunnyvale, CA 94085
T 408.245.4600 | C 408.472.8615

1

Doug Selby, Technical Director

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

SGS Excelchem Laboratories

Soil Samples

2309124

SGS Job Number: LA94036

Sampling Date: 09/20/23

Report to:

SGS Excelchem Laboratories
1135 W Sunset Blvd Suite A
Rocklin, CA 95765
Joseph.Trapasso@sgs.com; Christopher.Conion@sgs.com;
Kathryn.albertsen@sgs.com
ATTN: Joe Trapasso III

Total number of pages in report: 27

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Kesavalu Bagawandoss
General Manager

Client Service contact: Electa Brown 337-237-4775
Certifications: LDEQ(2048), LDHH(LA150012), AR(14-045-04), AZ(AZ0805), FL(E87657), IL(200082), KY(#31), NC(487), SC(73004001), NJ(LA007), TX(T104704186-18-16), WV(257)

Sections: 1 2 3 4 5 6

Table of Contents

SGS North America Inc.

Sample Summary

SGS Excelchem Laboratories

Job No: LA94036

Soil Samples
Project No: 2309124

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the RL							
LA94036-1	09/20/23	10:00		09/22/23	SO	Soil	SB-2 (2-2.5)
LA94036-2	09/20/23	10:05		09/22/23	SO	Soil	SB-2 (4-4.5)
LA94036-3	09/20/23	13:20		09/22/23	SO	Soil	SB-1 (0.5-1)
LA94036-4	09/20/23	13:25		09/22/23	SO	Soil	SB-1 (2-2.5)
LA94036-7	09/20/23	13:50		09/22/23	SO	Soil	SB-3 (1-1.5)
LA94036-8	09/20/23	13:55		09/22/23	SO	Soil	SB-3 (3-3.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: LA94036
Account: SGS Excelchem Laboratories
Project: Soil Samples
Collected: 09/20/23

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
LA94036-1	**SB-2 (2-2.5)**					
Benzene [a]		3.3	0.41		ug/kg	SW846 8260B
LA94036-2	**SB-2 (4-4.5)**					
No hits reported in this sample.						
LA94036-3	**SB-1 (0.5-1)**					
Benzene [a]		3.8	0.48		ug/kg	SW846 8260B
LA94036-4	**SB-1 (2-2.5)**					
Benzene [a]		4.4	0.44		ug/kg	SW846 8260B
LA94036-7	**SB-3 (1-1.5)**					
Benzene [a]		34.8	0.46		ug/kg	SW846 8260B
Toluene [a]		15.5	4.6		ug/kg	SW846 8260B
Ethylbenzene [a]		2.7	0.93		ug/kg	SW846 8260B
Xylene (total) [a]		2.8	1.9		ug/kg	SW846 8260B
LA94036-8	**SB-3 (3-3.5)**					
Benzene		0.41	0.41		ug/kg	SW846 8260B

(a) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SB-2 (2-2.5)		
Lab Sample ID:	LA94036-1	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	1I107708.D	1	09/23/23 11:18	JY	n/a	n/a	V1I3958
Run #2 [c]	1I107799.D	1	09/25/23 16:10	JY	09/22/23 17:00	n/a	V1I3966

	Initial Weight
Run #1	6.1 g
Run #2	5.9 g

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	3.3	0.41	ug/kg	
108-88-3	Toluene	ND	4.1	ug/kg	
100-41-4	Ethylbenzene	ND	0.82	ug/kg	
1330-20-7	Xylene (total)	ND	1.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	117%	123%	59-143%
2037-26-5	Toluene-D8	94%	96%	52-159%
460-00-4	4-Bromofluorobenzene	76%	73%	38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.
(b) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.
(c) Confirmation run for internal standard areas.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 (2-2.5)		
Lab Sample ID:	LA94036-1	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087108.D	1	09/27/23 17:54	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		64-128%
540-36-3	1,4-Difluorobenzene	86%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 (4-4.5)		
Lab Sample ID:	LA94036-2	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1I107709.D	1	09/23/23 11:40	JY	n/a	n/a	V1I3958
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.43	ug/kg	
108-88-3	Toluene	ND	4.3	ug/kg	
100-41-4	Ethylbenzene	ND	0.86	ug/kg	
1330-20-7	Xylene (total)	ND	1.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	118%		59-143%
2037-26-5	Toluene-D8	99%		52-159%
460-00-4	4-Bromofluorobenzene	95%		38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 (4-4.5)		
Lab Sample ID:	LA94036-2	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087105.D	1	09/27/23 16:34	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		64-128%
540-36-3	1,4-Difluorobenzene	80%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 (0.5-1)		
Lab Sample ID:	LA94036-3	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	1I107710.D	1	09/23/23 12:02	JY	n/a	n/a	V1I3958
Run #2 [c]	1I107801.D	1	09/25/23 16:54	JY	09/22/23 17:00	n/a	V1I3966

	Initial Weight
Run #1	5.2 g
Run #2	5.0 g

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	3.8	0.48	ug/kg	
108-88-3	Toluene	ND	4.8	ug/kg	
100-41-4	Ethylbenzene	ND	0.96	ug/kg	
1330-20-7	Xylene (total)	ND	1.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	125%	126%	59-143%
2037-26-5	Toluene-D8	96%	95%	52-159%
460-00-4	4-Bromofluorobenzene	81%	76%	38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.
(b) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.
(c) Confirmation run for internal standard areas.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 (0.5-1)		
Lab Sample ID:	LA94036-3	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087106.D	1	09/27/23 17:01	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	82%		64-128%
540-36-3	1,4-Difluorobenzene	81%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 (2-2.5)		
Lab Sample ID:	LA94036-4	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	1I107711.D	1	09/23/23 12:24	JY	n/a	n/a	V1I3958
Run #2 [c]	1I107803.D	1	09/25/23 17:38	JY	09/22/23 17:00	n/a	V1I3966

	Initial Weight
Run #1	5.7 g
Run #2	6.0 g

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	4.4	0.44	ug/kg	
108-88-3	Toluene	ND	4.4	ug/kg	
100-41-4	Ethylbenzene	ND	0.88	ug/kg	
1330-20-7	Xylene (total)	ND	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	124%	130%	59-143%
2037-26-5	Toluene-D8	96%	98%	52-159%
460-00-4	4-Bromofluorobenzene	85%	87%	38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.
(b) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.
(c) Confirmation run for internal standard areas.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 (2-2.5)		
Lab Sample ID:	LA94036-4	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087107.D	1	09/27/23 17:27	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.90 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		64-128%
540-36-3	1,4-Difluorobenzene	83%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 (1-1.5)		
Lab Sample ID:	LA94036-7	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	1I107714.D	1	09/23/23 13:30	JY	n/a	n/a	V1I3958
Run #2 [c]	1I107802.D	1	09/25/23 17:17	JY	09/22/23 17:00	n/a	V1I3966

	Initial Weight
Run #1	5.4 g
Run #2	5.4 g

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	34.8	0.46	ug/kg	
108-88-3	Toluene	15.5	4.6	ug/kg	
100-41-4	Ethylbenzene	2.7	0.93	ug/kg	
1330-20-7	Xylene (total)	2.8	1.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	130%	117%	59-143%
2037-26-5	Toluene-D8	95%	99%	52-159%
460-00-4	4-Bromofluorobenzene	82%	91%	38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.
(b) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.
(c) Confirmation run for internal standard areas.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 (1-1.5)		
Lab Sample ID:	LA94036-7	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087112.D	1	09/27/23 19:41	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.80 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		64-128%
540-36-3	1,4-Difluorobenzene	83%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 (3-3.5)		
Lab Sample ID:	LA94036-8	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1I107715.D	1	09/23/23 13:52	JY	n/a	n/a	V1I3958
Run #2							

	Initial Weight
Run #1	6.1 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	0.41	0.41	ug/kg	
108-88-3	Toluene	ND	4.1	ug/kg	
100-41-4	Ethylbenzene	ND	0.82	ug/kg	
1330-20-7	Xylene (total)	ND	1.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	132%		59-143%
2037-26-5	Toluene-D8	99%		52-159%
460-00-4	4-Bromofluorobenzene	105%		38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 (3-3.5)		
Lab Sample ID:	LA94036-8	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087113.D	1	09/27/23 20:07	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		64-128%
540-36-3	1,4-Difluorobenzene	96%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

1135 West Sunset Blvd., STE A, Rocklin, CA 95765
Phone (916) 543-4445

CHAIN-OF-CUSTODY-RECORD

SGS

WWW.SGS.COM

LA94036

Page 1 of 1

Report Results To:
Report Attention: Joe Trapasso III
Project Number: 2309124
Company: SGS Excelchem Laboratories
Mailing Address: 1135 W. Sunset Blvd., Suite A
City, State, Zip: Rocklin, CA 95765
Phone: 916-543-4445
Email / Fax: Joseph.Trapasso@SGS.com; Christopher.Conlon@sgs.com; Kathryn.Albertsen@SGS.com

Send Invoice To:
Invoice Attention: Chris Conlon; Joe Trapasso III
PO# 2309124
Quote #
Company: SGS Excelchem Laboratories
Mailing Address: 1135 W. Sunset Blvd., Suite A
City, State, Zip: Rocklin, CA 95765
Phone: 916-543-4445
Email / Fax: Christopher.Conlon@SGS.com; Joseph.Trapasso@SGS.com

COMPLIANCE MONITORING? Yes [✓] No [ ]
NEW ADDRESS? Results: [ ] Invoice: [ ]

Applicable Program: SDWA [ ] CWA [ ] RCRA [ ] Mining [ ] Other [ ]

QC Level Report: I [✓] III IV
NOTE: Surcharges apply to Level II, III and IV reports.

Send Results Via: Mail [ ] Email [✓]
Send Invoice Via: Mail [ ] Email [✓]

Field Measurements: On-Site pH; Chlorine; Temperature; Other

Sampled by: Signature:

I attest to the validity and authenticity of the sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time is considered fraud and may be grounds for legal action.

Standard: [ ] Standard TAT 10 Business Days. Note that some tests vary.
Rush
Same Day [ ] 3 Day [ ] Other (specify): ____
1 Day [ ] 4 Day [✓] Rush results will be issued after 4:00 p.m.
2 Day [ ] 5 Day [ ]
NOTE: A Rush Surcharge is applied for rush samples

Other Pertinent Information / Special Instructions

ANALYSES REQUESTED

	Date Sampled	Time Sampled	Sample Identification	Lab No.	Comp/Grab	Matrix*	Preservative**	Number / Type of Containers***	TPHg + BTEX 8260B	HOLD SAMPLE
1	09/20/23	10:00	SB-2 (2-2.5)			SS	6	OT	X	
2	09/20/23	10:05	SB-2 (4-4.5)			SS	6	OT	X	
3	09/20/23	13:20	SB-1 (0.5-1)			SS	6	OT	X	
4	09/20/23	13:25	SB-1 (2-2.5)			SS	6	OT	X	
5	09/20/23	13:30	SB-1 (3.5-4) •			SS	6	OT		X
6	09/20/23	13:35	SB-1 (4.5-5)			SS	6	OT		X
7	09/20/23	13:50	SB-3 (1-1.5)			SS	6	OT	X	
8	09/20/23	13:55	SB-3 (3-3.5)			SS	6	OT	X	

9/22/23 X 3 CSOC
X 3 T20 Indoor
X 3
X 3 USL8 (VS)
X COMMENTS: 3
X 3 SGS SCOTT
X 3 CA Sample
X 3

	Signature	Print Name	Company	Date	Time
Relinquished By:		Chris Conlon	SGS Rocklin	9/21/23	1630
Received By:		FIE	FIE	9/21/23	
Relinquished By:		FIE	FIE	9/22/23	1000
Received By:		E Breaux	SGS	9/22/23	1000
Relinquished By:					
Received By:					
Authorized By:					

Authorization is required to process samples. This obligates your organization for service fees. SGS Standard T & C's or other written agreement applies. If collections or legal services are required to recover said fees, your organization will be responsible for all fees and costs in addition to service fees.

Samples are discarded 30 days after results are reported unless other arrangements are made and storage fees may apply.
The analytical results associated with this COC apply only to these samples as they are received by the laboratory.
The liability of the laboratory is limited to the amount paid for the report.

Matrix* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-Surface Water, SS-Soil, S-Solid, OT-Other
Preservative** 1=H_2SO_4, 2=HNO_3, 3=HCl, 4=NaOH, 5=$Na_2S_2O_3$, 6=None, 7=Other
Container*** P-Plastic, G-Glass, V-Voa Vial, OT-Other

LA94036: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: la94036 **Client:** SGS EXCELCHEM **Project:** 2309124

Date / Time Received: 9/22/2023 10:00:00 AM **Delivery Method:** FEDEX **Airbill #'s:** 7734 9810 2206

Cooler Temps (Raw Measured) °C: Cooler 1: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (2.0);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR002		
3. Cooler media:	Ice (direct contact)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: _____ pH 12+: _____ Other: (Specify) _____ _____

Comments SB-2 (2-2.5) & SB-2 (4-4.5) have expired hold times for BTEX 8260.

SM089-03
Rev. Date 12/7/17

5

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: LA94036
Account: SGSCAR SGS Excelchem Laboratories
Project: Soil Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1I3958-MB1	1I107707.D	1	09/23/23	JY	n/a	n/a	V1I3958

The QC reported here applies to the following samples: **Method:** SW846 8260D

LA94036-1, LA94036-2, LA94036-3, LA94036-4, LA94036-7, LA94036-8

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	115%	59-143%
2037-26-5	Toluene-D8	100%	52-159%
460-00-4	4-Bromofluorobenzene	99%	38-183%

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA94036
Account: SGSCAR SGS Excelchem Laboratories
Project: Soil Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1I3958-BS1	1I107704.D	1	09/23/23	JY	n/a	n/a	V1I3958
V1I3958-BSD1	1I107705.D	1	09/23/23	JY	n/a	n/a	V1I3958

The QC reported here applies to the following samples: **Method:** SW846 8260D

LA94036-1, LA94036-2, LA94036-3, LA94036-4, LA94036-7, LA94036-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	19.9	100	19.5	98	2	67-135/30
100-41-4	Ethylbenzene	20	19.8	99	19.1	96	4	69-136/30
108-88-3	Toluene	20	18.3	92	18.3	92	0	71-135/30
1330-20-7	Xylene (total)	60	59.0	98	57.5	96	3	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	115%	115%	59-143%
2037-26-5	Toluene-D8	99%	99%	52-159%
460-00-4	4-Bromofluorobenzene	102%	104%	38-183%

* = Outside of Control Limits.

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: LA94036
Account: SGSCAR SGS Excelchem Laboratories
Project: Soil Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLC3625-MB1	LC087102.D	1	09/27/23	JB	n/a	n/a	GLC3625

The QC reported here applies to the following samples: **Method:** SW846 8015C

LA94036-1, LA94036-2, LA94036-3, LA94036-4, LA94036-7, LA94036-8

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	85%	64-128%
540-36-3	1,4-Difluorobenzene	89%	80-122%

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA94036
Account: SGSCAR SGS Excelchem Laboratories
Project: Soil Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLC3625-BS1	LC087100.D	1	09/27/23	JB	n/a	n/a	GLC3625
GLC3625-BSD1	LC087101.D	1	09/27/23	JB	n/a	n/a	GLC3625

The QC reported here applies to the following samples: **Method:** SW846 8015C

LA94036-1, LA94036-2, LA94036-3, LA94036-4, LA94036-7, LA94036-8

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	50	54.8	110	49.0	98	11	79-112/15

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	100%	96%	64-128%
540-36-3	1,4-Difluorobenzene	115%	111%	80-122%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: LA94036
Account: SGSCAR SGS Excelchem Laboratories
Project: Soil Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
LA94047-1AMS	LC087121.D	1	09/27/23	JB	n/a	n/a	GLC3625
LA94047-1AMSD	LC087122.D	1	09/28/23	JB	n/a	n/a	GLC3625
LA94047-1A	LC087117.D	1	09/27/23	JB	n/a	n/a	GLC3625

The QC reported here applies to the following samples: **Method:** SW846 8015C

LA94036-1, LA94036-2, LA94036-3, LA94036-4, LA94036-7, LA94036-8

CAS No.	Compound	LA94047-1A mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	12.3		96.2	106	97	96.2	108	100	2	60-118/16

CAS No.	Surrogate Recoveries	MS	MSD	LA94047-1A	Limits
460-00-4	4-Bromofluorobenzene	97%	96%	88%	64-128%
540-36-3	1,4-Difluorobenzene	104%	104%	86%	80-122%

* = Outside of Control Limits.

SGS EXCELCHEM Laboratories, Inc.

1135 W Sunset Boulevard
Suite A
Rocklin, CA 95765
Phone# 916-543-4445

ELAP Certificate No. : 2119

11 October 2023

Michael Chang

Cornerstone Earth Group, Inc

1256 Oakmead Parkway

Sunnyvale, CA 94085

RE: SJ Buddhist Church Betsuin

Work order number:2310024

Enclosed are the results of analyses for samples received by the laboratory on 10/05/23 09:37. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/11/23 09:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-12-20E (4.5-5)	2310024-01	Soil	09/20/23 10:55	10/05/23 09:37

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/11/23 09:33

SB-12-20E (4.5-5)
2310024-01 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**4.2**	1.0	mg/kg	AaJ0065	10/10/23	10/10/23	EPA 6010B	Z-01

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/11/23 09:33

Total Recoverable Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AaJ0065 - EPA 6010B										
Blank (AAJ0065-BLK1)				Prepared & Analyzed: 10/10/23						
Lead	ND	1.0	mg/kg							
LCS (AAJ0065-BS1)				Prepared & Analyzed: 10/10/23						
Lead	111	1.0	mg/kg	100		111	80-120			
LCS Dup (AAJ0065-BSD1)				Prepared & Analyzed: 10/10/23						
Lead	108	1.0	mg/kg	100		108	80-120	2.82	25	
Matrix Spike (AAJ0065-MS1)		**Source: 2310032-01**		Prepared & Analyzed: 10/10/23						
Lead	67.2	1.0	mg/kg	100	ND	67.2	75-125			QM-01
Matrix Spike Dup (AAJ0065-MSD1)		**Source: 2310032-01**		Prepared & Analyzed: 10/10/23						
Lead	45.5	1.0	mg/kg	100	ND	45.5	75-125	38.6	25	QM-11

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

SGS Excelchem Laboratories, Inc.

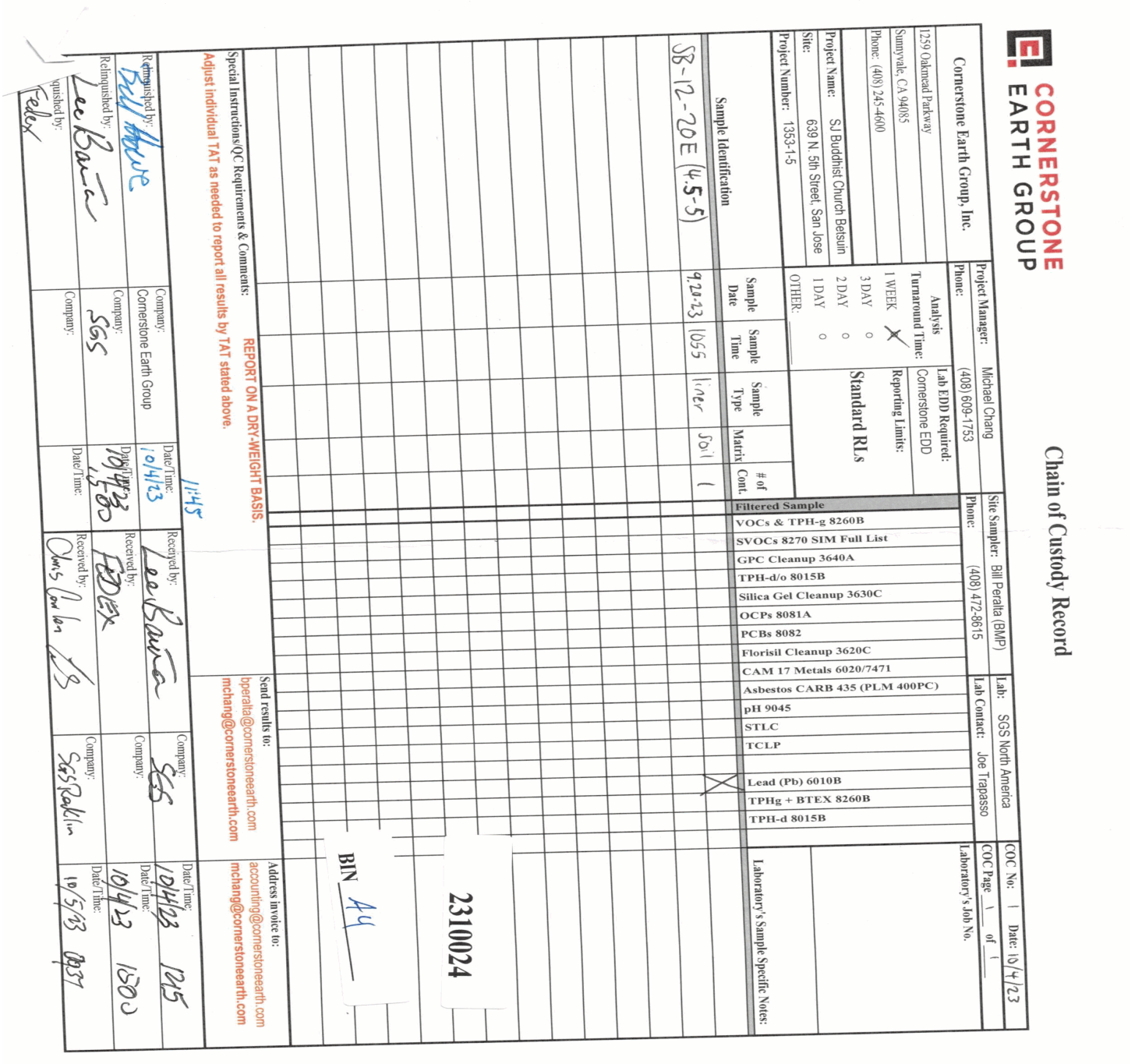
Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/11/23 09:33

Notes and Definitions

Z-01	Lead found in CCB but at less than 10% the amount found in the sample
QM-11	The spike recovery and RPD for this analyte is out of QA/QC parameters due to matrix interferences.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
ND	Analyte not detected at reporting limit.
NR	Not reported

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/11/23 09:33



SGS Excelchem Laboratories, Inc.

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

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	10/11/23 09:33

Sample Integrity

WORK ORDER: 2310024

Date Received: 10/5/23

Company Name: Cornerstone Earth
New Client: Y N

Section 1 – Sample Arrival Information

Sample Transport: ONTRAC UPS USPS Walk-In EXCELCHEM Courier Fed-Ex Other:_____
Transported In: Ice Chest Box Hand
Packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: Ziploc
Has chilling process begun? Y N **Samples Received:** Chilled to Touch / Ambient / On Ice
Temperature of Samples (°C): 1.4 +1.6° CF **Ice Chest Temperature(s) (°C):** -1.6 +1.6° CF

Section 2 – Bottle/Analysis Info.

	Yes	No	N/A	Comments
Did all bottles arrive unbroken and intact?	✓			
Did all bottle labels agree with COC?	✓			
Were correct containers used for the tests requested?	✓			
Were correct preservations used for the tests requested?			X	
Was a sufficient amount of sample sent for tests indicated?	✓			
Were bubbles present in VOA Vials?: **(Volatile Methods Only)**			X	
Is there head space in the VOA vials? **(Volatile Methods Only)**			X	

Section 3– COC Information

	Yes	No	Comments		Yes	No
COC Received	✓			Analysis Requested	✓	
Date Sampled	✓			Samples arrived within holding time	✓	
Time Sampled	✓			Hold times less than 72 hours		X
Sample ID	✓			Client Name	✓	
Rush Turn Around Time		X	5day	Client Contact Information	✓	

SHORT HOLD LIST (<72 hours)

pH	Chlorine	Corrosivity	Coliform	Dissolved Oxygen	Odor	Nitrate	Nitrite	Ortho-phosphate
MB	Asbestos	Settable Solids	Turbidity	Biochemical Oxygen Demand	HPC	Color	Tedlars	Ammonia/TKN (unpreserved)
As								

Section 4 – Comments / Discrepancies

Client notified of discrepancies: Yes / No **Notified by:**
Comments:

Bin Number/ Location:	A4
COC Scanned/Attached by:	CC
Samples labeled by:	CC
Sample labels reviewed by:	CC

Filled out by: Chris Conlon **Date:** 10/5/23 **Time:** 0940

SGS Excelchem Laboratories, Inc.

Doug Selby

Doug Selby, Technical Director

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

SGS EXCELCHEM Laboratories, Inc.

1135 W Sunset Boulevard
Suite A
Rocklin, CA 95765
Phone# 916-543-4445

ELAP Certificate No. : 2119

29 September 2023

Michael Chang

Cornerstone Earth Group, Inc

1256 Oakmead Parkway

Sunnyvale, CA 94085

RE: SJ Buddhist Church Betsuin

Work order number:2309124

Enclosed are the results of analyses for samples received by the laboratory on 09/21/23 09:35. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-12-20W (0.5-1)	2309124-01	Soil	09/20/23 08:15	09/21/23 09:35
SB-12-20W (2.5-3)	2309124-02	Soil	09/20/23 08:20	09/21/23 09:35
SB-12-10W (0-0.5)	2309124-03	Soil	09/20/23 08:30	09/21/23 09:35
SB-12-10W (1.5-2)	2309124-04	Soil	09/20/23 08:35	09/21/23 09:35
SB-12-10S (0-0.5)	2309124-05	Soil	09/20/23 08:50	09/21/23 09:35
SB-12-10S (1.5-2)	2309124-06	Soil	09/20/23 08:55	09/21/23 09:35
SB-12-10N (0.5-1)	2309124-08	Soil	09/20/23 09:10	09/21/23 09:35
SB-12-10N (3.5-4)	2309124-09	Soil	09/20/23 09:15	09/21/23 09:35
SB-12-10E (0.5-1)	2309124-10	Soil	09/20/23 10:25	09/21/23 09:35
SB-12-10E (2-2.5)	2309124-12	Soil	09/20/23 10:30	09/21/23 09:35
SB-12-20E (0-0.5)	2309124-13	Soil	09/20/23 10:45	09/21/23 09:35
SB-12-20E (2-2.5)	2309124-14	Soil	09/20/23 10:50	09/21/23 09:35
SB-8-10N (0.5-1)	2309124-15	Soil	09/20/23 11:10	09/21/23 09:35
SB-8-10N (2-2.5)	2309124-16	Soil	09/20/23 11:15	09/21/23 09:35
SB-8 (3.5-4)	2309124-18	Soil	09/20/23 12:00	09/21/23 09:35
SB-8 (4.5-5)	2309124-19	Soil	09/20/23 12:05	09/21/23 09:35
SB-8-10W (0.5-1)	2309124-20	Soil	09/20/23 12:10	09/21/23 09:35
SB-8-10W (2.5-3)	2309124-21	Soil	09/20/23 12:15	09/21/23 09:35
SB-8-10S (0.5-1)	2309124-24	Soil	09/20/23 12:25	09/21/23 09:35
SB-8-10S (3-3.5)	2309124-25	Soil	09/20/23 12:30	09/21/23 09:35
SB-8-20S (0-0.5)	2309124-27	Soil	09/20/23 12:40	09/21/23 09:35
SB-8-20S (1-1.5)	2309124-28	Soil	09/20/23 12:45	09/21/23 09:35
SB-2 (2-2.5)	2309124-31	Soil	09/20/23 10:00	09/21/23 09:35
SB-2 (4-4.5)	2309124-32	Soil	09/20/23 10:05	09/21/23 09:35
SB-1 (0.5-1)	2309124-33	Soil	09/20/23 13:20	09/21/23 09:35
SB-1 (2-2.5)	2309124-34	Soil	09/20/23 13:25	09/21/23 09:35
SB-3 (1-1.5)	2309124-37	Soil	09/20/23 13:50	09/21/23 09:35
SB-3 (3-3.5)	2309124-38	Soil	09/20/23 13:55	09/21/23 09:35
SB-3 (4-4.5)	2309124-39	Soil	09/20/23 14:00	09/21/23 09:35

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-3 (5-5.5)	2309124-40	Soil	09/20/23 14:05	09/21/23 09:35
SB-3-10W (1-1.5)	2309124-42	Soil	09/20/23 14:15	09/21/23 09:35
SB-3-10W (3-3.5)	2309124-43	Soil	09/20/23 14:17	09/21/23 09:35
SB-3-10S (0.5-1)	2309124-45	Soil	09/20/23 14:25	09/21/23 09:35
SB-3-10S (2.5-3)	2309124-46	Soil	09/20/23 14:27	09/21/23 09:35
SB-3-10E (1-1.5)	2309124-48	Soil	09/20/23 14:40	09/21/23 09:35
SB-3-10E (3.5-4)	2309124-49	Soil	09/20/23 14:42	09/21/23 09:35
SB-3-10N (0.5-1)	2309124-51	Soil	09/20/23 14:50	09/21/23 09:35
SB-3-10N (3-3.5)	2309124-52	Soil	09/20/23 14:52	09/21/23 09:35
SB-3-20NE (1-1.5)	2309124-54	Soil	09/20/23 15:00	09/21/23 09:35
SB-3-20NE (3-3.5)	2309124-55	Soil	09/20/23 15:02	09/21/23 09:35
SB-3-20NW (0-0.5)	2309124-57	Soil	09/20/23 15:10	09/21/23 09:35
SB-3-20NW (3-3.5)	2309124-58	Soil	09/20/23 15:15	09/21/23 09:35

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-20W (0.5-1)
2309124-01 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**87.9**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-20W (2.5-3)
2309124-02 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**7.7**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-10W (0-0.5)
2309124-03 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**72.3**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-10W (1.5-2)
2309124-04 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**7.9**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-10S (0-0.5)
2309124-05 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**311**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-10S (1.5-2)
2309124-06 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**118**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-10N (0.5-1)
2309124-08 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**67.8**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-10N (3.5-4)
2309124-09 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**784**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-10E (0.5-1)
2309124-10 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**118**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-10E (2-2.5)
2309124-12 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**138**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-20E (0-0.5)
2309124-13 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**88.8**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-12-20E (2-2.5)
2309124-14 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**119**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-8-10N (0.5-1)
2309124-15 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**73.4**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-8-10N (2-2.5)
2309124-16 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**85.2**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-8 (3.5-4)
2309124-18 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**8.0**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-8 (4.5-5)
2309124-19 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**7.0**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-8-10W (0.5-1)
2309124-20 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**86.7**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-8-10W (2.5-3)
2309124-21 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**8.9**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-8-10S (0.5-1)
2309124-24 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**69.8**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-8-10S (3-3.5)
2309124-25 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**7.1**	1.0	mg/kg	AaI0205	09/26/23	09/27/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-8-20S (0-0.5)
2309124-27 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**8.2**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-8-20S (1-1.5)
2309124-28 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**41.1**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-2 (2-2.5)
2309124-31 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**2.04**	1.00	mg/kg	AaI0204	09/26/23	09/26/23	EPA 8015Mod	
Surrogate: o-Terphenyl	*47.1 %*	% Recovery Limits		*25-175*			*"*	

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-2 (4-4.5)
2309124-32 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	1.00	mg/kg	AaI0204	09/26/23	09/26/23	EPA 8015Mod	U
Surrogate: o-Terphenyl	*43.2 %*	% Recovery Limits		*25-175*			"	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-1 (0.5-1)
2309124-33 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**23.7**	1.99	mg/kg	AaI0204	09/26/23	09/27/23	EPA 8015Mod	
Surrogate: o-Terphenyl	*63.7 %*	% Recovery Limits		*25-175*			*"*	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-1 (2-2.5)
2309124-34 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**4.23**	1.00	mg/kg	AaI0204	09/26/23	09/26/23	EPA 8015Mod	
Surrogate: o-Terphenyl	*51.6 %*	% Recovery Limits		*25-175*			*"*	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3 (1-1.5)
2309124-37 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**19.2**	1.00	mg/kg	AaI0204	09/26/23	09/27/23	EPA 8015Mod	
Surrogate: o-Terphenyl	*48.2 %*	% Recovery Limits		*25-175*			*"*	

Doug Selby, Technical Director

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3 (3-3.5)
2309124-38 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**0.915**	1.00	mg/kg	AaI0204	09/26/23	09/26/23	EPA 8015Mod	J
Surrogate: o-Terphenyl	*50.2 %*	% Recovery Limits		*25-175*			*"*	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3 (4-4.5)
2309124-39 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**7.3**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3 (5-5.5)
2309124-40 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**9.5**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-10W (1-1.5)
2309124-42 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**183**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-10W (3-3.5)
2309124-43 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**26.9**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-10S (0.5-1)
2309124-45 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**12.4**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-10S (2.5-3)
2309124-46 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**19.5**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-10E (1-1.5)
2309124-48 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**909**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-10E (3.5-4)
2309124-49 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**23.5**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-10N (0.5-1)
2309124-51 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**49.3**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-10N (3-3.5)
2309124-52 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**8.2**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-20NE (1-1.5)
2309124-54 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**170**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-20NE (3-3.5)
2309124-55 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**29.9**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

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Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-20NW (0-0.5)
2309124-57 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**338**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

SB-3-20NW (3-3.5)
2309124-58 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Total Recoverable Metals								
Lead	**8.0**	1.0	mg/kg	AaI0215	09/27/23	09/28/23	EPA 6010B	

SGS Excelchem Laboratories, Inc.

Doug Selby, Technical Director

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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

Total Petroleum Hydrocarbons by FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AaI0204 - EPA 8015Mod										
Blank (AAI0204-BLK1)				Prepared & Analyzed: 09/26/23						
Surrogate: o-Terphenyl	*1.24*		*mg/kg*	*2.49*		*49.8*	*25-175*			
TPH as Diesel	ND	1.00	"							U
LCS (AAI0204-BS1)				Prepared & Analyzed: 09/26/23						
Surrogate: o-Terphenyl	*1.70*		*mg/kg*	*2.50*		*68.1*	*25-175*			
TPH as Diesel	53.4	1.00	"	99.9		53.5	40-160			
LCS Dup (AAI0204-BSD1)				Prepared & Analyzed: 09/26/23						
Surrogate: o-Terphenyl	*1.68*		*mg/kg*	*2.50*		*67.1*	*25-175*			
TPH as Diesel	52.8	1.00	"	99.9		52.9	40-160	1.09	40	
Matrix Spike (AAI0204-MS1)		**Source: 2309129-01**		Prepared & Analyzed: 09/26/23						
Surrogate: o-Terphenyl	*1.59*		*mg/kg*	*2.49*		*63.8*	*25-175*			
TPH as Diesel	51.4	1.00	"	99.6	2.96	48.6	40-160			
Matrix Spike Dup (AAI0204-MSD1)		**Source: 2309129-01**		Prepared & Analyzed: 09/26/23						
Surrogate: o-Terphenyl	*1.82*		*mg/kg*	*2.49*		*72.9*	*25-175*			
TPH as Diesel	58.3	1.00	"	99.7	2.96	55.5	40-160	12.6	40	

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Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

Total Recoverable Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AaI0205 - EPA 6010B										
Blank (AAI0205-BLK1)				Prepared: 09/26/23 Analyzed: 09/27/23						
Lead	ND	1.0	mg/kg							U
LCS (AAI0205-BS1)				Prepared: 09/26/23 Analyzed: 09/27/23						
Lead	95.2	1.0	mg/kg	100		95.2	80-120			
LCS Dup (AAI0205-BSD1)				Prepared: 09/26/23 Analyzed: 09/27/23						
Lead	95.5	1.0	mg/kg	100		95.5	80-120	0.239	25	
Matrix Spike (AAI0205-MS1)		**Source: 2309124-01**		Prepared: 09/26/23 Analyzed: 09/27/23						
Lead	160	1.0	mg/kg	100	87.9	71.7	75-125			QM-01
Matrix Spike Dup (AAI0205-MSD1)		**Source: 2309124-01**		Prepared: 09/26/23 Analyzed: 09/27/23						
Lead	165	1.0	mg/kg	100	87.9	77.6	75-125	3.58	25	
Batch AaI0215 - EPA 6010B										
Blank (AAI0215-BLK1)				Prepared: 09/27/23 Analyzed: 09/28/23						
Lead	ND	1.0	mg/kg							U
LCS (AAI0215-BS1)				Prepared: 09/27/23 Analyzed: 09/28/23						
Lead	97.0	1.0	mg/kg	100		97.0	80-120			
LCS Dup (AAI0215-BSD1)				Prepared: 09/27/23 Analyzed: 09/28/23						
Lead	95.9	1.0	mg/kg	100		95.9	80-120	1.06	25	
Matrix Spike (AAI0215-MS1)		**Source: 2309124-27**		Prepared: 09/27/23 Analyzed: 09/28/23						
Lead	92.8	1.0	mg/kg	100	8.16	84.7	75-125			

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

Total Recoverable Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AaI0215 - EPA 6010B										
Matrix Spike Dup (AAI0215-MSD1)		**Source: 2309124-27**		Prepared: 09/27/23 Analyzed: 09/28/23						
Lead	89.8	1.0	mg/kg	100	8.16	81.7	75-125	3.29	25	

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1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

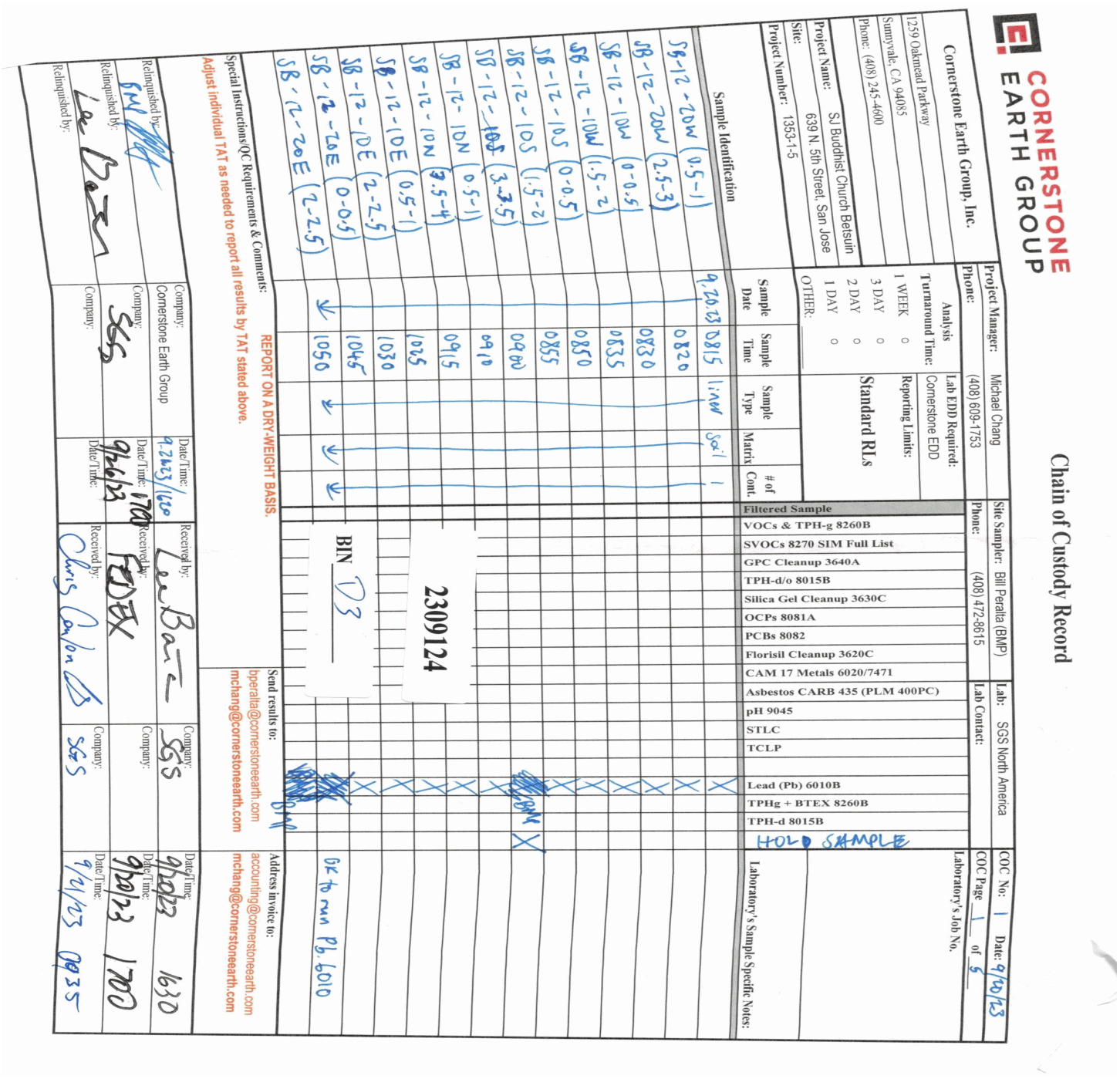
Notes and Definitions

U	Undetected
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
ND	Analyte not detected at reporting limit.
NR	Not reported

Doug Selby, Technical Director

SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40



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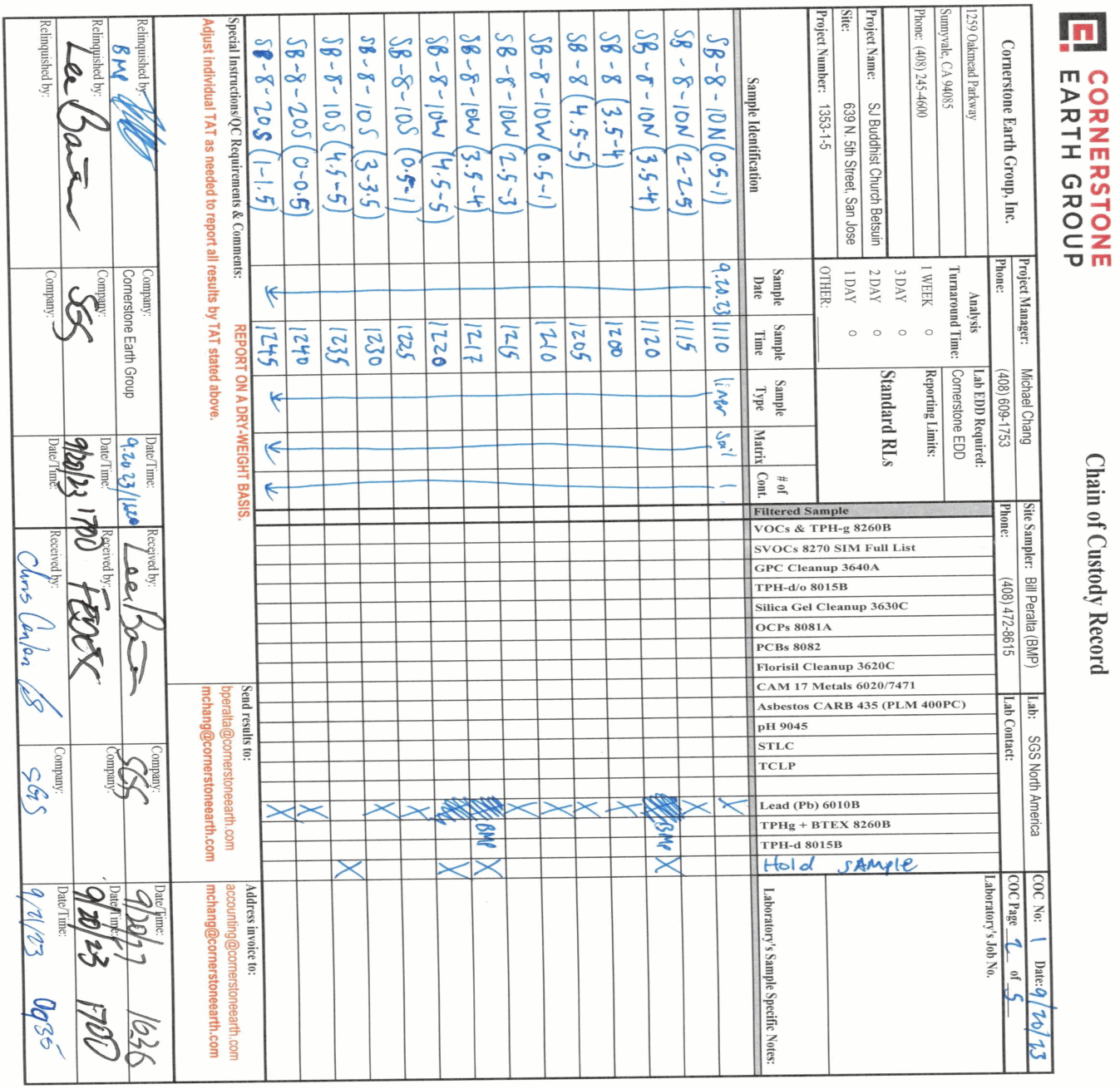
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40



CORNERSTONE EARTH GROUP

Chain of Custody Record

Cornerstone Earth Group, Inc.
1259 Oakmead Parkway
Sunnyvale, CA 94085
Phone: (408) 245-4600

Project Manager: Michael Chang
Phone: (408) 609-1753

Site Sampler: Bill Peralta (BMP)
Phone: (408) 472-8615

Lab: SGS North America
Lab Contact:

COC No: 1 Date: 9/20/23
COC Page 1 of 5

Project Name: SJ Buddhist Church Betsuin
Site: 639 N. 5th Street, San Jose
Project Number: 1353-1-5

Analysis Turnaround Time:
1 WEEK ○
3 DAY ○
2 DAY ○
1 DAY ○
OTHER: ____

Lab EDD Required: Cornerstone EDD
Reporting Limits: Standard RLs

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs & TPH-g 8260B	SVOCs 8270 SIM Full List	GPC Cleanup 3640A	TPH-d/o 8015B	Silica Gel Cleanup 3630C	OCPs 8081A	PCBs 8082	Florisil Cleanup 3620C	CAM 17 Metals 6020/7471	Asbestos CARB 435 (PLM 400PC)	pH 9045	STLC	TCLP		Lead (Pb) 6010B	TPHg + BTEX 8260B	TPH-d 8015B	Hold sample	Laboratory's Sample Specific Notes:
SB-8-10N(0.5-1)	9.20.23	1110	Soil		1																X				
SB-8-10N(2-2.5)		1115																							
SB-8-10N(3.5-4)		1120																			X		BM	X	
SB-8(3.5-4)		1200																			X				
SB-8(4.5-5)		1205																							
SB-8-10W(0.5-1)		1210																			X				
SB-8-10W(2.5-3)		1215																			X				
SB-8-10W(3.5-4)		1217																			X		BM	X	
SB-8-10W(4.5-5)		1220																			X				
SB-8-10S(0.5-1)		1225																							
SB-8-10S(3-3.5)		1230																			X				
SB-8-10S(4.5-5)		1235																							
SB-8-20S(0-0.5)		1240																			X				
SB-8-20S(1-1.5)		1245																			X				

Special Instructions/QC Requirements & Comments:
REPORT ON A DRY-WEIGHT BASIS.
Adjust individual TAT as needed to report all results by TAT stated above.

Send results to:
bperalta@cornerstoneearth.com
mchang@cornerstoneearth.com

Address invoice to:
accounting@cornerstoneearth.com
mchang@cornerstoneearth.com

Laboratory's Job No.

	Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
1	BM	Cornerstone Earth Group	9.20.23/1400	Lee Barrow	SGS	9/20/23 1626
2	Lee Barrow	SGS	9/20/23 1700	Fedex	SGS	9/20/23 1700
3				Chris Conlon	SGS	9/21/23 0935

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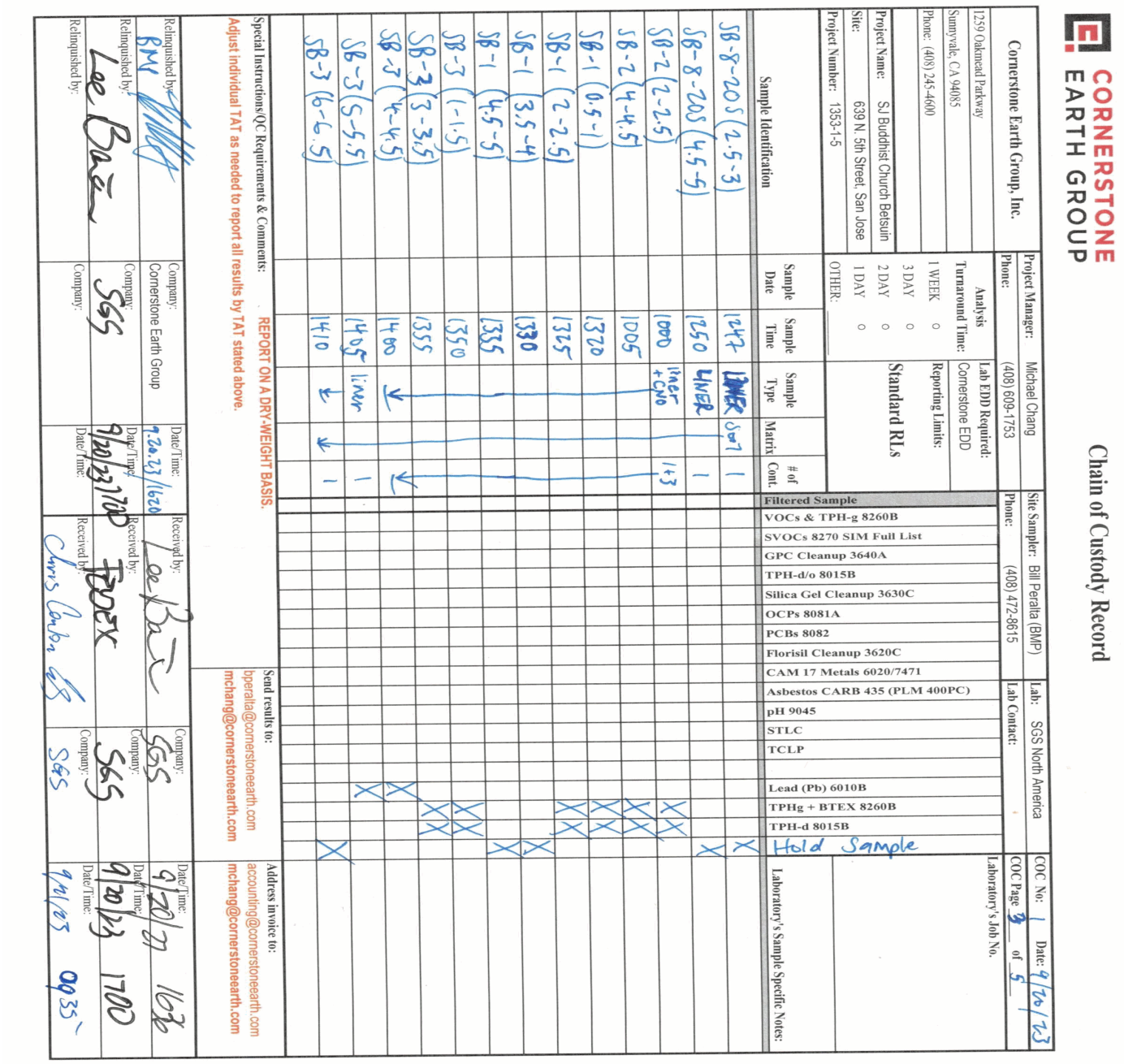
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40



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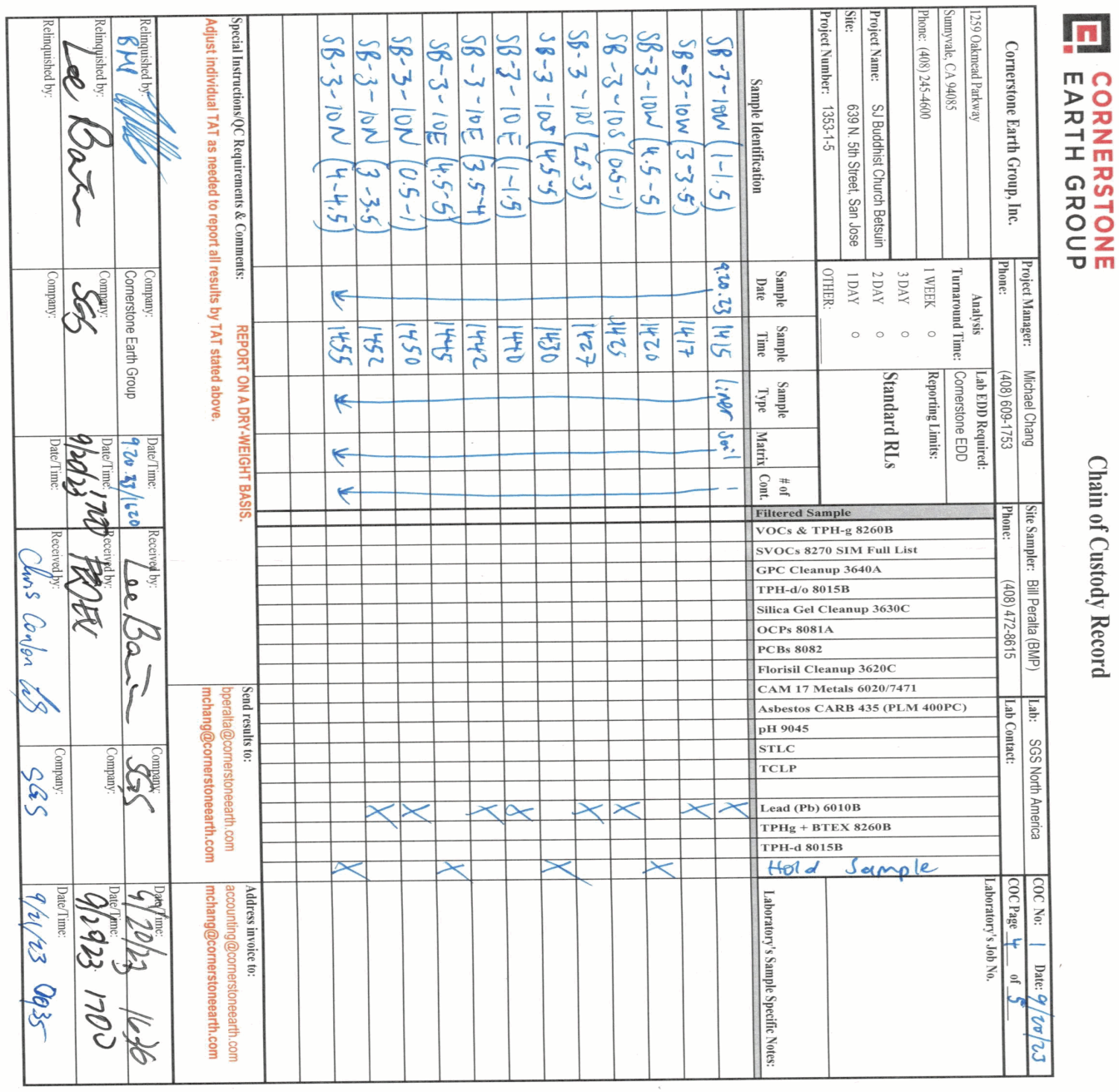
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40



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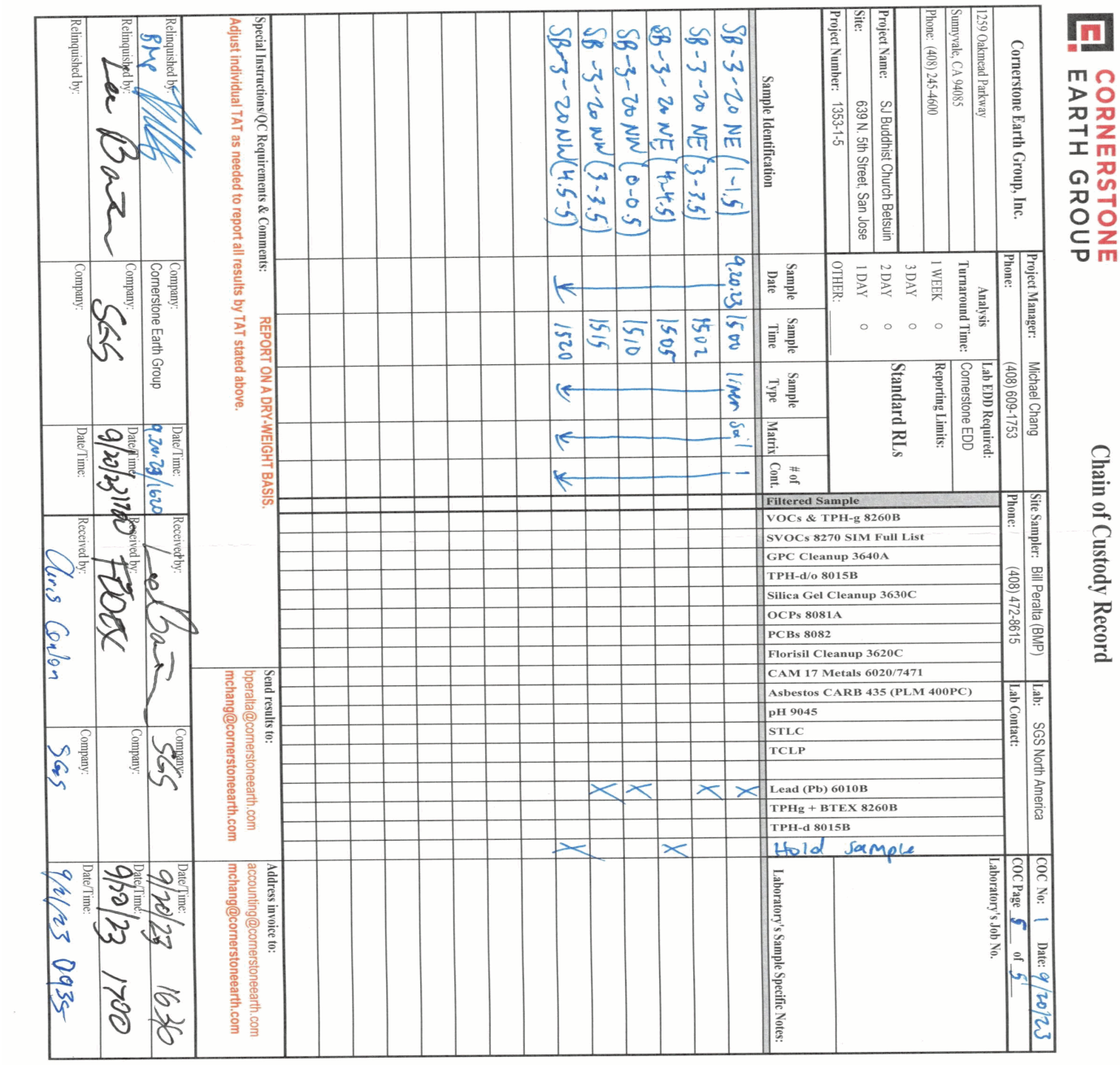
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40



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SGS Excelchem Laboratories, Inc.

Cornerstone Earth Group, Inc	Project:	SJ Buddhist Church Betsuin	
1256 Oakmead Parkway	Project Number:	1353-1-5	Date Reported:
Sunnyvale, CA 94085	Project Manager:	Michael Chang	09/29/23 10:40

Sample Integrity

WORK ORDER: [illegible]

Date Received: 9/21/23

Company Name: Cornerstone Earth
New Client: Y N

Section 1 – Sample Arrival Information

Sample Transport: ONTRAC UPS USPS Walk-In EXCELCHEM Courier (Fed-Ex) Other:_____

Transported In: (Ice Chest) Box Hand

Packing materials: Bubble Wrap Foam Packing Peanuts Paper Other:_____

Has chilling process begun? (Y) N Samples Received: Chilled to Touch / Ambient / ~~On Ice~~

Temperature of Samples (°C): 1.8 +1.6° CF Ice Chest Temperature(s) (°C): -0.6 +1.6° CF

Section 2 – Bottle/Analysis Info.

	Yes	No	N/A	Comments
Did all bottles arrive unbroken and intact?	✓			
Did all bottle labels agree with COC?	✓			
Were correct containers used for the tests requested?	✓			
Were correct preservations used for the tests requested?			X	
Was a sufficient amount of sample sent for tests indicated?	✓			
Were bubbles present in VOA Vials?: **(Volatile Methods Only)**			X	
Is there head space in the VOA vials? **(Volatile Methods Only)**			X	

Section 3– COC Information

	Yes	No	Comments		Yes	No
COC Received	✓			Analysis Requested	✓	
Date Sampled	✓			Samples arrived within holding time	✓	
Time Sampled	✓			Hold times less than 72 hours		X
Sample ID	✓			Client Name	✓	
Rush Turn Around Time	✓		5day std	Client Contact Information	✓	

SHORT HOLD LIST (<72 hours)

pH	Chlorine	Corrosivity	Coliform	Dissolved Oxygen	Odor	Nitrate	Nitrite	Ortho-phosphate
MB	Asbestos	Settable Solids	Turbidity	Biochemical Oxygen Demand	HPC	Color	Tedlars	Ammonia/TKN (unpreserved)
As								

Section 4 – Comments / Discrepancies

Client notified of discrepancies: Yes / No **Notified by:**

Comments:

Bin Number/ Location:	D3
COC Scanned/Attached by:	CC
Samples labeled by:	CC
Sample labels reviewed by:	CC

Filled out by: Chris Conlon

Date: 9/21/23

Time: 0940

SGS Excelchem Laboratories, Inc.

Doug Selby

Doug Selby, Technical Director

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

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

SGS Excelchem Laboratories

Soil Samples

2309124

SGS Job Number: LA94036

Sampling Date: 09/20/23

Report to:

SGS Excelchem Laboratories
1135 W Sunset Blvd Suite A
Rocklin, CA 95765
Joseph.Trapasso@sgs.com; Christopher.Conion@sgs.com;
Kathryn.albertsen@sgs.com
ATTN: Joe Trapasso III

Total number of pages in report: 27

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Kesavalu Bagawandoss
General Manager

Client Service contact: Electa Brown 337-237-4775
Certifications: LDEQ(2048), LDHH(LA150012), AR(14-045-04), AZ(AZ0805), FL(E87657), IL(200082), KY(#31), NC(487), SC(73004001), NJ(LA007), TX(T104704186-18-16), WV(257)

Sections: 1 2 3 4 5 6

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SGS North America Inc.

Sample Summary

SGS Excelchem Laboratories

Job No: LA94036

Soil Samples
Project No: 2309124

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the RL							
LA94036-1	09/20/23	10:00		09/22/23	SO	Soil	SB-2 (2-2.5)
LA94036-2	09/20/23	10:05		09/22/23	SO	Soil	SB-2 (4-4.5)
LA94036-3	09/20/23	13:20		09/22/23	SO	Soil	SB-1 (0.5-1)
LA94036-4	09/20/23	13:25		09/22/23	SO	Soil	SB-1 (2-2.5)
LA94036-7	09/20/23	13:50		09/22/23	SO	Soil	SB-3 (1-1.5)
LA94036-8	09/20/23	13:55		09/22/23	SO	Soil	SB-3 (3-3.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: LA94036
Account: SGS Excelchem Laboratories
Project: Soil Samples
Collected: 09/20/23

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
LA94036-1	**SB-2 (2-2.5)**					
Benzene [a]		3.3	0.41		ug/kg	SW846 8260B
LA94036-2	**SB-2 (4-4.5)**					
No hits reported in this sample.						
LA94036-3	**SB-1 (0.5-1)**					
Benzene [a]		3.8	0.48		ug/kg	SW846 8260B
LA94036-4	**SB-1 (2-2.5)**					
Benzene [a]		4.4	0.44		ug/kg	SW846 8260B
LA94036-7	**SB-3 (1-1.5)**					
Benzene [a]		34.8	0.46		ug/kg	SW846 8260B
Toluene [a]		15.5	4.6		ug/kg	SW846 8260B
Ethylbenzene [a]		2.7	0.93		ug/kg	SW846 8260B
Xylene (total) [a]		2.8	1.9		ug/kg	SW846 8260B
LA94036-8	**SB-3 (3-3.5)**					
Benzene		0.41	0.41		ug/kg	SW846 8260B

(a) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SB-2 (2-2.5)		
Lab Sample ID:	LA94036-1	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	1I107708.D	1	09/23/23 11:18	JY	n/a	n/a	V1I3958
Run #2 [c]	1I107799.D	1	09/25/23 16:10	JY	09/22/23 17:00	n/a	V1I3966

	Initial Weight
Run #1	6.1 g
Run #2	5.9 g

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	3.3	0.41	ug/kg	
108-88-3	Toluene	ND	4.1	ug/kg	
100-41-4	Ethylbenzene	ND	0.82	ug/kg	
1330-20-7	Xylene (total)	ND	1.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	117%	123%	59-143%
2037-26-5	Toluene-D8	94%	96%	52-159%
460-00-4	4-Bromofluorobenzene	76%	73%	38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.
(b) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.
(c) Confirmation run for internal standard areas.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 (2-2.5)		
Lab Sample ID:	LA94036-1	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087108.D	1	09/27/23 17:54	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		64-128%
540-36-3	1,4-Difluorobenzene	86%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 (4-4.5)		
Lab Sample ID:	LA94036-2	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1I107709.D	1	09/23/23 11:40	JY	n/a	n/a	V1I3958
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.43	ug/kg	
108-88-3	Toluene	ND	4.3	ug/kg	
100-41-4	Ethylbenzene	ND	0.86	ug/kg	
1330-20-7	Xylene (total)	ND	1.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	118%		59-143%
2037-26-5	Toluene-D8	99%		52-159%
460-00-4	4-Bromofluorobenzene	95%		38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 (4-4.5)		
Lab Sample ID:	LA94036-2	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087105.D	1	09/27/23 16:34	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		64-128%
540-36-3	1,4-Difluorobenzene	80%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 (0.5-1)		
Lab Sample ID:	LA94036-3	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	1I107710.D	1	09/23/23 12:02	JY	n/a	n/a	V1I3958
Run #2 [c]	1I107801.D	1	09/25/23 16:54	JY	09/22/23 17:00	n/a	V1I3966

	Initial Weight
Run #1	5.2 g
Run #2	5.0 g

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	3.8	0.48	ug/kg	
108-88-3	Toluene	ND	4.8	ug/kg	
100-41-4	Ethylbenzene	ND	0.96	ug/kg	
1330-20-7	Xylene (total)	ND	1.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	125%	126%	59-143%
2037-26-5	Toluene-D8	96%	95%	52-159%
460-00-4	4-Bromofluorobenzene	81%	76%	38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.
(b) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.
(c) Confirmation run for internal standard areas.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 (0.5-1)		
Lab Sample ID:	LA94036-3	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087106.D	1	09/27/23 17:01	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	82%		64-128%
540-36-3	1,4-Difluorobenzene	81%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 (2-2.5)		
Lab Sample ID:	LA94036-4	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	1I107711.D	1	09/23/23 12:24	JY	n/a	n/a	V1I3958
Run #2 [c]	1I107803.D	1	09/25/23 17:38	JY	09/22/23 17:00	n/a	V1I3966

	Initial Weight
Run #1	5.7 g
Run #2	6.0 g

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	4.4	0.44	ug/kg	
108-88-3	Toluene	ND	4.4	ug/kg	
100-41-4	Ethylbenzene	ND	0.88	ug/kg	
1330-20-7	Xylene (total)	ND	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	124%	130%	59-143%
2037-26-5	Toluene-D8	96%	98%	52-159%
460-00-4	4-Bromofluorobenzene	85%	87%	38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.
(b) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.
(c) Confirmation run for internal standard areas.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 (2-2.5)		
Lab Sample ID:	LA94036-4	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087107.D	1	09/27/23 17:27	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.90 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		64-128%
540-36-3	1,4-Difluorobenzene	83%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 (1-1.5)		
Lab Sample ID:	LA94036-7	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	1I107714.D	1	09/23/23 13:30	JY	n/a	n/a	V1I3958
Run #2 [c]	1I107802.D	1	09/25/23 17:17	JY	09/22/23 17:00	n/a	V1I3966

	Initial Weight
Run #1	5.4 g
Run #2	5.4 g

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	34.8	0.46	ug/kg	
108-88-3	Toluene	15.5	4.6	ug/kg	
100-41-4	Ethylbenzene	2.7	0.93	ug/kg	
1330-20-7	Xylene (total)	2.8	1.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	130%	117%	59-143%
2037-26-5	Toluene-D8	95%	99%	52-159%
460-00-4	4-Bromofluorobenzene	82%	91%	38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.
(b) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.
(c) Confirmation run for internal standard areas.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 (1-1.5)		
Lab Sample ID:	LA94036-7	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087112.D	1	09/27/23 19:41	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.80 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		64-128%
540-36-3	1,4-Difluorobenzene	83%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 (3-3.5)		
Lab Sample ID:	LA94036-8	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1I107715.D	1	09/23/23 13:52	JY	n/a	n/a	V1I3958
Run #2							

	Initial Weight
Run #1	6.1 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	0.41	0.41	ug/kg	
108-88-3	Toluene	ND	4.1	ug/kg	
100-41-4	Ethylbenzene	ND	0.82	ug/kg	
1330-20-7	Xylene (total)	ND	1.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	132%		59-143%
2037-26-5	Toluene-D8	99%		52-159%
460-00-4	4-Bromofluorobenzene	105%		38-183%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 (3-3.5)		
Lab Sample ID:	LA94036-8	**Date Sampled:**	09/20/23
Matrix:	SO - Soil	**Date Received:**	09/22/23
Method:	SW846 8015C SW846 5035	**Percent Solids:**	n/a [a]
Project:	Soil Samples		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LC087113.D	1	09/27/23 20:07	JB	09/22/23 17:00	n/a	GLC3625
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	4.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		64-128%
540-36-3	1,4-Difluorobenzene	96%		80-122%

(a) All results with the exception of 29B parameters are reported on a wet weight basis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

1135 West Sunset Blvd., STE A, Rocklin, CA 95765
Phone (916) 543-4445

CHAIN-OF-CUSTODY-RECORD

SGS

WWW.SGS.COM

LA94036

Page 1 of 1

Report Results To:
Report Attention: Joe Trapasso III
Project Number: 2309124
Company: SGS Excelchem Laboratories
Mailing Address: 1135 W. Sunset Blvd., Suite A
City, State, Zip: Rocklin, CA 95765
Phone: 916-543-4445
Email / Fax: Joseph.Trapasso@SGS.com; Christopher.Conlon@sgs.com; Kathryn.Albertsen@SGS.com

Send Invoice To:
Invoice Attention: Chris Conlon; Joe Trapasso III
PO# 2309124
Quote #
Company: SGS Excelchem Laboratories
Mailing Address: 1135 W. Sunset Blvd., Suite A
City, State, Zip: Rocklin, CA 95765
Phone: 916-543-4445
Email / Fax: Christopher.Conlon@SGS.com; Joseph.Trapasso@SGS.com

COMPLIANCE MONITORING? Yes [✓] No [ ]
NEW ADDRESS? Results: [ ] Invoice: [ ]

Applicable Program: SDWA [ ] CWA [ ] RCRA [ ] Mining [ ] Other [ ]

QC Level Report: I [✓] III IV
NOTE: Surcharges apply to Level II, III and IV reports.

Send Results Via: Mail [ ] Email [✓]
Send Invoice Via: Mail [ ] Email [✓]

Field Measurements: On-Site pH; Chlorine; Temperature; Other

Sampled by: Signature:

I attest to the validity and authenticity of the sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time is considered fraud and may be grounds for legal action.

Standard: [ ] Standard TAT 10 Business Days. Note that some tests vary.
Rush
Same Day [ ] 3 Day [ ] Other (specify): ____
1 Day [ ] 4 Day [✓] Rush results will be issued after 4:00 p.m.
2 Day [ ] 5 Day [ ]
NOTE: A Rush Surcharge is applied for rush samples

Other Pertinent Information / Special Instructions

ANALYSES REQUESTED

	Date Sampled	Time Sampled	Sample Identification	Lab No.	Comp/Grab	Matrix*	Preservative**	Number / Type of Containers***	TPHg + BTEX 8260B	HOLD SAMPLE
1	09/20/23	10:00	SB-2 (2-2.5)			SS	6	OT	X	
2	09/20/23	10:05	SB-2 (4-4.5)			SS	6	OT	X	
3	09/20/23	13:20	SB-1 (0.5-1)			SS	6	OT	X	
4	09/20/23	13:25	SB-1 (2-2.5)			SS	6	OT	X	
5	09/20/23	13:30	SB-1 (3.5-4) •			SS	6	OT		X
6	09/20/23	13:35	SB-1 (4.5-5)			SS	6	OT		X
7	09/20/23	13:50	SB-3 (1-1.5)			SS	6	OT	X	
8	09/20/23	13:55	SB-3 (3-3.5)			SS	6	OT	X	

9/22/23 X 3 CSOC
X 3 T20 Indoor
X 3
X 3 USL8 (VS)
X COMMENTS: 3
X 3 SGS SCOTT
X 3 CA Sample
X 3

	Signature	Print Name	Company	Date	Time
Relinquished By:		Chris Conlon	SGS Rocklin	9/21/23	1630
Received By:		FIE	FIE	9/21/23	
Relinquished By:		FIE	FIE	9/22/23	1000
Received By:		E Breaux	SGS	9/22/23	1000
Relinquished By:					
Received By:					
Authorized By:					

Authorization is required to process samples. This obligates your organization for service fees. SGS Standard T & C's or other written agreement applies. If collections or legal services are required to recover said fees, your organization will be responsible for all fees and costs in addition to service fees.

Samples are discarded 30 days after results are reported unless other arrangements are made and storage fees may apply.
The analytical results associated with this COC apply only to these samples as they are received by the laboratory.
The liability of the laboratory is limited to the amount paid for the report.

Matrix* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-Surface Water, SS-Soil, S-Solid, OT-Other
Preservative** 1=H_2SO_4, 2=HNO_3, 3=HCl, 4=NaOH, 5=$Na_2S_2O_3$, 6=None, 7=Other
Container*** P-Plastic, G-Glass, V-Voa Vial, OT-Other

LA94036: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: la94036 **Client:** SGS EXCELCHEM **Project:** 2309124

Date / Time Received: 9/22/2023 10:00:00 AM **Delivery Method:** FEDEX **Airbill #'s:** 7734 9810 2206

Cooler Temps (Raw Measured) °C: Cooler 1: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (2.0);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR002		
3. Cooler media:	Ice (direct contact)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: _____ pH 12+: _____ Other: (Specify) _____ _____

Comments SB-2 (2-2.5) & SB-2 (4-4.5) have expired hold times for BTEX 8260.

SM089-03
Rev. Date 12/7/17

5

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: LA94036
Account: SGSCAR SGS Excelchem Laboratories
Project: Soil Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1I3958-MB1	1I107707.D	1	09/23/23	JY	n/a	n/a	V1I3958

The QC reported here applies to the following samples: **Method:** SW846 8260D

LA94036-1, LA94036-2, LA94036-3, LA94036-4, LA94036-7, LA94036-8

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	115%	59-143%
2037-26-5	Toluene-D8	100%	52-159%
460-00-4	4-Bromofluorobenzene	99%	38-183%

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA94036
Account: SGSCAR SGS Excelchem Laboratories
Project: Soil Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1I3958-BS1	1I107704.D	1	09/23/23	JY	n/a	n/a	V1I3958
V1I3958-BSD1	1I107705.D	1	09/23/23	JY	n/a	n/a	V1I3958

The QC reported here applies to the following samples: **Method:** SW846 8260D

LA94036-1, LA94036-2, LA94036-3, LA94036-4, LA94036-7, LA94036-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	19.9	100	19.5	98	2	67-135/30
100-41-4	Ethylbenzene	20	19.8	99	19.1	96	4	69-136/30
108-88-3	Toluene	20	18.3	92	18.3	92	0	71-135/30
1330-20-7	Xylene (total)	60	59.0	98	57.5	96	3	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	115%	115%	59-143%
2037-26-5	Toluene-D8	99%	99%	52-159%
460-00-4	4-Bromofluorobenzene	102%	104%	38-183%

* = Outside of Control Limits.

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: LA94036
Account: SGSCAR SGS Excelchem Laboratories
Project: Soil Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLC3625-MB1	LC087102.D	1	09/27/23	JB	n/a	n/a	GLC3625

The QC reported here applies to the following samples: **Method:** SW846 8015C

LA94036-1, LA94036-2, LA94036-3, LA94036-4, LA94036-7, LA94036-8

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	85%	64-128%
540-36-3	1,4-Difluorobenzene	89%	80-122%

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA94036
Account: SGSCAR SGS Excelchem Laboratories
Project: Soil Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLC3625-BS1	LC087100.D	1	09/27/23	JB	n/a	n/a	GLC3625
GLC3625-BSD1	LC087101.D	1	09/27/23	JB	n/a	n/a	GLC3625

The QC reported here applies to the following samples: **Method:** SW846 8015C

LA94036-1, LA94036-2, LA94036-3, LA94036-4, LA94036-7, LA94036-8

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	50	54.8	110	49.0	98	11	79-112/15

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	100%	96%	64-128%
540-36-3	1,4-Difluorobenzene	115%	111%	80-122%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: LA94036
Account: SGSCAR SGS Excelchem Laboratories
Project: Soil Samples

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
LA94047-1AMS	LC087121.D	1	09/27/23	JB	n/a	n/a	GLC3625
LA94047-1AMSD	LC087122.D	1	09/28/23	JB	n/a	n/a	GLC3625
LA94047-1A	LC087117.D	1	09/27/23	JB	n/a	n/a	GLC3625

The QC reported here applies to the following samples: **Method:** SW846 8015C

LA94036-1, LA94036-2, LA94036-3, LA94036-4, LA94036-7, LA94036-8

CAS No.	Compound	LA94047-1A mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	12.3		96.2	106	97	96.2	108	100	2	60-118/16

CAS No.	Surrogate Recoveries	MS	MSD	LA94047-1A	Limits
460-00-4	4-Bromofluorobenzene	97%	96%	88%	64-128%
540-36-3	1,4-Difluorobenzene	104%	104%	86%	80-122%

* = Outside of Control Limits.

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1/23/2024
Mr. Kurt Soenen
Cornerstone Earth Group
1259 Oakmead Parkway

Sunnyvale CA 94085

Project Name: San Jose Buddhist Church
Project #: 1353-1-4
Workorder #: 2401281A

Dear Mr. Kurt Soenen

The following report includes the data for the above referenced project for sample(s) received on 1/17/2024 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Nazanin Khorrami at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Nazanin Khorrami

Nazanin Khorrami

Project Manager

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WORK ORDER #: 2401281A

Work Order Summary

CLIENT:	Mr. Kurt Soenen Cornerstone Earth Group 1259 Oakmead Parkway Sunnyvale, CA 94085	**BILL TO:**	Accounts Payable Cornerstone Earth Group 1259 Oakmead Parkway Sunnyvale, CA 94085
PHONE:	408-245-4600 x110	**P.O. #**	
FAX:	408-245-4620	**PROJECT #**	1353-1-4 San Jose Buddhist Church
DATE RECEIVED:	01/17/2024	**CONTACT:**	Nazanin Khorrami
DATE COMPLETED:	01/23/2024		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	SV-2-5	TO-15	3.5 "Hg	10.1 psi
02A	SV-2-9	TO-15	3.1 "Hg	10 psi
03A	SV-3-5	TO-15	5.9 "Hg	10 psi
04A	SV-3-9	TO-15	5.7 "Hg	10.1 psi
05A	SV-1-5	TO-15	3.5 "Hg	9.9 psi
07A	SV-1-9	TO-15	5.5 "Hg	9.9 psi
08A	Lab Blank	TO-15	NA	NA
09A	CCV	TO-15	NA	NA
10A	LCS	TO-15	NA	NA
10AA	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 01/23/24

Technical Director

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

LABORATORY NARRATIVE
EPA Method TO-15
Cornerstone Earth Group
Workorder# 2401281A

Six 1 Liter Summa Canister samples were received on January 17, 2024. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

M - Reported value may be biased due to apparent matrix interferences.

CN - See Case Narrative.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-2-5

Lab ID#: 2401281A-01A

No Detections Were Found.

Client Sample ID: SV-2-9

Lab ID#: 2401281A-02A

No Detections Were Found.

Client Sample ID: SV-3-5

Lab ID#: 2401281A-03A

No Detections Were Found.

Client Sample ID: SV-3-9

Lab ID#: 2401281A-04A

No Detections Were Found.

Client Sample ID: SV-1-5

Lab ID#: 2401281A-05A

No Detections Were Found.

Client Sample ID: SV-1-9

Lab ID#: 2401281A-07A

No Detections Were Found.

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Client Sample ID: SV-2-5

Lab ID#: 2401281A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p012210**	**Date of Collection: 1/16/24 9:41:00 AM**	
Dil. Factor:	**1.91**	**Date of Analysis: 1/22/24 04:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	3.8	Not Detected	9.4	Not Detected
Benzene	0.96	Not Detected	3.0	Not Detected
Toluene	1.9	Not Detected	7.2	Not Detected
Ethyl Benzene	0.96	Not Detected	4.1	Not Detected
m,p-Xylene	1.9	Not Detected	8.3	Not Detected
o-Xylene	0.96	Not Detected	4.1	Not Detected
Naphthalene	1.9	Not Detected	10	Not Detected
TPH ref. to Gasoline (MW=100)	96	Not Detected	390	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: SV-2-9

Lab ID#: 2401281A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p012211**	**Date of Collection: 1/16/24 10:08:00 AM**	
Dil. Factor:	**1.87**	**Date of Analysis: 1/22/24 04:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	3.7	Not Detected	9.2	Not Detected
Benzene	0.94	Not Detected	3.0	Not Detected
Toluene	1.9	Not Detected	7.0	Not Detected
Ethyl Benzene	0.94	Not Detected	4.0	Not Detected
m,p-Xylene	1.9	Not Detected	8.1	Not Detected
o-Xylene	0.94	Not Detected	4.1	Not Detected
Naphthalene	1.9	Not Detected	9.8	Not Detected
TPH ref. to Gasoline (MW=100)	94	Not Detected	380	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: SV-3-5

Lab ID#: 2401281A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p012212**	**Date of Collection: 1/16/24 10:49:00 AM**	
Dil. Factor:	**2.09**	**Date of Analysis: 1/22/24 05:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	4.2	Not Detected	10	Not Detected
Benzene	1.0	Not Detected	3.3	Not Detected
Toluene	2.1	Not Detected	7.9	Not Detected
Ethyl Benzene	1.0	Not Detected	4.5	Not Detected
m,p-Xylene	2.1	Not Detected	9.1	Not Detected
o-Xylene	1.0	Not Detected	4.5	Not Detected
Naphthalene	2.1	Not Detected	11	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	430	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: SV-3-9

Lab ID#: 2401281A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p012213**	**Date of Collection: 1/16/24 11:22:00 AM**	
Dil. Factor:	**2.08**	**Date of Analysis: 1/22/24 05:56 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	4.2	Not Detected	10	Not Detected
Benzene	1.0	Not Detected	3.3	Not Detected
Toluene	2.1	Not Detected	7.8	Not Detected
Ethyl Benzene	1.0	Not Detected	4.5	Not Detected
m,p-Xylene	2.1	Not Detected	9.0	Not Detected
o-Xylene	1.0	Not Detected	4.5	Not Detected
Naphthalene	2.1	Not Detected	11	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: SV-1-5

Lab ID#: 2401281A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p012214**	**Date of Collection: 1/16/24 12:45:00 PM**	
Dil. Factor:	**1.89**	**Date of Analysis: 1/22/24 06:28 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	3.8	Not Detected	9.3	Not Detected
Benzene	0.94	Not Detected	3.0	Not Detected
Toluene	1.9	Not Detected	7.1	Not Detected
Ethyl Benzene	0.94	Not Detected	4.1	Not Detected
m,p-Xylene	1.9	Not Detected	8.2	Not Detected
o-Xylene	0.94	Not Detected	4.1	Not Detected
Naphthalene	1.9	Not Detected	9.9	Not Detected
TPH ref. to Gasoline (MW=100)	94	Not Detected	390	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: SV-1-9

Lab ID#: 2401281A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p012215**	**Date of Collection: 1/16/24 1:37:00 PM**	
Dil. Factor:	**2.05**	**Date of Analysis: 1/22/24 07:00 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	4.1	Not Detected	10	Not Detected
Benzene	1.0	Not Detected	3.3	Not Detected
Toluene	2.0	Not Detected	7.7	Not Detected
Ethyl Benzene	1.0	Not Detected	4.4	Not Detected
m,p-Xylene	2.0	Not Detected	8.9	Not Detected
o-Xylene	1.0	Not Detected	4.4	Not Detected
Naphthalene	2.0	Not Detected	11	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: Lab Blank

Lab ID#: 2401281A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p012207d**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/22/24 01:26 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	2.0	Not Detected	4.9	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	1.0	Not Detected	3.8	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	1.0	Not Detected	4.3	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Naphthalene	1.0	Not Detected	5.2	Not Detected
TPH ref. to Gasoline (MW=100)	50	Not Detected	200	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	102	70-130

eurofins | Air Toxics

Client Sample ID: CCV

Lab ID#: 2401281A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p012203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/22/24 10:30 AM**	

Compound	%Recovery
2-Propanol	84
Benzene	105
Toluene	103
Ethyl Benzene	95
m,p-Xylene	97
o-Xylene	92
Naphthalene	80
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	118	70-130

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 2401281A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p012204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/22/24 10:59 AM**	

Compound	%Recovery	Method Limits
2-Propanol	96	70-130
Benzene	107	70-130
Toluene	101	70-130
Ethyl Benzene	97	70-130
m,p-Xylene	97	70-130
o-Xylene	93	70-130
Naphthalene	93	60-140
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	112	70-130

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Client Sample ID: LCSD

Lab ID#: 2401281A-10AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p012205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/22/24 11:28 AM**	

Compound	%Recovery	Method Limits
2-Propanol	98	70-130
Benzene	105	70-130
Toluene	99	70-130
Ethyl Benzene	95	70-130
m,p-Xylene	96	70-130
o-Xylene	93	70-130
Naphthalene	97	60-140
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	112	70-130

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1/24/2024
Mr. Kurt Soenen
Cornerstone Earth Group
1259 Oakmead Parkway

Sunnyvale CA 94085

Project Name: San Jose Buddhist Church
Project #: 1353-1-4
Workorder #: 2401281C

Dear Mr. Kurt Soenen

The following report includes the data for the above referenced project for sample(s) received on 1/17/2024 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified TO-15 (5&20 ppbv) are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Nazanin Khorrami at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Nazanin Khorrami

Nazanin Khorrami
Project Manager

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WORK ORDER #: 2401281C

Work Order Summary

CLIENT:	Mr. Kurt Soenen Cornerstone Earth Group 1259 Oakmead Parkway Sunnyvale, CA 94085	**BILL TO:**	Accounts Payable Cornerstone Earth Group 1259 Oakmead Parkway Sunnyvale, CA 94085
PHONE:	408-245-4600 x110	**P.O. #**	
FAX:	408-245-4620	**PROJECT #**	1353-1-4 San Jose Buddhist Church
DATE RECEIVED:	01/17/2024	**CONTACT:**	Nazanin Khorrami
DATE COMPLETED:	01/24/2024		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
06A	SV-1-5(IPA)	Modified TO-15 (5&20 ppbv	6.3 "Hg	10.1 psi
07A	Lab Blank	Modified TO-15 (5&20 ppbv	NA	NA
08A	CCV	Modified TO-15 (5&20 ppbv	NA	NA
09A	LCS	Modified TO-15 (5&20 ppbv	NA	NA
09AA	LCSD	Modified TO-15 (5&20 ppbv	NA	NA

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 01/24/24

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

LABORATORY NARRATIVE
EPA Method TO-15 Soil Gas
Cornerstone Earth Group
Workorder# 2401281C

One 1 Liter Summa Canister sample was received on January 17, 2024. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 50 mLs of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: SV-1-5(IPA)

Lab ID#: 2401281C-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	54	13000	130	31000

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Client Sample ID: SV-1-5(IPA)

Lab ID#: 2401281C-06A

EPA METHOD TO-15 GC/MS

File Name:	**2011909**	**Date of Collection: 1/16/24 12:45:00 PM**	
Dil. Factor:	**2.14**	**Date of Analysis: 1/19/24 03:39 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	54	13000	130	31000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: Lab Blank

Lab ID#: 2401281C-07A

EPA METHOD TO-15 GC/MS

File Name:	**2011908a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/19/24 01:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	25	Not Detected	61	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: CCV
Lab ID#: 2401281C-08A
EPA METHOD TO-15 GC/MS

File Name:	**2011805**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/19/24 11:37 AM**	

Compound	%Recovery
2-Propanol	115

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: LCS

Lab ID#: 2401281C-09A

EPA METHOD TO-15 GC/MS

File Name:	**2011906**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/19/24 12:10 PM**	

Compound	%Recovery	Method Limits
2-Propanol	112	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: LCSD

Lab ID#: 2401281C-09AA

EPA METHOD TO-15 GC/MS

File Name:	**2011907**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/19/24 12:44 PM**	

Compound	%Recovery	Method Limits
2-Propanol	113	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	107	70-130

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1/24/2024
Mr. Kurt Soenen
Cornerstone Earth Group
1259 Oakmead Parkway

Sunnyvale CA 94085

Project Name: San Jose Buddhist Church
Project #: 1353-1-4
Workorder #: 2401281B

Dear Mr. Kurt Soenen

The following report includes the data for the above referenced project for sample(s) received on 1/17/2024 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Nazanin Khorrami at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Nazanin Khorrami

Nazanin Khorrami

Project Manager

eurofins | Air Toxics

WORK ORDER #: 2401281B

Work Order Summary

CLIENT:	Mr. Kurt Soenen Cornerstone Earth Group 1259 Oakmead Parkway Sunnyvale, CA 94085	**BILL TO:**	Accounts Payable Cornerstone Earth Group 1259 Oakmead Parkway Sunnyvale, CA 94085
PHONE:	408-245-4600 x110	**P.O. #**	
FAX:	408-245-4620	**PROJECT #**	1353-1-4 San Jose Buddhist Church
DATE RECEIVED:	01/17/2024	**CONTACT:**	Nazanin Khorrami
DATE COMPLETED:	01/24/2024		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	SV-2-5	Modified ASTM D-1946	3.5 "Hg	10.1 psi
02A	SV-2-9	Modified ASTM D-1946	3.1 "Hg	10 psi
03A	SV-3-5	Modified ASTM D-1946	5.9 "Hg	10 psi
04A	SV-3-9	Modified ASTM D-1946	5.7 "Hg	10.1 psi
05A	SV-1-5	Modified ASTM D-1946	3.5 "Hg	9.9 psi
07A	SV-1-9	Modified ASTM D-1946	5.5 "Hg	9.9 psi
08A	Lab Blank	Modified ASTM D-1946	NA	NA
09A	CCV	Modified ASTM D-1946	NA	NA
10A	LCS	Modified ASTM D-1946	NA	NA
10AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 01/24/24

Technical Director

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
Modified ASTM D-1946
Cornerstone Earth Group
Workorder# 2401281B

Six 1 Liter Summa Canister samples were received on January 17, 2024. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the EATL modifications.

Requirement	***ASTM D-1946***	***ATL Modifications***
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A minimum of 5-point calibration curve is performed. Quantitation is based on average Response Factor.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

Client Sample ID: SV-2-5

Lab ID#: 2401281B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.19	19
Carbon Dioxide	0.019	1.8

Client Sample ID: SV-2-9

Lab ID#: 2401281B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.19	19
Carbon Dioxide	0.019	3.1

Client Sample ID: SV-3-5

Lab ID#: 2401281B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.21	21
Carbon Dioxide	0.021	0.96

Client Sample ID: SV-3-9

Lab ID#: 2401281B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.21	20
Carbon Dioxide	0.021	2.2

Client Sample ID: SV-1-5

Lab ID#: 2401281B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.19	18
Carbon Dioxide	0.019	1.9

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Summary of Detected Compounds
MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

Client Sample ID: SV-1-9

Lab ID#: 2401281B-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.20	18
Carbon Dioxide	0.020	2.8

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Client Sample ID: SV-2-5

Lab ID#: 2401281B-01A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**11012005**	**Date of Collection: 1/16/24 9:41:00 AM**	
Dil. Factor:	**1.91**	**Date of Analysis: 1/20/24 07:47 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.19	19
Methane	0.00019	Not Detected
Carbon Dioxide	0.019	1.8

Container Type: 1 Liter Summa Canister

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Client Sample ID: SV-2-9

Lab ID#: 2401281B-02A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**11012006**	**Date of Collection: 1/16/24 10:08:00 AM**	
Dil. Factor:	**1.87**	**Date of Analysis: 1/20/24 08:28 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.19	19
Methane	0.00019	Not Detected
Carbon Dioxide	0.019	3.1

Container Type: 1 Liter Summa Canister

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Client Sample ID: SV-3-5

Lab ID#: 2401281B-03A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**11012007**	**Date of Collection: 1/16/24 10:49:00 AM**	
Dil. Factor:	**2.09**	**Date of Analysis: 1/20/24 08:58 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.21	21
Methane	0.00021	Not Detected
Carbon Dioxide	0.021	0.96

Container Type: 1 Liter Summa Canister

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Client Sample ID: SV-3-9

Lab ID#: 2401281B-04A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**11012008**	**Date of Collection: 1/16/24 11:22:00 AM**	
Dil. Factor:	**2.08**	**Date of Analysis: 1/20/24 09:22 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.21	20
Methane	0.00021	Not Detected
Carbon Dioxide	0.021	2.2

Container Type: 1 Liter Summa Canister

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Client Sample ID: SV-1-5

Lab ID#: 2401281B-05A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**11012009**	**Date of Collection: 1/16/24 12:45:00 PM**	
Dil. Factor:	**1.89**	**Date of Analysis: 1/20/24 09:46 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.19	18
Methane	0.00019	Not Detected
Carbon Dioxide	0.019	1.9

Container Type: 1 Liter Summa Canister

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Client Sample ID: SV-1-9

Lab ID#: 2401281B-07A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**11012010**	**Date of Collection: 1/16/24 1:37:00 PM**	
Dil. Factor:	**2.05**	**Date of Analysis: 1/20/24 10:16 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.20	18
Methane	0.00020	Not Detected
Carbon Dioxide	0.020	2.8

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2401281B-08A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**11012004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/19/24 10:07 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: CCV

Lab ID#: 2401281B-09A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**11012001**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 1/19/24 08:48 PM**

Compound	%Recovery
Oxygen	99
Methane	97
Carbon Dioxide	103

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 2401281B-10A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**11012002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/19/24 09:14 PM**	

Compound	%Recovery	Method Limits
Oxygen	100	85-115
Methane	97	85-115
Carbon Dioxide	103	85-115

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 2401281B-10AA

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**11012016**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/20/24 01:39 PM**	

Compound	%Recovery	Method Limits
Oxygen	100	85-115
Methane	97	85-115
Carbon Dioxide	103	85-115

Container Type: NA - Not Applicable