CORNERSTONE EARTH GROUP

TYPE OF SERVICES	Phase II Soil, Soil Vapor and Groundwater Quality Evaluation
LOCATION	451, 467, 469, 471, 475 and 479 El Camino Real Santa Clara, California
CLIENT	Bixby SPE Finance II, LLC
PROJECT NUMBER	285-2-1
DATE	September 11, 2024



ENVIRONMENTAL

CORNERSTONE EARTH GROUP

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Location	**451, 467, 469, 471, 475 and 479 El Camino Real Santa Clara, California**
Client	**Bixby SPE Finance II, LLC**
Client Address	**1501 Quail Street, Suite 230 Newport Beach, California 92660**
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Type of Services	**Phase II Soil, Soil Vapor and Groundwater Quality Evaluation**
Location	**451, 467, 469, 471, 475 and 479 El Camino Real Santa Clara, California**

SECTION 1: INTRODUCTION

This report presents the results of the Phase II Soil, Soil Vapor and Groundwater Quality Evaluation (Phase II) performed at 451, 467, 469, 471, 475 and 479 El Camino Real in Santa Clara, California (Site) as shown on Figures 1 and 2. This work was performed for Bixby SPE Finance II, LLC (Bixby).

1.1 SITE DESCRIPTION

The approximately 11-acre property is generally flat at an elevation of approximately 70 feet above sea level. The Site currently is occupied by four 2-story, multi-tenant office buildings and two associated parking garages, paved parking/drive areas and landscaping. The buildings are used by multiple tenants for general office purposes, although the building at 475 El Camino Real is currently vacant.

1.2 PROPOSED DEVELOPMENT

Based on our review of the conceptual development plan prepared by KTGY dated December 1, 2023, the planned development will likely include three-story townhome buildings and a higher density residential building that may include a concrete podium with four to five stories of wood-frame construction above the podium. Appurtenant parking, utilities, retaining walls, landscaping and other improvements necessary for site development are also likely planned. We assume future grading will include minor cuts and fills.

1.3 BACKGROUND

Cornerstone prepared a Phase I Environmental Site Assessment (ESA) (Cornerstone, 2024) to support Bixby in evaluation of Recognized Environmental Conditions. Our findings, opinions and conclusions are briefly summarized below. Please read the Phase I ESA report for additional information.

1.3.1 Site History

Based on the information obtained during the Phase I ESA, the California Cured Fruit Association built a large, dried fruit warehouse on-Site in 1901. The Cured Fruit Association disbanded in 1903. In 1916, Rosenberg Brothers took over the warehouse for its dried prune and apricot operation. By 1939, the Site was occupied by several fruit packing and cold storage

buildings. The facility was expanded during the 1940s and 1950s with the construction of additional associated buildings and building additions. Rosenberg Brothers remained an occupant until at least 1950. By 1961, the Mayfair Packing Company occupied the Site. Several other businesses were concurrent occupants, including Tri-Valley Meat Company (1950), Santa Clara Frosted Foods (1950), an ice factory and ice houses, Security Warehouse & Cold Storage (1950), David Meat Company (1961), and Merchants Refrigerating Company of California (1966), among others.

In addition to the fruit packing facility and warehouses, Site features included several boiler rooms, a black smith, sulfur kilns, a label printing area, a cooling tower, a pump house, a lime house, a fenced transformer area, an auto garage, and a repair shop.

Between 1974 and 1982, the cold storage and former fruit packing buildings on the central and southeast portions of the Site were demolished. Between 1982 and 1993, a rectangular building was constructed on the north portion of the Site. Between 1993 and 1998, the former structures on-Site were demolished to facilitate construction of the existing improvements, including four multi-tenant office buildings and two associated parking garages that were completed by 1999.

1.3.2 Former USTs

Two closed leaking underground storage tank (UST) cases are associated with the Site. The first case resulted from the removal of a 550-gallon gasoline UST in 1987 and two 12,000-gallon bunker oil USTs that were removed in 1998. The former USTs are discussed further in the Phase I ESA (2024) and in Section 5.1.

In addition to the USTs noted above, figures from 1988 associated with the adjoining Santa Clara University property at 455 El Camino Real depict the locations of two additional USTs shown to be located on the southern and southeastern portions of the Site (see Figure 2).

1.3.3 Recognized Environmental Conditions

The Phase I ESA (Cornerstone 2024) identified the following Recognized Environmental Conditions[1]:

Several railroad track spurs historically traversed the Site. Assorted chemicals historically were commonly used for dust suppression and weed control along rail lines. Residual contaminants may remain in Site soil.

Evaluation of soil quality in the former railroad spur areas is discussed in Section 3.2.

Figures from 1988 associated with the adjoining Santa Clara University property at 455 El Camino Real depict the locations of two USTs shown to be located on the southern and southeastern portions of the Site (see Figure 2 and Appendix E).

[1] Recognized Environmental Condition means 1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; 2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or 3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

Evaluation of these two locations using geophysical methods for the presence of potential USTs is discussed in Section 2.

There is an increased potential for residual contaminants to be present in soil, soil vapor and groundwater on properties that have a long-developed history. Reported prior Site uses have the potential to have impacted the Site.

Evaluation of Site-wide soil, soil vapor and groundwater quality is discussed in Section 3.

The Phase I ESA identified the following Controlled Recognized Environmental Condition[2]:

A 550-gallon gasoline UST was removed from the Site in 1987 and two 12,000-gallon bunker oil USTs were removed in 1998. Following the implementation of remedial activities, a deed restriction was recorded for the Site in 2004; it was amended in 2005. Additional Site management requirements were stipulated in the Water Board's LUST case closure letter dated June 10, 2004.

Evaluation of current soil, soil vapor and groundwater quality adjacent to the deed restricted area is discussed in Section 3.

The Phase I ESA identified the following Historical Recognized Environmental Condition[3]:

A 1,000-gallon gasoline UST and a 10,000-gallon diesel UST were removed in 1991. The diesel UST was located on-Site and the gasoline UST was located off-Site on northwesterly adjoining property. Following the excavation of impacted soil, the Water Board issued a September 12, 1991 No Further Action letter.

Evaluation of soil and groundwater quality at the appropriate location of the former diesel UST is discussed in Section 3.

1.4 PURPOSE

The objective of the Phase II was to evaluate the RECs identified in Phase I ESA (2024) to help establish soil/groundwater management and vapor intrusion considerations for the planned redevelopment.

1.5 SCOPE OF WORK

The scope of work performed for this investigation included the following:

- Performance of a geophysical survey at two areas where a 1988 map showed possible USTs;

[2] A Recognized Environmental Condition that has been addressed to the satisfaction of the applicable regulatory agency with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

[3] A previous release of hazardous substances or petroleum products affecting the Site that has been addressed to the satisfaction of the applicable regulatory agency and meeting unrestricted use criteria established by the applicable regulatory agency without subjecting the Site to any controls.

- Drilling and logging of 44 exploratory borings to depths of up to 15 feet;
- Collection of 44 soil samples from selected exploratory borings for laboratory analyses;
- Collection of ten soil vapor samples from selected exploratory borings for laboratory analyses;
- Collection of nine ground water samples from selected exploratory borings for laboratory analyses; and
- Preparation of the report, figures and data tables.

The limitations for this investigation are presented in Section 6.

SECTION 2: GEOPHYSICAL SURVEY

On May 9, 2024, Cornerstone's licensed geophysicist (Terracon) performed a geophysical survey in two areas to help evaluate the possible presence of USTs that were shown on a 1988 site map (Figure 2). The geophysical survey was comprised of three methods: a vertical magnetic gradient (VMG), metal detector (MD) and ground penetrating radar (GPR) surveys.

Terracon performed the VMG survey by collecting magnetic data at 5-foot intervals along traverse lines spaced approximately 5 feet apart. This method identifies magnetic anomalies in the subsurface; USTs have a unique magnetic anomaly signature, if present. No anomalies were reported that were interpreted to be representative of a former UST. The geophysical survey report is included in Appendix A.

SECTION 3: SUBSURFACE INVESTIGATION

3.1 PRE-FIELD ACTIVITIES

Cornerstone notified the regional utility notification center (Underground Service Alert [USA]) so that public and private utilities could be identified and marked at the ground surface. Where practical, we marked borings in white paint or with wooden stakes to designate our exploration locations, as requested by USA. Additionally, to reduce the risk of damaging unidentified underground utilities during drilling, we also contracted with a private utility locator.

3.2 SUBSURFACE INVESTIGATION

Cornerstone performed subsurface investigation activities in two phases. The first phase was performed in March, 2024 and consisted of 14 exploratory borings (SS-1 to SS-14) advanced to approximate depths ranging from 5 feet to 15 feet using a track-mounted drill rig equipped with Direct Push Technology. Within approximately 5 feet of eight of the borings (SS-5 to SS-10, and SS-13), a second boring (SV-1 to SV-8) was advanced to an approximate depth of 5 feet and was converted into a temporary soil vapor monitoring probe. Additional information for the paired boring/probe locations is provided below. Approximate boring/probe locations are shown on Figure 2. The first phase scope of work is summarized below:

- SS-1 though SS-4 were advanced in accessible exterior locations on the north side of 451 and 469 El Camino Real, to help evaluate residual soil impacts associated with the adjacent railroad tracks.

- SS-5 though SS-7 and SS-9 though SS-10 (and SV-1 though SV-3, and SV-5 through SV-6) were advanced at random locations across the Site to help evaluate potential impacts from unidentified sources.

- SS-8 (and SV-4) were advanced near the former 10,000-gal diesel UST north of 471 El Camino Real to help evaluate potential impacts from the removed UST.

- SS-11 (and SV-7) and SS-13 (and SV-18) were advanced near the former 10,000 square foot deed restricted area to help evaluate current soil and soil vapor quality in this area.

- SS-12, SS-13 and SS-14 were located south of 471 and 475 El Camino Real to help identify potential impacts from the former railroad tracks.

Based on the results of the first phase of investigation, an additional sampling event was performed in May 2024. The scope of work is summarized below:

- To evaluate if the USTs reported on the 1988 Site may be located on-Site, geophysical surveys and groundwater grab samples GW-4 and GW-5 were performed and collected in these areas.

- To evaluate the source and extent of PCE (SV-1) and benzene (SV-5) in soil vapor, groundwater and additional soil vapor sampling was performed.

- To further evaluate the extent of PCB detections in the near surface soils, twelve soil samples were collected from the upper approximately 5 feet.

- To provide additional data on the quality of fill and underlying native soil, soil samples from six selected borings (GW-1, GW-3, GW-4, GW-6, GW-8 and GW-9) were collected and analyzed by the laboratory for contaminants of concern.

The subsurface exploration program was performed using Direct Push technology equipped with the Dual Wall Sampling System. The Dual Wall Sampling System helps prevent cross contamination between sampling intervals. The Dual Wall Sampler 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 OD and a 1-inch ID. The Dual Wall sample barrel is loaded with a 5-foot acetate liner and installed inside the outer casing. The outer drive casing and inner sample barrel are then hydraulically pushed to a depth of approximately 5 feet. As these tools are advanced, the inner sampling barrel collects the soil core sample. This sampler is then retrieved while the outer casing remains in place, protecting the integrity of the hole. A new sampler is lowered into place and advanced another 5 feet to collect the next soil sample. This process continues until a desired depth has been reached. Our field engineer continuously logged the borings in general accordance with the Unified Soil Classification System (ASTM D-2487). The exploratory borings were grouted upon completion. As discussed in Section 3.5, the co-located borings advanced to 5 feet were converted to temporary soil vapor probes.

3.2.1 Subsurface Materials

Based on the exploratory borings advanced at the Site, the upper approximate ½ to 1 foot consisted of finished surface materials including landscape materials, Portland cement concrete, asphalt concrete or asphalt pavement over aggregate base. Beneath the surface materials, up to approximately 5 ½ feet of fill and/or reworked native soils consisting of gray to dark gray and brown to dark brown sandy clays with gravel, clayey gravel with sand and clayey sands with gravel were observed. Below the fill were native soils consisting of stiff lean clays, stiff lean sandy clays and clayey sand with varying amounts of sand and gravel. Borings logs are included in Appendix B.

Groundwater was observed at approximate depths ranging from 6 to 14 feet. After drilling, ground water was measured in the boreholes at approximate depths ranging from 4 to 8 feet, indicating possible semi-confined to confined groundwater conditions.

3.2.2 Organic Vapor Readings

Soil samples retrieved from the exploratory borings were monitored with a MiniRAE 3000 OVM to record VOC vapors. Organic vapor readings ranged from 0.1 to 70 parts per million by volume (ppm_v) in the screened soil samples with the greatest concentrations generally observed in the shallow fill. OVM readings are shown on the boring logs included in Appendix B. To evaluate potential impacts, OVM readings were used to help select soil samples for VOC analyses.

3.3 SOIL SAMPLE COLLECTION AND LABORATORY ANALYSES

Soil samples for laboratory analyses were collected in new (unused) acetate liners using the hydraulic powered direct push rig. 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 for VOC analysis were collected from the open acetate liners in 5-gram Core N' One™ (CNO) capsules in accordance with EPA method 5035. Soil samples were placed in an ice-chilled cooler and transported to a state-certified laboratory with chain of custody documentation.

To evaluate soil quality on site, 44 soil samples collected from selected exploratory borings were analyzed for California Assessment Manual (CAM) 17 metals (EPA Test Method 6010/7471), organochlorine pesticides (OCPs) (EPA Test Method 8081), polychlorinated biphenyls (PCBs) (EPA Test Method 8082), TPH as motor oil (TPHo) and diesel (TPHd) (EPA Test Method 8015B), polycyclic aromatic hydrocarbons (PAHs) (EPA Test Method 8270C) and volatile organic compounds (VOCs) plus total petroleum hydrocarbons as gasoline (TPHg) (EPA Test Method 8260B. Soil samples collected from borings SS-2-E, SS-2-N, SS-2-S and SS-2-W were analyzed for PCBs (EPA Test Method 8082). Soluble threshold limit concentration (STLC) extractions and analyses were performed on soil samples that had arsenic, chromium, lead or nickel detected exceeding ten times the respective STLC limits.

Laboratory analytical results are summarized in Tables 1, 2 and 3, and the laboratory analytical reports are presented in Appendix C.

3.4 GROUNDWATER GRAB SAMPLING AND LABORATORY ANALYSES

Exploratory borings GW-1 through GW-9 were advanced to a depth of approximately 15 feet for the collection of groundwater grab samples. At each location, a section of slotted PVC pipe was lowered into the exploratory boring to facilitate groundwater sample collection. Groundwater grab samples were collected using a peristaltic pump and clean tubing. The nine groundwater samples were collected in laboratory supplied bottles and containers, and labeled with a unique sample ID, project number, and date and time of collection. The grab groundwater samples were analyzed for TPHo and TPHd (EPA Test Method 8015B with a silica gel cleanup) and TPHg and VOCs (full scan, including benzene, toluene, ethylbenzene and xylene [BTEX]) (EPA Test Method 8260B). Laboratory analytical results are presented in Table 4, and the laboratory analytical reports are presented in Appendix C.

3.5 SOIL VAPOR PROBE SAMPLE COLLECTION AND LABORATORY ANALYSES

Cornerstone oversaw the installation of 5-foot-deep temporary soil vapor probes at 17 locations (SV-1 though SV-17). The temporary soil vapor probe locations are provided on Figure 4, and the construction details are included on the boring logs in Appendix B.

The temporary soil vapor probes were installed and sampled in general accordance with the July 2015 guidance document entitled, “Advisory - Active Soil Gas Investigations”, prepared by the Department of Toxic Substances Control (DTSC) and the California Regional Water Quality Control Board, Los Angeles and San Francisco Regions (Water Board).

3.5.1 Temporary Soil Vapor Probe Installation

Temporary soil vapor probes were installed at 17 boring locations to depths of approximately 5-feet using the direct push drilling rig. The soil vapor probes were installed and samples in general accordance with the July 2015 document entitled, “Advisory – Active Soil Gas Investigations”, prepared by the DTSC and the California Regional Water Quality Control Board, Los Angeles and San Francisco Regions. Each temporary probe consisted of a stainless-steel expendable vapor tip and screen affixed to stainless-steel tubing. The vapor sampling locations 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 was then lowered into the borehole via a tremie pipe. Additional sand was then placed in the borehole via tremie to create an approximate 1-foot sand pack interval around the vapor tip. Approximately 1-foot of granular bentonite (Benseal^{TM}) was placed on top of the sand pack via the tremie pipe. Hydrated bentonite was placed via tremie pipe on top of the dry granular bentonite to the surface. The stainless-steel tubing was labeled with depth of placement and capped utilizing a vapor-tight Swagelok valve set in the “off” position.

3.5.2 Soil Vapor Sample Collection and Laboratory Analyses

The soil vapor probes were allowed to equilibrate for a period of approximately 2-hours prior to sample collection per DTSC guidance for soil vapor probes installed using direct push methods. The tubing emanating from the vapor points was affixed to a sample shut-off valve in the “off” position during the time needed to reach equilibrium (at least 2-hours). A 167 milliliters-per-minute flow regulator inclusive of particulate filter was fitted to the shut-off 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 1-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 gauge vacuum was 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 purge volumes of vapor were removed using the 1-liter summa for purging. The volume of vapor removed was verified by the calculated pressure drop summa canister. 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 had been properly sealed, the borehole sand pack vapor space would have equilibrated with the surrounding vapors following the 2-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 5 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 5-inches of Hg remaining. A datalogging photoionization detector (PID) was utilized during sampling to monitor the atmosphere inside the shroud through a bulk-head fitting. The logged data (at minimum thirty [30] second 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 Tedar bag sample was collected from the shroud atmosphere through the sampling port of the PID and was analyzed for the leak detection compound (isopropyl alcohol [2-propanol]). All field data, including equilibrium time, purge volume calculations, and leak check measurements was recorded on the field logs presented in Appendix B.

Ten soil vapor samples[4] were analyzed for VOCs and TPHg (EPA Test Method TO-15). For field quality assurance / quality control (QA/QC), one replicate soil vapor sample was collected from a randomly selected soil vapor probe and analyzed for VOCs for each day of sampling. The replicate samples were collected immediately following the co-located soil vapor sample. The leak check samples were analyzed for isopropyl alcohol (2-propanol) (EPA Test Method TO-15 OD). Laboratory analytical results are summarized in Table 5 and the laboratory analytical reports are presented in Appendix C.

[4] Soil vapor samples were not able to be collected from probes SV-3, SV-4, SV-11, S-12, SV-13, SV-14 and SV-16 due to low-flow conditions.

SECTION 4: DISCUSSION OF RESULTS

4.1 ENVIRONMENTAL SCREENING LEVELS

The detected concentrations in soil and soil vapor were compared to their Residential Direct Exposure Environmental Screening Levels (ESLs[5]). The detected concentrations of arsenic were compared to their published regional background concentration established by Duverge[6] (2011). The detected concentrations of total metals and total DDT were compared to the respective total threshold limit concentration (TTLC[7]). Results of soluble threshold limit concentration (STLC[8]) and toxicity characteristic leaching procedure (TCLP[9]) extractions/analyses were compared to the respective STLC and TCLP limits.

Groundwater analytical results were compared to Maximum Contaminant Levels (MCLs[10]).

4.2 SUMMARY OF SOIL ANALYTICAL DATA

The soil analytical data from the sampling events are summarized in Tables 1, 2 and 3. Selected results are shown on Figures 2 and 2A. A summary of the results is presented below:

- Arsenic was detected at concentrations exceeding its published background concentration of 11 milligrams per kilogram (mg/kg) in six of 44 samples analyzed (GS-9 [3 ½ -4 feet]; SS-1 [2-3 feet]; SS-2 [0-1 foot]; SS-13 [3-4 feet]; SS-14 [0-1 foot]; SS-14 [3-4 feet]). The only sample that significantly exceeded the established background concentration was GW-9 [3 ½ to 4 feet], with 139 mg/kg detected. All other arsenic detections were below the established background concentration.

- The concentration of arsenic detected in GW-9 (3 ½ to 4 feet) exceeded ten times the STLC and TCLP limits. As such, STLC and TCLP extractions were conducted on this sample. Arsenic exceeded the STLC limit of 5 milligrams per liter (mg/L) (7.16 mg/L detected) and did not exceed the TCLP limit.

- Cobalt was detected at concentrations exceeding the residential ESL of 23 mg/kg in five of 44 samples analyzed (GW-4 [1- 1 ½ feet]; SS-1 [0-1 foot]; SS-3 [0-1 foot]; SS-5 [2-3 feet] and SS-14 [3-4 feet]), with a maximum of 31 mg/kg detected.

- No other metals, including lead, were detected exceeding residential ESLs.

- No OCPs, SVOCs, VOCs or petroleum hydrocarbons were detected at concentrations exceeding their respective residential ESLs.

- TPHo and TPHd were detected in 32 of 33 samples analyzed, but TPHd exceeded the residential ESL in only one sample.

[5] Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region – January 2019.
[6] Duverge, 2011. Establishing Background Arsenic in Soil of the urbanized San Francisco Bay Region.
[7] Total Threshold Limit Concentration – California Code of Regulations, Title 22.
[8] Soluble Threshold Limit Concentration - California Code of Regulations, Title 22.
[9] Toxicity Characteristic Leaching Procedure - USEPA
[10] RWQCB, San Francisco Bay Region, 2019

- TPHg was not detected in any of the samples analyzed.

- The PCB Arochlor 1260 was detected in 16 of 44 samples analyzed and exceeded the residential ESL of 0.23 mg/kg in eight samples, with a maximum of 1.93 mg/kg detected (sample GW-6 [1- 1 ½ feet]).

4.3 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

The groundwater analytical results are summarized in Table 4, and results for benzene and PCE are shown on Figure 3. A summary of the results is presented below:

- Laboratory analyses did not detect any VOCs, except for acetone detected in five of nine samples at a maximum of 23.2 micrograms per liter (µg/L). The MCL for acetone is 14,000 µg/L. Acetone may be a laboratory contaminant.

- No TPHg or TPHo concentrations were reported. TPHd was detected in four of nine samples analyzed at a maximum concentration of 165 µg/L. The MCL for TPHd is 200 µg/L.

4.4 SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS

The soil vapor analytical results are summarized in Table 5 and selected results are shown on Figure 4. A summary of the results is presented below:

- TPHg was detected at concentrations ranging from 328 micrograms per cubic (µg/m^3) to 10,900 µg/m^3 in the vapor samples analyzed; all TPHg detections were below the residential ESL of 20,000 µg/m^3.

- Benzene was detected at concentrations exceeding the residential ESL of 3.2 µg/m^3 in nine of twelve samples analyzed, including two replicate samples. A maximum of 68 µg/m^3 benzene was detected.

- Ethylbenzene was detected at concentrations exceeding the residential ESL of 37 µg/m^3 in two soil vapor samples analyzed (SV-1 and SV-1 replicate), with a maximum of 66 µg/m^3 detected.

- Chloroform was detected at concentrations exceeding the residential ESL of 4.1 µg/m^3 in seven of twelve samples analyzed, with a maximum of 64 µg/m^3 detected.

- PCE was detected at concentrationsexceeding the residential ESL of 15 µg/m^3 in three of twelve samples analyzed (SV-1 and SV-1 replicate, and SV-9), with a maximum of 36 µg/m^3 detected.

- No other VOCs were detected exceeding residential ESLs.

4.4.1 Soil Vapor Integrity

At soil vapor probes SV-1 and SV-15, immediately upon opening the valve to the one-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 four to six drops to a cotton gauze and placing the moistened gauze near the borehole beneath the shroud. 2-propanol (isopropanol) was detected in ten of twelve soil vapor samples collected at a maximum concentration of 550 µg/m^3 (detected in sample SV-8).

To help confirm the sampling trains were sufficiently tight and the soil vapor data is representative of subsurface conditions, confirmation samples (SV-7 [IPA] and SV-15R [IPA]) from the shroud atmosphere was collected during sampling at locations SV-1 and SV-15. The soil vapor samples were collected in separate one-liter Summa canisters for analysis of the leak detection compound 2-propanol. Laboratory analysis of sample SV-7 (IPA) and SV-15R (IPA) detected 2-propanol at concentrations of 180,000 µg/m^3 and 100,000 µg/m^3. During the same sampling time-period, 2-propanol concentrations within the shroud atmosphere of SV-7 was measured with a PID between 4,669 µg/m^3 and 28,508 µg/m^3 and in the SV-15R shroud atmosphere between 3,932 µg/m^3 and 19,619 µg/m^3. The PID appeared to underestimate 2-propanol concentrations in the shroud atmosphere.

Given that the maximum concentration of 2-propanol detected was 550 µg/m^3 in sample SV-8, and that the average concentration as measured by the PID was 17,326 µg/m^3, sample SV-8 would have a maximum leakage rate of 3.2 percent. This data indicates that the sample trains were sufficiently tight, and no significant leakage occurred.

SECTION 5: CONCLUSIONS AND RECOMMENDATIONS

5.1 USTS

As noted above, two closed LUST cases are associated with the Site. The first case was the removal of a 550-gallon gasoline UST in 1987 and two 12,000-gallon bunker oil USTs that were removed in 1998. The Water Board (the overseeing regulatory agency for the Site) issued a case closure letter dated June 10, 2004. The Water Board stated the following:

"*Residual contamination both in soil and groundwater remains at the site that could pose an unacceptable risk under certain site development activities such as site grading, excavation, or the installation of water wells. The District and the appropriate planning and building department shall be notified prior to any changes in land use, grading activities, excavation, and installation of water wells. This notification shall include a statement that residual contamination exists on the property and list all mitigation actions, if any, necessary to ensure compliance with this site management requirement.*"

A deed restriction was recorded in 2004 (for APN 230-09-020 and 021) to facilitate closure of the above LUST case. Per the deed restriction, the disturbance of the subsurface, any construction on the surface, or change in land use requires regulatory approval, among other provisions. The deed restriction was amended in 2005 and now applies only to an approximately 100 by 100 foot portion of the Site (Figure 2).

Because of the planned change in land use, we recommend contacting the Water Board regarding the regulatory requirements to remove this deed restriction. We recommend that compliance with the provisions of the deed restriction be maintained until otherwise permitted by the Water Board.

The second LUST case resulted from the removal of a 1,000-gallon gasoline UST and a 10,000-gallon diesel UST in 1991. The diesel UST was located on-Site and the gasoline UST was located off-Site on northwesterly adjoining property. Following the excavation of impacted soil, the Water Board issued a September 12, 1991 No Further Action letter pertaining to the two USTs removed in 1991. Note that groundwater sampling was not conducted.

During this investigation, TPHd and TPHo were detected in 32 of 33 soil samples analyzed. Only one sample (SS-4 at 0 to 1 foot, 303 mg/kg) exceeded the residential screening criteria (260 mg/kg). TPHo and TPHg were not detected in the nine groundwater samples analyzed. TPHd was detected in 3 of 9 groundwater samples but at concentrations less than the MCL (commonly termed drinking water standard). The source of TPH appears associated with the historic use of the Site as a dried fruit warehousing that operated from 1901 to early 1990s.

5.2 RAIL LINES

Several railroad tracks historically traversed the northeast, southeast and southwest portions of the Site. Assorted chemicals historically were commonly used for dust suppression and weed control along rail lines. Prior studies identified contaminants in soil on the northeasterly adjoining railroad property, predominantly TPHo, lead and arsenic, at concentrations that exceed residential screening levels. The greatest concentrations were generally reported within the upper 3 feet.

During this investigation, arsenic was detected in 33 of 33 samples analyzed. Only one significant detection was reported at boring GW-9 (1 to 1½ feet) at a concentration of 139 mg/kg. The typically accepted background concentration for arsenic in this area is 11 mg/kg (Duverge, 2011). The elevated concentration of arsenic was detected in a boring advanced near a former rail line. If the greatest concentration of arsenic was removed from the dataset, the UCL 95% for arsenic is calculated at 7.7 mg/kg (Appendix D). It's our opinion that the UCL 95% represents Sitewide arsenic concentrations excluding soils near the rail lines. As part of the soil management plan (SMP) implementation (discussed in Section 5.5), we recommend performing additional sampling along these lines to further evaluate soil quality and the requirement for soil remediation, as needed, under regulatory oversight.

5.3 VAPOR INTRUSION EVALUATION

Vapor intrusion occurs when there is a migration of vapor-forming chemicals from a subsurface source, typically shallow groundwater, into an overlying building. Nine of 12 soil vapor samples revealed benzene concentrations greater than the residential screening level, and 3 of 12 soil vapor samples revealed PCE concentrations above the residential screening criteria. VOCs were not detected in the nine groundwater samples analyzed, including the samples collected near the deed restricted area. The source of the vapor impact is unknown. Based on this evaluation, it is unclear if vapor mitigation measures will be required for the proposed residential development.

Prior to redevelopment of the Site, a report assessing the potential for vapor intrusion, which likely will consist of an additional round of soil vapor and groundwater sampling, is recommended to be submitted to an overseeing regulatory agency. If the vapor intrusion investigation report identifies the need for vapor intrusion mitigation measures, the following shall be prepared and implemented under regulatory oversight:

- A Vapor Intrusion Mitigation Plan describing the measures to be implemented to help prevent exposure of Site occupants to VOCs in indoor air as a result of vapor intrusion. The plan should present the appropriate structural and engineering design features for the proposed occupied spaces to reduce risk of vapor intrusion into buildings. The plan also should describe pre-occupancy indoor air monitoring procedures to evaluate the effectiveness of the installed vapor intrusion mitigation system. The indoor air monitoring should include preferential pathway sampling.

- A Completion Report documenting the installation of the vapor control measures identified in the Vapor Intrusion Mitigation Plan, including plans and specifications.

- A Long-Term Operations, Maintenance, and Monitoring Plan (OMMP) presenting the actions to be taken following construction to maintain and monitor the vapor intrusion mitigation system, and a contingency plan should the vapor mitigation system fail.

5.4 PCBS

PCBs were detected in 17 of 45 samples, mainly in the upper 3 feet of soil. The source of this sporadic impact is unclear. The UCL 95% for PCBs in the upper 3 feet soil was calculated at 0.4 mg/kg (Appendix D); its residential screening level is 0.23 mg/kg.

We recommend management of PCB impacted soil with an oversight regulatory agency.

5.5 SOIL MANAGEMENT PLAN (SMP) AND HEALTH AND SAFETY PLAN (HSP)

Although no specific on-Site hazardous substance releases, other than from the former USTs, were identified during this study, there is the potential for residual contaminants to be present. Prior Site features included several boiler rooms, a black smith, sulfur kilns, a label printing area, a cooling tower, a pump house, a lime house, a fenced transformer area, an auto garage, a repair shop, and oil storage adjacent to Santa Clara Frosted Foods. Many of these former features were at locations currently covered by the existing office buildings.

We recommend preparing a Site Management Plan (SMP) and Health and Safety Plan (HSP) for the proposed demolition and development activities. The purpose of these documents will be to establish appropriate management practices for handling impacted soil, soil vapor and groundwater that may be encountered during construction activities. The SMP should be reviewed and approved by the selected oversight agency.

5.6 IMPORT AND EXPORT FILL

If future potential development will require importing soil for Site grading, we recommend documenting the source and quality of imported soil. The DTSC's October 2001 Clean Fill Advisory provides useful guidance on evaluating imported fill.

If development will require exporting soil, consideration should be given to profiling the soil per the accepting facility's requirements prior to grading activities to help expedite off-Site transport and disposal during construction.

5.7 DEWATERING

If excavation dewatering will be required, additional groundwater sampling will be required prior to excavation activities to evaluate disposal and possibly treatment alternatives and to obtain required regulatory permits to release groundwater into the sanitary or storm sewer systems.

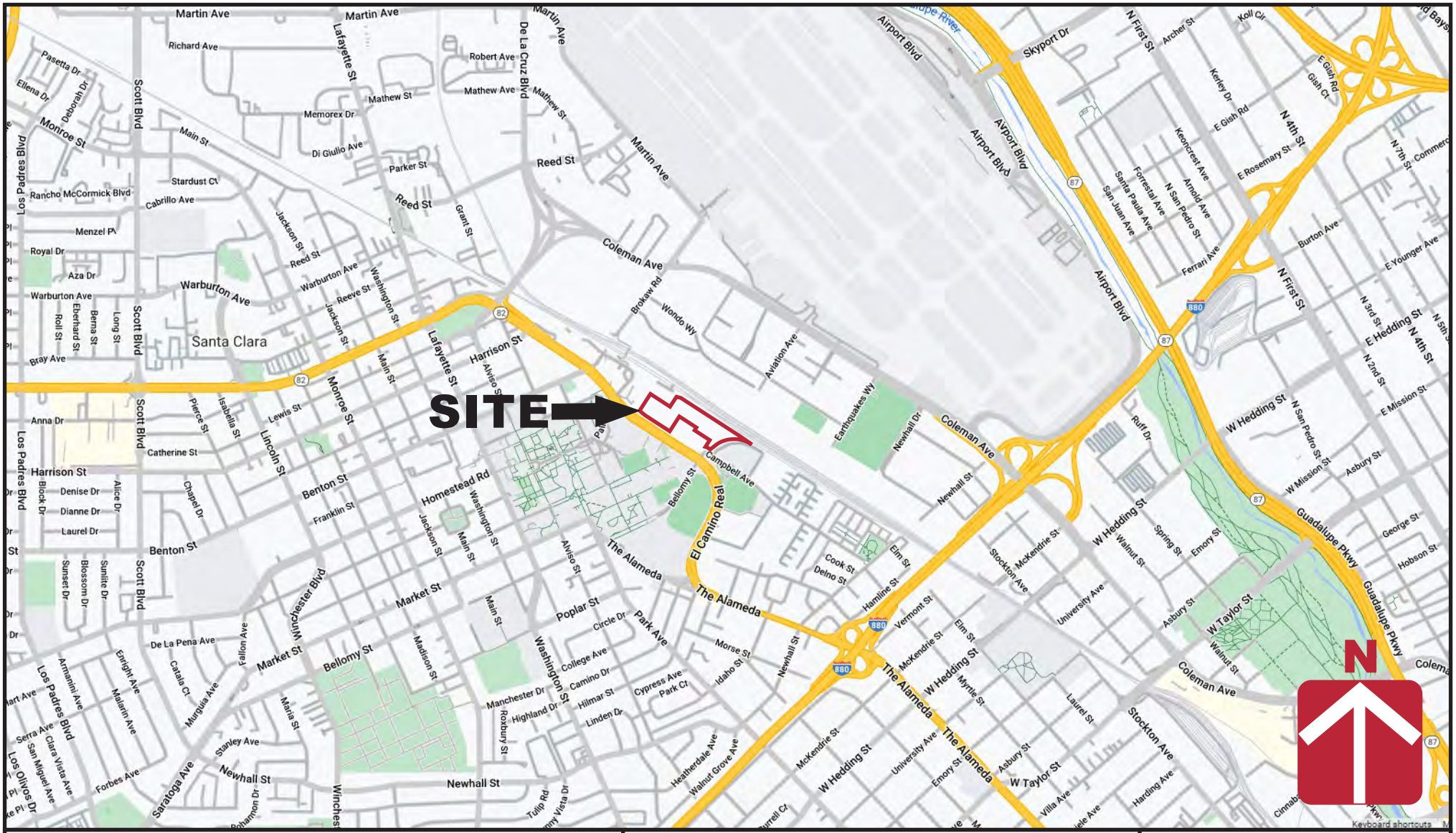
5.8 SELECTION OF OVERSIGHT AGENCY

Due to the Water Board's previous on-Site oversight, we recommend that the Water Board be selected as the oversight agency. Their Site Cleanup Program (SCP), formerly the Voluntary Cleanup Program (VCP), provides oversight of environmental investigation and cleanup of contaminated sites.

SECTION 6: LIMITATIONS

Cornerstone performed this investigation to support its client in evaluation of soil, soil vapor, and ground water quality beneath the Site. The extent of soil, soil vapor and ground water data obtained is based on the reasonable limits of time and budgetary constraints. In addition, the chemical information presented in this report can change over time and is only valid at the time of this investigation and for the locations sampled.

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.



Vicinity Map

451, 467, 469, 471 and 479 El Camino Real
Santa Clara, CA

CORNERSTONE EARTH GROUP

Project Number	285-2-3
Figure Number	Figure 1
Date	September 2024
Drawn By	RRN

GW-3	5/9/2024
Depth (ft)	Aroclor 1260
1½ to 2	0.224
5 to 5½	<0.0305

SS-3	3/19/2024
Depth (ft)	Aroclor 1260
0 to 1	<0.0271
2 to 3	<0.0269

SS-2	3/19/2024
Depth (ft)	Aroclor 1260
0 to 1	**1.21**
3 to 4	0.0949 J

SS-2-N	5/9/2024
Depth (ft)	Aroclor 1260
½ to 1	<0.0262
2½ to 3	**0.764**
4½ to 5	0.035 J

GW-1	5/9/2024
Depth (ft)	Aroclor 1260
1 to 1½	**0.428**
6 to 6½	<0.0293

SS-5	3/19/2024
Depth (ft)	Aroclor 1260
2 to 3	<0.0266

SS-4	3/19/2024
Depth (ft)	Aroclor 1260
0 to 1	<0.0264
4 to 5	<0.0281

SS-2-S	5/9/2024
Depth (ft)	Aroclor 1260
½ to 1	<0.0259
2½ to 3	**0.55**
4½ to 5	<0.0259

SS-2-W	5/9/2024
Depth (ft)	Aroclor 1260
½ to 1	<0.0254
2½ to 3	**0.356**
4½ to 5	<0.0269

SS-2-E	5/9/2024
Depth (ft)	Aroclor 1260
½ to 1	<0.0259
2½ to 3	**0.257**
4½ to 5	<0.0264

SS-1	3/19/2024
Depth (ft)	Aroclor 1260
0 to 1	0.152
2 to 3	0.23

SS-6	3/19/2024
Depth (ft)	Aroclor 1260
1 to 2	<0.0264

SS-7	3/19/2024
Depth (ft)	Aroclor 1260
1 to 2	<0.029

SS-8	3/19/2024
Depth (ft)	Aroclor 1260
3 to 4	<0.0271

SV-7 *	3/19/2024
Depth (ft)	Aroclor 1260
4 to 5	<0.0278

Railroad tracks

SS-4 SS-3 SS-2-N SS-2-W GW-1 SS-1 GW-2 SS-2 SS-2-S SS-2-E GW-3 SS-5 SS-6

1,000 gallon gasoline tank (Tank A) (removed 5/3/1991)

10,000 gallon diesel tank (Tank B) (removed 5/3/1991)

469 Parking garage 451

Geophysical survey areas

GW-4 GW-5 GW-7 GW-6 SS-7 SS-8 SS-9 SV-7 SS-10 GW-8 SS-11

Approximate Site Boundary

Franklin Street

Parking garage

GW-6	5/10/2024
Depth (ft)	Aroclor 1260
1 to 1½	**1.93**
5 to 5½	<0.0302

GW-4	5/13/2024
Depth (ft)	Aroclor 1260
1 to 1½	0.0588 J
5 to 5½	<0.0317

GW-8	5/10/2024
Depth (ft)	Aroclor 1260
1½ to 2	0.0802 J
5 to 5½	<0.0283

SS-9	3/19/2024
Depth (ft)	Aroclor 1260
2 to 3	0.0966 J

475 500/550 gallon UST (removed 3/27/1987) 471

GW-9	5/10/2024
Depth (ft)	Aroclor 1260
1 to 1½	0.199
3½ to 4	<0.0293

GW-9

Campbell Avenue

Former railroad tracks

SS-12 SS-13 SS-14

Two former 12,000 gallon USTs (removed 2/23/1998)

10,000 square foot Deed Restricted Area (amended in 2005)

El Camino Real (82)

Approximate locations of "known underground tank" shown on 1988 site map

Palm Drive

Bellomy Street

SS-11	3/19/2024
Depth (ft)	Aroclor 1260
1 to 2	<0.0278

SS-13	3/19/2024
Depth (ft)	Aroclor 1260
3 to 4	<0.0276

SS-10	3/19/2024
Depth (ft)	Aroclor 1260
3 to 4	<0.02.6

SS-14	3/19/2024
Depth (ft)	Aroclor 1260
0 to 1	0.073 J
3 to 4	<0.0322

SS-12	3/19/2024
Depth (ft)	Aroclor 1260
0 to 1	<0.0286
4 to 5	<0.0293

Screening Levels

Aroclor 1260 0.23 [1] mg/kg

1	Tier 1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019
<	Not detected at or above laboratory reporting limit
---	Not analyzed
BOLD	Concentration exceeds selected environmental screening criteria
J	Estimated concentration between Method Detection Limit (MDL) and Reporting Limit (RL)
*	SV-7 is paired with SS-11

Note: Deed Restricted Area shown is approximate and should be confirmed by a civil engineer.

Legend

- Approximate location of soil sample collection (SS), May 2024
- Approximate location of groundwater grab sample collection (GW), May 2024
- Approximate location of exploratory boring to depth of 5 feet, soil sample collection (SS), March 2024
- Approximate location of exploratory boring to depth of 15 feet, soil sample collection (SS), March 2024
- Approximate location of exploratory boring, soil and soil vapor sample collection (SV), April 2024

N

0 150 300

APPROXIMATE SCALE (FEET)

Base by Google Earth, dated 03/10/2022

Project Number 285-2-3

Figure Number Figure 2

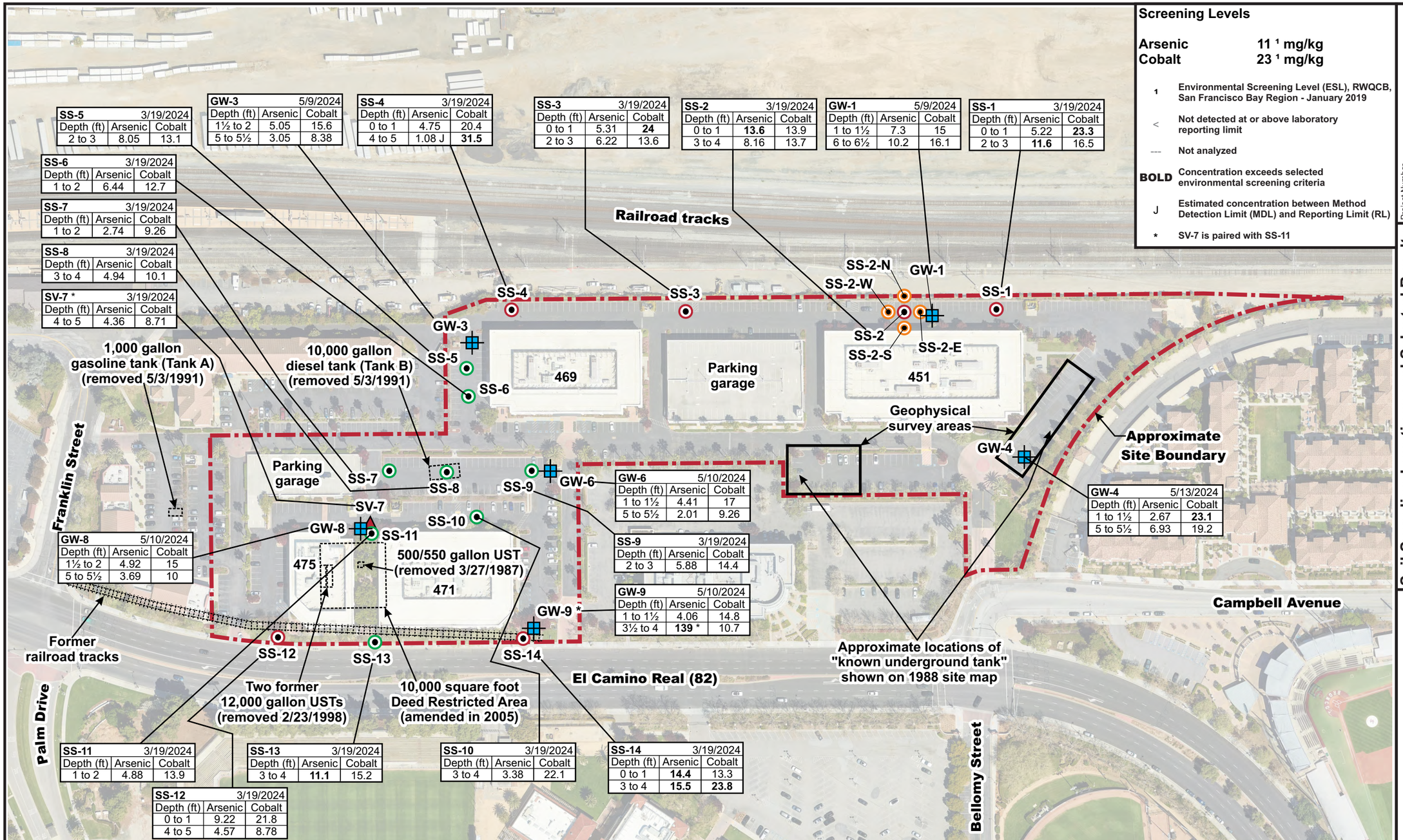
Drawn By RRN

Date September 2024

Soil Sampling Locations and Selected Results - PCBs

451, 467, 469, 471 and 479 El Camino Real
Santa Clara, CA

CORNERSTONE EARTH GROUP



Screening Levels

Arsenic	11 [1] mg/kg
Cobalt	23 [1] mg/kg

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

< Not detected at or above laboratory reporting limit

--- Not analyzed

BOLD Concentration exceeds selected environmental screening criteria

J Estimated concentration between Method Detection Limit (MDL) and Reporting Limit (RL)

* SV-7 is paired with SS-11

Project Number: 285-2-3

Figure Number: Figure 2A

Drawn By: RRN

Date: September 2024

Soil Sampling Locations and Selected Results - Arsenic and Cobalt

451, 467, 469, 471 and 479 El Camino Real Santa Clara, CA

CORNERSTONE EARTH GROUP

Notes:

1) * Failed STLC Arsenic.
2) Deed Restricted Area shown is approximate and should be confirmed by a civil engineer.

Legend

- Approximate location of soil sample collection (SS), May 2024
- Approximate location of groundwater grab sample collection (GW), May 2024
- Approximate location of exploratory boring to depth of 5 feet, soil sample collection (SS), March 2024
- Approximate location of exploratory boring to depth of 15 feet, soil sample collection (SS), March 2024
- Approximate location of exploratory boring, soil and soil vapor sample collection (SV), April 2024

N

0 150 300

APPROXIMATE SCALE (FEET)

Base by Google Earth, dated 03/10/2022

Screening Levels

Benzene	1.0 [1] µg/L
PCE	5.0 [1] µg/L

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

< Not detected at or above laboratory reporting limit

BOLD Concentration exceeds selected environmental screening criteria

GW-7	5/10/2024
Benzene	<0.065
PCE	<0.24

GW-3	5/9/2024
Benzene	<0.074
PCE	<0.27

GW-6	5/10/2024
Benzene	<0.27
PCE	<1.0

GW-2	5/9/2024
Benzene	<0.55
PCE	<2.0

GW-5	5/13/2024
Benzene	<0.27
PCE	<1.0

GW-1	5/9/2024
Benzene	<0.55
PCE	<2.0

GW-4	5/13/2024
Benzene	<0.27
PCE	<1.0

GW-8	5/10/2024
Benzene	<0.065
PCE	<0.24

GW-9	5/10/2024
Benzene	<0.27
PCE	<1.0

Railroad tracks

GW-1

GW-2

GW-3

GW-4

GW-5

GW-6

GW-7

GW-8

GW-9

469

451

475

471

Parking garage

Parking garage

1,000 gallon gasoline tank (Tank A) (removed 5/3/1991)

10,000 gallon diesel tank (Tank B) (removed 5/3/1991)

Geophysical survey areas

Approximate Site Boundary

500/550 gallon UST (removed 3/27/1987)

Former railroad tracks

Two former 12,000 gallon USTs (removed 2/23/1998)

10,000 square foot Deed Restricted Area (amended in 2005)

Approximate locations of "known underground tank" shown on 1988 site map

Franklin Street

Palm Drive

El Camino Real (82)

Campbell Avenue

Bellomy Street

Notes:
1) Sample results did not exceed Tier 1 ESLs.

2) Deed Restricted Area shown is approximate and should be confirmed by a civil engineer.

Legend

Approximate location of groundwater grab sample collection (GW), May 2024

N

0 150 300

APPROXIMATE SCALE (FEET)

Base by Google Earth, dated 03/10/2022

Project Number 285-2-3

Figure Number Figure 3

Drawn By RRN

Date September 2024

Groundwater Sampling Locations and Selected Results - Benzene and PCE

451, 467, 469, 471 and 479 El Camino Real
Santa Clara, CA

CORNERSTONE EARTH GROUP

SV-8		4/5/2024
Depth (ft)	PCE	Benzene
5	6.5	<0.46

SV-7		4/5/2024
Depth (ft)	PCE	Benzene
5	6.0	1.4 J

SV-2		4/5/2024
Depth (ft)	PCE	Benzene
5	11	3.2

SV-1		4/5/2024
Depth (ft)	PCE	Benzene
5	**24**	**9.7**

SV-10		5/14/2024
Depth (ft)	PCE	Benzene
5	13	**40**

SV-15		5/16/2024
Depth (ft)	PCE	Benzene
5	7.3 J	**10**

SV-16		5/16/2024
Depth (ft)	PCE	Benzene
5	6.6 J	**13**

SV-5		4/5/2024
Depth (ft)	PCE	Benzene
5	<4.4	**68**

SV-9		5/14/2024
Depth (ft)	PCE	Benzene
5	**19**	**19**

SV-6		4/5/2024
Depth (ft)	PCE	Benzene
5	8.2	**4.1**

Screening Levels

PCE	15 [1] µg/m³
Benzene	3.2 [1] µg/m³

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

< Not detected at or above laboratory reporting limit

--- Not analyzed

BOLD Concentration exceeds selected environmental screening criteria

J Estimated concentration between Method Detection Limit (MDL) and Reporting Limit (RL)

Project Number 285-2-3

Figure Number Figure 4

Drawn By RRN

Date September 2024

Railroad tracks

SV-14 SV-15 SV-16 SV-17

SV-1 SV-2 SV-10 SV-11

469

Parking garage

451

Geophysical survey areas

Approximate Site Boundary

1,000 gallon gasoline tank (Tank A) (removed 5/3/1991)

10,000 gallon diesel tank (Tank B) (removed 5/3/1991)

Franklin Street

SV-3 SV-4 SV-5 SV-12 SV-13

Parking garage

SV-7 SV-6 SV-9

500/550 gallon UST (removed 3/27/1987)

475

471

SV-8

Former railroad tracks

Two former 12,000 gallon USTs (removed 2/23/1998)

10,000 square foot Deed Restricted Area (amended in 2005)

Approximate locations of "known underground tank" shown on 1988 site map

Campbell Avenue

El Camino Real (82)

Palm Drive

Bellomy Street

Note: Deed Restricted Area shown is approximate and should be confirmed by a civil engineer.

Legend

- Approximate location of soil vapor sample collection (SV), May 2024
- Soil vapor sample not collected, April/May 2024
- Approximate location of exploratory boring, soil and soil vapor sample collection (SV), April 2024

N

0 150 300

APPROXIMATE SCALE (FEET)

Base by Google Earth, dated 03/10/2022

Soil Vapor Sampling Locations and Selected Results - Benzene and PCE

451, 467, 469, 471 and 479 El Camino Real
Santa Clara, CA

CORNERSTONE EARTH GROUP

SV-7			4/5/2024
Depth (ft)	Ethylbenzene	EDB	Chloroform
5	1.3 J	<0.74	**4.9**

SV-1			4/5/2024
Depth (ft)	Ethylbenzene	EDB	Chloroform
5	**66**	<0.81	<1.1

SV-15			5/16/2024
Depth (ft)	Ethylbenzene	EDB	Chloroform
5	<1.9	<2.2	**6.7** J

SV-8			4/5/2024
Depth (ft)	Ethylbenzene	EDB	Chloroform
5	<0.66	<0.77	1.4 J

SV-2			4/5/2024
Depth (ft)	Ethylbenzene	EDB	Chloroform
5	0.93 J	<0.74	**64**

SV-10			5/14/2024
Depth (ft)	Ethylbenzene	EDB	Chloroform
5	6.2 J	**2.7** J	**5.7** J

SV-16			5/16/2024
Depth (ft)	Ethylbenzene	EDB	Chloroform
5	2.2 J	<2.1	**5.8** J

SV-5			4/5/2024
Depth (ft)	Ethylbenzene	EDB	Chloroform
5	4.0 J	<2.2	<2.9

SV-9			5/14/2024
Depth (ft)	Ethylbenzene	EDB	Chloroform
5	6.0	<1.5	**5.8**

SV-6			4/5/2024
Depth (ft)	Ethylbenzene	EDB	Chloroform
5	15	<0.74	<0.97

Screening Levels

Ethylbenzene	37 [1] µg/m³
EDB	0.16 [1] µg/m³
Chloroform	4.1 [1] µg/m³

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

< Not detected at or above laboratory reporting limit

--- Not analyzed

BOLD Concentration exceeds selected environmental screening criteria

J Estimated concentration between Method Detection Limit (MDL) and Reporting Limit (RL)

Railroad tracks

SV-14 SV-15 SV-16 SV-17

SV-1 SV-2 SV-10 SV-11

469

Parking garage

451

Geophysical survey areas

Approximate Site Boundary

SV-12 SV-13

1,000 gallon gasoline tank (Tank A) (removed 5/3/1991)

10,000 gallon diesel tank (Tank B) (removed 5/3/1991)

Franklin Street

SV-3 SV-4 SV-5

Parking garage

SV-7 SV-6 SV-9

475

500/550 gallon UST (removed 3/27/1987)

471

SV-8

Former railroad tracks

Two former 12,000 gallon USTs (removed 2/23/1998)

10,000 square foot Deed Restricted Area (amended in 2005)

El Camino Real (82)

Approximate locations of "known underground tank" shown on 1988 site map

Campbell Avenue

Palm Drive

Bellomy Street

Note: Deed Restricted Area shown is approximate and should be confirmed by a civil engineer.

Legend

- Approximate location of soil vapor sample collection (SV), May 2024
- Soil vapor sample not collected, April/May 2024
- Approximate location of exploratory boring, soil and soil vapor sample collection (SV), April 2024

N

0 150 300

APPROXIMATE SCALE (FEET)

Base by Google Earth, dated 03/10/2022

Project Number 285-2-3

Figure Number Figure 4A

Drawn By RRN

Date September 2024

Soil Vapor Sampling Locations and Selected Results - Other VOCs

451, 467, 469, 471 and 479 El Camino Real
Santa Clara, CA

CORNERSTONE EARTH GROUP

CORNERSTONE EARTH GROUP

Table 1. Analytical Results of Soil Samples - Metals
(Concentrations in mg/kg, unless otherwise noted)

Boring ID	Sample ID	Date	Depth (feet)	Metals																					
				Antimony	Arsenic	STLC Arsenic (mg/L)	TCLP Arsenic (mg/L)	Barium	Beryllium	Cadmium	Chromium	STLC Chromium (mg/L)	TCLP Chromium (mg/L)	Cobalt	Copper	Lead	STLC Lead (mg/L)	Mercury	Molybdenum	Nickel	STLC Nickel (mg/L)	Selenium	Silver	Vanadium	Zinc
GW-1	GW-1(1-1.5)	5/9/2024	1-1½	1.31 J	7.3	---	---	217	0.512 J	0.575 J	67.3	---	---	15	45.8	38.6	---	0.21 J	0.725 J	96	---	<0.4	<0.17	56.7	102
	GW-1(6-6.5)	5/9/2024	6-6½	1.23 J	10.2	---	---	400	0.561 J	0.421 J	68.3	---	---	16.1	41.7	15.3	---	0.11 J	2.16 J	119	---	<0.43	0.281 J	53.5	87.8
GW-3	GW-3(1.5-2)	5/9/2024	1½-2	1.32 J	5.05	---	---	286	0.536 J	0.541 J	107	<0.2	<0.2	15.6	42.1	14.2	---	0.11 J	0.803 J	82.1	---	<0.42	0.184 J	60.1	73.8
	GW-3(5-5.5)	5/9/2024	5-5½	1.48 J	3.05	---	---	170	0.521 J	0.273 J	47.2	---	---	8.38	26.7	5.37	---	<0.11	0.305 J	53.4	---	0.489 J	<0.19	35.8	48.3
GW-4	GW-4(1-1.5)	5/13/2024	1-1½	<0.057	2.67	---	---	249	0.283 J	0.209 J	120	0.276	<0.2	**23.1**	62.2	6.05	---	0.21 J	0.842 J	86.4	---	<0.4	<0.17	96.1	61
	GW-4(5-5.5)	5/13/2024	5-5½	<0.066	6.93	---	---	572	0.911 J	0.502 J	74.6	---	---	19.2	48	14.3	---	0.17 J	1.62 J	131	---	<0.46	<0.2	60.3	111
GW-6	GW-6(1-1.5)	5/10/2024	1-1½	1.49 J	4.41	---	---	136	0.373 J	0.475 J	71.3	---	---	17	49.1	15.9	---	0.13 J	0.405 J	67	---	<0.38	<0.16	67	70.2
	GW-6(5-5.5)	5/10/2024	5-5½	1.45 J	2.01	---	---	152	0.599 J	0.397 J	50.8	---	---	9.26	34.1	5.9	---	<0.11	0.265 J	58.5	---	<0.44	<0.19	37.2	55
GW-8	GW-8(1.5-2)	5/10/2024	1½-2	0.859 J	4.92	---	---	152	0.486 J	0.48 J	69.5	---	---	15	40	14.4	---	0.13 J	0.814 J	70.6	---	<0.4	<0.17	58.8	72.3
	GW-8(5-5.5)	5/10/2024	5-5½	0.985 J	3.69	---	---	137	0.466 J	0.384 J	47.9	---	---	10	21.3	5.04	---	0.11 J	0.531 J	64.3	---	<0.41	<0.18	39.4	42.4
GW-9	GW-9(1-1.5)	5/10/2024	1-1½	1.67 J	4.06	---	---	460	0.198 J	0.797 J	61.5	---	---	14.8	34.7	2.2 J	---	0.3 J	1.74 J	66.9	---	0.936 J	<0.16	58.9	59.9
	GW-9(3.5-4)	5/10/2024	3½-4	2.48 J	**139**	**7.16**	1.27	154	0.567 J	0.506 J	51.5	---	---	10.7	35.8	14.3	---	0.17 J	0.671 J	65.3	---	<0.43	<0.18	39.6	73.2
SS-1	SS-1(0-1)	3/19/2024	0-1	<0.053	5.22	---	---	578	0.445 J	0.514 J	129	<0.20	---	**23.3**	62	6.94	---	0.25 J	2.44 J	168	---	<0.37	<0.16	82.2	84.8
	SS-1(2-3)	3/19/2024	2-3	<0.055	**11.6**	**---**	**---**	256	0.594 J	0.468 J	73.2	0.387	---	16.5	55.6	39.3	---	0.14 J	0.567 J	95.7	---	<0.39	<0.17	63.8	124
SS-2	SS-2(0-1)	3/19/2024	0-1	<0.059	**13.6**	**---**	**---**	252	0.537 J	0.443 J	68.4	0.223	---	13.9	38.6	24.4	---	0.16 J	0.814 J	85.6	---	<0.41	<0.18	51.8	97.4
	SS-2(3-4)	3/19/2024	3-4	<0.057	8.19	---	---	222	0.497 J	0.379 J	65	---	---	13.7	45.5	32	---	0.25 J	0.751 J	87	---	<0.4	<0.17	55	101
SS-2-E	SS-2-E(0.5-1)	5/9/2024	½-1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-E(2.5-3)	5/9/2024	2½-3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-E(4.5-5)	5/9/2024	4½-5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SS-2-N	SS-2-N(0.5-1)	5/9/2024	½-1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-N(2.5-3)	5/9/2024	2½-3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-N(4.5-5)	5/9/2024	4½-5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SS-2-S	SS-2-S(0.5-1)	5/9/2024	½-1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-S(2.5-3)	5/9/2024	2½-3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-S(4.5-5)	5/9/2024	4½-5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SS-2-W	SS-2-W(0.5-1)	5/9/2024	½-1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-W(2.5-3)	5/9/2024	2½-3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-W(4.5-5)	5/9/2024	4½-5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SS-3	SS-3(0-1)	3/19/2024	0-1	<0.057	5.31	---	---	507	0.396 J	0.407 J	121	0.296	---	**24**	53.5	7.74	---	0.17 J	9.49	123	---	<0.4	<0.17	78	88.7
	SS-3(2-3)	3/19/2024	2-3	<0.056	6.22	---	---	231	0.493 J	0.274 J	65.5	---	---	13.6	47.5	25	---	0.13 J	1.31 J	74.5	---	<0.39	<0.17	63.8	86.2
SS-4	SS-4(0-1)	3/19/2024	0-1	<0.055	4.75	---	---	704	0.319 J	0.556 J	93	<0.20	---	20.4	53	4.5	---	0.11 J	2.65 J	119	---	<0.39	<0.17	73.7	74.3
	SS-4(4-5)	3/19/2024	4-5	<0.059	1.08 J	---	---	55.8	0.216 J	<0.12	63.8	---	---	**31.5**	88.9	4.74	---	<0.098	0.462 J	57.3	---	<0.41	<0.18	128	73.7
SS-5	SS-5(2-3)	3/19/2024	2-3	<0.056	8.05	---	---	749	0.305 J	0.755 J	48.6	---	---	13.1	49.8	59.4	<0.20	0.18 J	0.821 J	52.2	---	<0.39	<0.17	54.8	155
SS-6	SS-6(1-2)	3/19/2024	1-2	<0.055	6.44	---	---	207	0.473 J	0.275 J	53.1	---	---	12.7	40.6	22.3	---	<0.092	0.946 J	71	---	<0.39	<0.17	52.3	93
SS-7	SS-7(1-2)	3/19/2024	1-2	<0.061	2.74	---	---	134	0.545 J	0.163 J	50.8	---	---	9.26	30.6	9.32	---	0.17 J	0.248 J	57	---	<0.42	<0.18	39.3	57.5
SS-8	SS-8(3-4)	3/19/2024	3-4	<0.057	4.94	---	---	155	0.379 J	0.203 J	50.7	---	---	10.1	31.3	13.8	---	<0.094	0.712 J	58.8	---	<0.4	<0.17	44.3	69.5
SS-9	SS-9(2-3)	3/19/2024	2-3	<0.056	5.88	---	---	165	0.422 J	<0.11	74.9	<0.20	---	14.4	46.2	14.8	---	<0.093	0.844 J	66	---	<0.39	<0.17	59.9	70.5
SS-10	SS-10(3-4)	3/19/2024	3-4	<0.055	3.38	---	---	99.2	0.349 J	0.158 J	53.4	<0.20	---	22.1	29	10.4	---	<0.091	0.692 J	302	1.37	<0.38	<0.16	43.8	55
SS-11	SS-11(1-2)	3/19/2024	1-2	<0.058	4.88	---	---	194	0.452 J	0.47 J	62.1	---	---	13.9	37.3	14.2	---	<0.58	1.04 J	74.2	---	<0.41	<0.17	55.9	152
	SV-7(4-5)*	3/19/2024	4-5	<0.061	4.36	---	---	154	0.508 J	0.151 J	54.7	---	---	8.71	30.9	6.17	---	<0.61	0.309 J	57.1	---	<0.42	<0.18	39.6	54.1
SS-12	SS-12(0-1)	3/19/2024	0-1	<0.06	9.22	---	---	247	0.512 J	0.351 J	75	<0.20	---	21.8	49	14.8	---	<0.6	0.613 J	82.1	---	<0.42	<0.18	61.3	80.9
	SS-12(4-5)	3/19/2024	4-5	<0.061	4.57	---	---	163	0.378 J	0.134 J	33.2	---	---	8.78	17.8	4.31	---	<0.1	0.244 J	43.2	---	<0.43	<0.18	45.6	41.3
SS-13	SS-13(3-4)	3/19/2024	3-4	<0.058	**11.1**	**---**	**---**	189	0.673 J	0.288 J	75.3	<0.20	---	15.2	40.3	10.1	---	<0.096	0.972 J	84.5	---	<0.4	<0.17	56.2	75.3
SS-14	SS-14(0-1)	3/19/2024	0-1	<0.057	**14.4**	**---**	**---**	165	0.553 J	0.485 J	56.1	---	---	13.3	46.9	19.3	---	<0.095	1.26 J	80.4	---	<0.4	<0.17	53.8	105
	SS-14(3-4)	3/19/2024	3-4	<0.067	**15.5**	**---**	**---**	391	0.811 J	0.214 J	66.9	---	---	**23.8**	33.8	10.3	---	<0.11	3.81 J	91.1	---	<0.47	<0.2	52.8	55.5
Maximum Detection				2.48 J	**139**	**7.16**	1.27	749	0.911 J	0.797 J	129	0.387	0	**31.5**	88.9	59.4	<0.20	0.3 J	9.49	302	1.37	0.936 J	0.281 J	128	155
Screening Criteria				11[1]	11[2]	5[4]	5[5]	15,000[1]	16[1]	78[1]	170[3]	5[4]	5[5]	23[1]	3,100[1]	80[1]	5[4]	13[1]	390[1]	820[1]	20[4]	390[1]	390[1]	390[1]	23,000[1]

1 Residential Direct Exposure Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019
2 Duverge, 2011. Establishing Backround Arsenic in Soil of the Urbanized San Francisco Bay Region.
3 Scott, Christina. December 1991. Background Metal Concentrations in Soils in Northern Santa Clara County.
4 Soluble Threshold Limit Concentration - California Code of Regulations, Title 22.
5 Toxicity Characteristic Leaching Procedure - USEPA
< Not detected at or above laboratory reporting limit shown
--- Not analyzed
BOLD Concentration exceeds selected Environmental Screening Criteria
J Estimated concentration between Method Detection Limit (MDL) and Reporting Limit (RL)
* SV-7 is paired with SS-11

CORNERSTONE EARTH GROUP

Table 2. Analytical Results of Soil Samples - OCPs, PCBs, SVOCs
(Concentrations in mg/kg)

Boring ID	Sample ID	Date	Depth (feet)	OCPs										PCBs		SVOCs															
				4,4´-DDD	4,4´-DDE	4,4´-DDT	DDT Total	alpha-Chlordane	Dieldrin	gamma-Chlordane	Heptachlor epoxide	Technical Chlordane	Other OCPs	Aroclor 1260	Other PCBs	Anthracene	Benz(a)anthracene	Benzo(g,h,i)perylene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Chrysene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	2-Nitrophenol	Bis(2-ethylhexyl)phthalate	Other sVOCs
GW-1	GW-1(1-1.5)	5/9/2024	1-1½	0.0234	0.0645	<0.0015	0.0879	0.00705 J	0.014 J	0.00428 J	<0.0009	0.0454 J	ND	**0.428**	ND	<0.102	<0.113	<0.192	<0.113	<0.138	<0.0938	<0.174	<0.115	<0.119	<0.159	<0.0016	<0.107	<0.137	<0.292	<0.176	ND
	GW-1(6-6.5)	5/9/2024	6-6½	<0.0069	<0.0024	<0.0016	NC	<0.0021	<0.0018	<0.002	<0.00095	<0.026	ND	<0.0293	ND	<0.0109	<0.012	<0.0203	<0.012	<0.0147	<0.00995	<0.0185	<0.0122	<0.0126	<0.0168	0.0194 J	0.0121 J	<0.176	<0.031	<0.0187	ND
GW-3	GW-3(1.5-2)	5/9/2024	1½-2	<0.0067	<0.0023	<0.0015	NC	<0.0021	0.00217 J	<0.0019	<0.00093	<0.025	ND	0.224	ND	<0.0106	<0.0117	<0.0198	<0.0117	<0.0143	<0.00971	<0.018	<0.0119	<0.0123	<0.0164	<0.0017	<0.0111	<0.171	<0.0302	<0.0182	ND
	GW-3(5-5.5)	5/9/2024	5-5½	<0.00072	<0.00025	<0.00016	NC	<0.00022	<0.00019	<0.00021	<0.000099	<0.0027	ND	<0.0305	ND	<0.0113	<0.0125	<0.0212	<0.0124	<0.0153	<0.0104	<0.0193	<0.0127	<0.0131	<0.0175	<0.0019	<0.0118	<0.183	<0.0322	<0.0195	ND
GW-4	GW-4(1-1.5)	5/13/2024	1-1½	<0.0032	0.00532 J	0.00348 J	0.0088	0.00141 J	0.00105 J	0.00287 J	<0.00044	<0.012	ND	0.0588 J	ND	<0.201	<0.222	<0.376	<0.221	<0.272	<0.184	<0.343	<0.226	<0.233	<0.312	<0.0016	<0.211	<0.270	<0.573	<0.346	ND
	GW-4(5-5.5)	5/13/2024	5-5½	<0.00075	<0.00026	<0.00017	NC	<0.00023	0.00051 J	<0.00022	<0.0001	<0.0028	ND	<0.0317	ND	<0.0118	<0.0129	<0.022	<0.0129	<0.0159	<0.0108	<0.02	<0.0132	<0.0136	<0.0182	<0.0021	0.0316 J	<0.190	0.0338 J	<0.0202	ND
GW-6	GW-6(1-1.5)	5/10/2024	1-1½	<0.0061	0.0133 J	<0.0014	0.0133	<0.0019	<0.0016	0.00201 J	0.00239 J	<0.023	ND	**1.93**	ND	<0.00962	<0.0106	<0.018	<0.0106	<0.013	<0.00881	<0.0164	<0.0108	<0.0111	<0.0149	<0.0015	<0.0101	<0.156	<0.0274	<0.0166	ND
	GW-6(5-5.5)	5/10/2024	5-5½	<0.00071	<0.00024	<0.00016	NC	0.000421 J	<0.00019	0.000688 J	<0.000098	0.0101 J	ND	<0.0302	ND	<0.112	<0.124	<0.21	<0.123	<0.152	<0.103	<0.191	<0.126	<0.13	<0.174	<0.0018	<0.117	<1.81	<0.32	<0.193	ND
GW-8	GW-8(1.5-2)	5/10/2024	1½-2	<0.0064	0.00644 J	<0.0015	0.00644	<0.002	0.00516 J	<0.0018	<0.00088	<0.024	ND	0.0802 J	ND	<0.101	<0.111	<0.188	<0.111	<0.136	<0.0922	<0.171	<0.113	<0.116	<0.156	<0.0021	<0.105	<0.135	<0.287	<0.173	ND
	GW-8(5-5.5)	5/10/2024	5-5½	<0.00067	<0.00023	<0.00015	NC	<0.0002	<0.00017	<0.00019	<0.000092	<0.0025	ND	<0.0283	ND	<0.0105	<0.0116	<0.0197	<0.0116	<0.0142	<0.00962	<0.0179	<0.0118	<0.0122	<0.0163	<0.0018	<0.011	<0.170	<0.0299	<0.0181	ND
GW-9	GW-9(1-1.5)	5/10/2024	1-1½	<0.006	0.0147 J	<0.0014	0.0147	0.00261 J	<0.0016	0.00205 J	0.00192 J	<0.023	ND	0.199	ND	<0.0953	<0.105	<0.178	<0.105	<0.129	<0.0873	<0.162	<0.107	0.131 J	<0.148	0.124 J	0.401 J	<1.54	<0.272	<0.164	ND
	GW-9(3.5-4)	5/10/2024	3½-4	<0.00069	<0.00024	<0.00016	NC	<0.00021	<0.00018	<0.0002	<0.000095	<0.0026	ND	<0.0293	ND	<0.0217	<0.0239	<0.0406	<0.0239	<0.0294	<0.0199	<0.037	<0.0244	<0.0252	<0.0337	<0.002	<0.0227	<0.351	<0.0619	0.0485 J	ND
SS-1	SS-1(0-1)	3/19/2024	0-1	<0.006	0.0115 J	<0.0014	0.0115	<0.0018	<0.0016	0.00196 J	<0.00083	<0.022	ND	0.152	ND	<0.095	<0.1	<0.18	<0.1	<0.13	<0.086	<0.16	<0.11	<0.11	<0.15	<0.0021	0.229 J	<0.13	---	---	ND
	SS-1(2-3)	3/19/2024	2-3	<0.012	0.0495	<0.0028	0.0495	0.00462 J	0.00814 J	0.00495 J	0.00761 J	<0.046	ND	**0.23**	ND	<0.098	<0.11	<0.18	<0.11	<0.13	<0.09	<0.17	<0.11	<0.11	<0.15	<0.0021	<0.1	<0.13	---	---	ND
SS-2	SS-2(0-1)	3/19/2024	0-1	<0.0067	0.0415	<0.0015	0.0415	0.00605 J	<0.0017	0.0295	<0.00092	0.111 J	ND	**1.21**	ND	<0.42	<0.46	<0.79	<0.46	<0.57	<0.38	<0.72	<0.47	<0.49	<0.65	<0.0018	<0.44	<0.56	---	---	ND
	SS-2(3-4)	3/19/2024	3-4	<0.0064	0.0199 J	<0.0015	0.0199	<0.002	<0.0017	<0.0018	<0.00088	<0.024	ND	0.0949 J	ND	0.0514 J	<0.055	<0.094	<0.055	<0.068	<0.046	<0.086	<0.057	<0.058	<0.078	0.0817 J	0.0939 J	<0.068	---	---	ND
SS-2-E	SS-2-E(0.5-1)	5/9/2024	½-1	---	---	---	NC	---	---	---	---	---	---	<0.0259	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-E(2.5-3)	5/9/2024	2½-3	---	---	---	NC	---	---	---	---	---	---	**0.257**	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-E(4.5-5)	5/9/2024	4½-5	---	---	---	NC	---	---	---	---	---	---	<0.0264	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SS-2-N	SS-2-N(0.5-1)	5/9/2024	½-1	---	---	---	NC	---	---	---	---	---	---	<0.0262	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-N(2.5-3)	5/9/2024	2½-3	---	---	---	NC	---	---	---	---	---	---	**0.764**	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-N(4.5-5)	5/9/2024	4½-5	---	---	---	NC	---	---	---	---	---	---	0.035 J	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SS-2-S	SS-2-S(0.5-1)	5/9/2024	½-1	---	---	---	NC	---	---	---	---	---	---	<0.0259	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-S(2.5-3)	5/9/2024	2½-3	---	---	---	NC	---	---	---	---	---	---	**0.55**	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-S(4.5-5)	5/9/2024	4½-5	---	---	---	NC	---	---	---	---	---	---	<0.0259	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SS-2-W	SS-2-W(0.5-1)	5/9/2024	½-1	---	---	---	NC	---	---	---	---	---	---	<0.0254	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-W(2.5-3)	5/9/2024	2½-3	---	---	---	NC	---	---	---	---	---	---	**0.356**	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SS-2-W(4.5-5)	5/9/2024	4½-5	---	---	---	NC	---	---	---	---	---	---	<0.0269	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SS-3	SS-3(0-1)	3/19/2024	0-1	<0.013	<0.0044	<0.0029	NC	<0.0039	<0.0033	<0.0037	<0.0018	<0.048	ND	<0.0271	ND	<0.41	<0.44	<0.75	<0.44	<0.55	<0.37	<0.69	<0.45	<0.47	<0.63	<0.0018	<0.42	<0.54	---	---	ND
	SS-3(2-3)	3/19/2024	2-3	<0.0063	0.00305 J	<0.0014	0.00305	<0.0019	<0.0017	<0.0018	<0.00087	<0.024	ND	<0.0269	ND	<0.1	<0.11	<0.19	<0.11	<0.13	<0.091	<0.17	<0.11	<0.12	<0.15	<0.0015	<0.1	<0.13	---	---	ND
SS-4	SS-4(0-1)	3/19/2024	0-1	<0.012	<0.0043	<0.0028	NC	<0.0038	<0.0033	<0.0036	<0.0017	<0.046	ND	<0.0264	ND	<0.098	<0.11	<0.18	<0.11	<0.13	<0.089	<0.17	<0.11	<0.11	<0.15	<0.0017	0.265 J	<0.13	---	---	ND
	SS-4(4-5)	3/19/2024	4-5	<0.0066	<0.0023	<0.0015	NC	<0.002	<0.0017	<0.0019	<0.00091	<0.025	ND	<0.0281	ND	<0.1	<0.11	<0.19	<0.11	<0.14	<0.095	<0.18	<0.12	<0.12	<0.16	<0.0017	<0.11	<0.14	---	---	ND
SS-5	SS-5(2-3)	3/19/2024	2-3	0.00796 J	0.0134 J	<0.0014	0.02136	<0.0019	<0.0016	<0.0018	<0.00087	<0.023	ND	<0.0266	ND	<0.099	<0.11	<0.18	<0.11	<0.13	<0.09	<0.17	<0.11	<0.11	<0.15	<0.0016	<0.1	<0.13	---	---	ND
SS-6	SS-6(1-2)	3/19/2024	1-2	<0.0062	<0.0021	<0.0014	NC	<0.0019	<0.0016	0.00444 J	<0.00086	<0.023	ND	<0.0264	ND	<0.2	<0.22	<0.37	<0.22	<0.26	<0.18	<0.33	<0.22	<0.23	<0.3	<0.0015	<0.2	<0.26	---	---	ND
SS-7	SS-7(1-2)	3/19/2024	1-2	<0.00068	<0.00023	<0.00016	NC	<0.00021	<0.00018	<0.0002	<0.000094	<0.0026	ND	<0.029	ND	<0.011	<0.012	<0.02	<0.012	<0.015	<0.0098	<0.018	0.0167 J	<0.012	<0.017	0.0159 J	0.022 J	<0.014	---	---	ND
SS-8	SS-8(3-4)	3/19/2024	3-4	<0.0064	0.00457 J	<0.0015	0.00457	<0.002	0.00179 J	<0.0018	<0.00088	<0.024	ND	<0.0271	ND	<0.02	<0.022	<0.037	<0.022	<0.027	<0.018	<0.034	<0.023	<0.023	<0.031	<0.0016	0.0258 J	<0.027	---	---	ND
SS-9	SS-9(2-3)	3/19/2024	2-3	<0.0063	<0.0022	<0.0014	NC	<0.0019	<0.0016	<0.0018	<0.00087	<0.023	ND	0.0966 J	ND	<0.099	<0.11	<0.18	<0.11	<0.13	<0.09	<0.17	<0.11	<0.11	<0.15	<0.0016	<0.1	<0.13	---	---	ND
SS-10	SS-10(3-4)	3/19/2024	3-4	<0.0062	<0.0021	<0.0014	NC	<0.0019	<0.0016	<0.0018	<0.00085	<0.023	ND	<0.0262	ND	<0.097	<0.11	<0.18	<0.11	<0.13	<0.089	<0.17	<0.11	<0.11	<0.15	<0.0016	<0.1	<0.13	---	---	ND
SS-11	SS-11(1-2)	3/19/2024	1-2	<0.0066	<0.0023	<0.0015	NC	<0.002	<0.0017	<0.0019	<0.0009	<0.024	ND	<0.0278	ND	<0.052	<0.057	<0.096	<0.057	<0.07	<0.047	<0.088	<0.058	<0.06	<0.08	<0.0015	<0.054	<0.069	---	---	ND
	SV-7(4-5)*	3/19/2024	4-5	<0.00068	<0.00023	<0.00016	NC	<0.00021	<0.00018	<0.0002	<0.000094	<0.0026	ND	<0.029	ND	<0.011	<0.012	<0.02	<0.012	<0.015	<0.0098	<0.018	<0.012	<0.012	<0.017	<0.0017	<0.011	<0.014	---	---	ND
SS-12	SS-12(0-1)	3/19/2024	0-1	<0.0067	<0.0023	<0.0015	NC	<0.0021	<0.0018	<0.0019	<0.00093	<0.025	ND	<0.0286	ND	<0.021	0.0412 J	0.0666 J	0.0552 J	0.0778 J	0.0241 J	0.0698 J	0.0792 J	<0.025	0.044 J	<0.0017	0.0365 J	0.0797 J	---	---	ND
	SS-12(4-5)	3/19/2024	4-5	<0.00069	<0.00024	<0.00016	NC	<0.00021	<0.00018	<0.0002	<0.000095	<0.0026	ND	<0.0293	ND	<0.011	<0.012	<0.02	<0.012	<0.015	<0.0099	<0.019	<0.012	<0.013	<0.017	<0.0016	<0.011	<0.015	---	---	ND
SS-13	SS-13(3-4)	3/19/2024	3-4	<0.0019	<0.00067	<0.00045	NC	<0.0006	<0.00051	<0.00056	<0.00027	<0.0073	ND	<0.0276	ND	<0.01	<0.011	<0.019	<0.011	<0.014	<0.0093	<0.017	<0.011	<0.012	<0.016	<0.0016	<0.011	<0.014	---	---	ND
SS-14	SS-14(0-1)	3/19/2024	0-1	<0.0064	0.00887 J	<0.0015	0.00887	<0.002	<0.0017	0.00299 J	<0.00089	<0.024	ND	0.073 J	ND	<0.051	<0.056	<0.095	<0.056	<0.068	<0.046	<0.086	<0.057	<0.059	<0.079	<0.0019	<0.053	<0.068	---	---	ND
	SS-14(3-4)	3/19/2024	3-4	<0.00076	0.00152 J	<0.00017	0.00152	<0.00023	<0.0002	<0.00022	<0.0001	<0.0028	ND	<0.0322	ND	<0.012	<0.013	<0.022	<0.013	0.0188 J	<0.011	0.0325 J	0.0196 J	<0.014	<0.018	<0.0022	0.017 J	<0.016	---	---	ND
Maximum Detection				0.0234	0.0645	0.00348 J	0.0879	0.00705 J	0.014 J	0.0295	0.00761 J	0.111 J	NA	**1.93**	NA	0.0514 J	0.0412 J	0.0666 J	0.0552 J	0.0778 J	0.0241 J	0.0698 J	0.0792 J	0.131 J	0.044 J	0.124 J	0.401 J	0.0797 J	0.0338 J	0.0485 J	NA
Screening Criteria				2.7[1]	1.8[1]	1.9[1]	1[2]	NE	0.037[1]	NE	0.062[1]	0.48[1]	Varies	0.23[3]	Varies	18,000[1]	1.1[1]	NE	0.11[1]	1.1[1]	11[1]	110[1]	2,400[1]	2,400[1]	1.1[1]	3.8[1]	NE	NE	NE	39[1]	Varies

1 Residential Direct Exposure Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019
2 Total Threshold Limit Concentration - California Code of Regulations, Title 22.
3 Tier 1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019
< Not detected at or above laboratory reporting limit shown
NA Not Applicable
NC Not Calculated
ND Not detected at or above reporting limit
NE Not Established
--- Not analyzed
J Estimated concentration between Method Detection Limit (MDL) and Reporting Limit (RL)
* SV-7 is paired with SS-11

CORNERSTONE EARTH GROUP

Table 3. Analytical Results of Soil Samples - VOCs and TPH
(Concentrations in mg/kg)

Boring ID	Sample ID	Date	Depth (feet)	VOCs				Total Petroleum Hydrocarbons		
				2-Butanone (MEK)	Acetone	2-Methylnaphthalene	Other VOCs	TPHd	TPHo	TPHg
GW-1	GW-1(1-1.5)	5/9/2024	1-1½	<0.0022	0.11	<0.12	ND	144	307	ND
	GW-1(6-6.5)	5/9/2024	6-6½	<0.0026	0.0465	<0.0127	ND	82.7	189	ND
GW-3	GW-3(1.5-2)	5/9/2024	1½-2	<0.0023	0.0174 J	<0.0124	ND	61.2	132	ND
	GW-3(5-5.5)	5/9/2024	5-5½	<0.0026	<0.0091	<0.0133	ND	11.9	21.0	ND
GW-4	GW-4(1-1.5)	5/13/2024	1-1½	<0.0022	0.0554	<0.236	ND	38.2	102	ND
	GW-4(5-5.5)	5/13/2024	5-5½	<0.0029	0.0817	<0.0138	ND	28.3	42.9	ND
GW-6	GW-6(1-1.5)	5/10/2024	1-1½	<0.002	0.00986 J	0.0141 J	ND	52	108	ND
	GW-6(5-5.5)	5/10/2024	5-5½	<0.0025	0.0186 J	<0.131	ND	9.26	15.2	ND
GW-8	GW-8(1.5-2)	5/10/2024	1½-2	<0.0029	0.0148 J	<0.118	ND	41.1	86.5	ND
	GW-8(5-5.5)	5/10/2024	5-5½	<0.0024	<0.0086	<0.0123	ND	<2.4	<12	ND
GW-9	GW-9(1-1.5)	5/10/2024	1-1½	<0.0019	0.0109 J	0.259 J	ND	129	412	ND
	GW-9(3.5-4)	5/10/2024	3½-4	<0.0027	0.0962	<0.0255	ND	23.3	45.7	ND
SS-1	SS-1(0-1)	3/19/2024	0-1	0.00774 J	0.0674	<0.11	ND	53.8	216	ND
	SS-1(2-3)	3/19/2024	2-3	0.00576 J	0.0508	<0.11	ND	147	430	ND
SS-2	SS-2(0-1)	3/19/2024	0-1	<0.0024	0.0212 J	<0.49	ND	102	350	ND
	SS-2(3-4)	3/19/2024	3-4	<0.0024	0.032	<0.059	ND	126	242	ND
SS-2-E	SS-2-E(0.5-1)	5/9/2024	½-1	---	---	---	---	---	---	---
	SS-2-E(2.5-3)	5/9/2024	2½-3	---	---	---	---	---	---	---
	SS-2-E(4.5-5)	5/9/2024	4½-5	---	---	---	---	---	---	---
SS-2-N	SS-2-N(0.5-1)	5/9/2024	½-1	---	---	---	---	---	---	---
	SS-2-N(2.5-3)	5/9/2024	2½-3	---	---	---	---	---	---	---
	SS-2-N(4.5-5)	5/9/2024	4½-5	---	---	---	---	---	---	---
SS-2-S	SS-2-S(0.5-1)	5/9/2024	½-1	---	---	---	---	---	---	---
	SS-2-S(2.5-3)	5/9/2024	2½-3	---	---	---	---	---	---	---
	SS-2-S(4.5-5)	5/9/2024	4½-5	---	---	---	---	---	---	---
SS-2-W	SS-2-W(0.5-1)	5/9/2024	½-1	---	---	---	---	---	---	---
	SS-2-W(2.5-3)	5/9/2024	2½-3	---	---	---	---	---	---	---
	SS-2-W(4.5-5)	5/9/2024	4½-5	---	---	---	---	---	---	---
SS-3	SS-3(0-1)	3/19/2024	0-1	<0.0025	0.0113 J	<0.47	ND	129	1,510	ND
	SS-3(2-3)	3/19/2024	2-3	0.00234 J	0.0143 J	<0.12	ND	199	645	ND
SS-4	SS-4(0-1)	3/19/2024	0-1	<0.0023	<0.0081	0.146 J	ND	**303**	1,130	ND
	SS-4(4-5)	3/19/2024	4-5	0.00353 J	0.0209	<0.12	ND	53.9	113	ND
SS-5	SS-5(2-3)	3/19/2024	2-3	<0.0023	0.0122 J	<0.12	ND	76.8	188	ND
SS-6	SS-6(1-2)	3/19/2024	1-2	<0.0021	<0.0075	<0.23	ND	51.3	273	ND
SS-7	SS-7(1-2)	3/19/2024	1-2	<0.0024	0.0114 J	<0.013	ND	8.82	21.6	ND
SS-8	SS-8(3-4)	3/19/2024	3-4	<0.0021	0.0137 J	<0.024	ND	55	113	ND
SS-9	SS-9(2-3)	3/19/2024	2-3	<0.0022	0.0107 J	<0.12	ND	73.6	232	ND
SS-10	SS-10(3-4)	3/19/2024	3-4	<0.0022	0.0186 J	<0.11	ND	51.7	139	ND
SS-11	SS-11(1-2)	3/19/2024	1-2	<0.002	<0.0072	<0.06	ND	21.6	98	ND
	SV-7(4-5)*	3/19/2024	4-5	<0.0023	<0.0084	<0.013	ND	8.07	14.5	ND
SS-12	SS-12(0-1)	3/19/2024	0-1	<0.0023	0.014 J	<0.025	ND	21.4	90.5	ND
	SS-12(4-5)	3/19/2024	4-5	<0.0022	<0.0078	<0.013	ND	3.08	<12	ND
SS-13	SS-13(3-4)	3/19/2024	3-4	<0.0022	<0.008	<0.012	ND	9.65	24.3	ND
SS-14	SS-14(0-1)	3/19/2024	0-1	<0.0026	<0.0094	<0.059	ND	73.6	280	ND
	SS-14(3-4)	3/19/2024	3-4	<0.003	0.0164 J	<0.014	ND	19.5	48.8	ND
Maximum Detection				0.00774 J	0.11	0.259 J	NA	303	1,510	NA
Screening Criteria				27,000[1]	61,000[1]	240[1]	Varies	260[1]	12,000[1]	430[1]

1 Residential Direct Exposure Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019
< Not detected at or above laboratory reporting limit shown
NA Not Applicable
ND Not detected at or above reporting limit
--- Not analyzed
BOLD Concentration exceeds selected Environmental Screening Criteria
J Estimated concentration between Method Detection Limit (MDL) and Reporting Limit (RL)
* SV-7 is paired with SS-11

CORNERSTONE EARTH GROUP

Table 4. Analytical Results of Groundwater Grab Samples
(Concentrations in µg/L)

Sample ID	Date	VOCs		Total Petroleum Hydrocarbons		
		Acetone	Other VOCs	TPHg	TPHd	TPHo
GW-1	5/9/2024	23.2 J	ND	<420	<180	<730
GW-2	5/9/2024	<11	ND	<420	<100	<410
GW-3	5/9/2024	5.28 J	ND	<57	<100	<400
GW-4	5/13/2024	<5.4	ND	<210	<100	<410
GW-5	5/13/2024	25 J	ND	<210	<100	<410
GW-6	5/10/2024	<5.4	ND	<210	152	<400
GW-7	5/10/2024	1.75 J	ND	<50	135	<400
GW-8	5/10/2024	3.24 J	ND	<50	135	<400
GW-9	5/10/2024	<5.4	ND	<210	165	<400
Maximum Detection		25 J	NA	<420	165	<730
MCL[1]		14,000	Varies	760	200	NE

1 Maximum Contaminant Level (MCL), State Water Resources Control Board - March 2019
NA Not Applicable
ND Not detected at or above laboratory reporting limit shown
NE Not Established
--- Not analyzed and/or other Environmental Screening Criteria not shown.
BOLD Concentration exceeds selected Environmental Screening Criteria
J Estimated concentration between Method Detection Limit (MDL) and Reporting Limit (RL)
< Not detected at or above reporting limit

CORNERSTONE EARTH GROUP

Table 5. Analytical Results of Soil Vapor Samples
(Concentrations in µg/m³)

Boring ID	Sample ID	Date	Depth (feet)	VOCs																													TPHg
				Benzene	Toluene	Ethylbenzene	EDB	TBA	1,1,1-TCA	1,1-Difluoroethane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	4-Ethyl Toluene	4-Methyl-2-Pentanone (MIBK)	Acetone	Carbon Disulfide	Carbon Tetrachloride	Chloroform	cis-1,2-dichloroethene	Dichlorodifluoromethane	Hexane	Isopropanol	m,p-Xylene	Methylene Chloride	Naphthalene	o-xylene	PCE	TCE	Tetrahydrofuran	Trichlorofluoromethane	Other VOCs	
SV-1	SV-1R	4/5/2024	5	**6.9**	13	**42**	<0.81	<0.68	<0.87	2.4 J	<2.4	8.9	4.2	11	7.8	<0.82	52	21	<1.2	1.5 J	1.9 J	<1.7	5.9	30	190	<0.77	1.4 J	88	**36**	7.2	<0.49	4.9	ND	2,600
	SV-1	4/5/2024	5	**9.7**	16	**66**	<0.81	<0.68	<0.87	1.1 J	<2.4	11	5.2	<0.43	9.6	<0.82	70	47	<1.2	<1.1	3.2	<1.7	28	27	280	<0.77	1.6 J	130	**24**	8.7	<0.49	5.5	ND	5,520
SV-2	SV-2	4/5/2024	5	3.2	4.9	0.93 J	<0.74	<0.62	<0.79	6.9 J	<2.2	<0.6	<0.3	<0.39	<0.55	<0.75	7.8 J	14	11	**64**	<0.83	4	1.6 J	14	4	<0.7	<1.3	1.8 J	11	<0.81	<0.45	18	ND	328
SV-5	SV-5	4/5/2024	5	**68**	27	4 J	<2.2	<1.9	<2.4	11 J	24	5.6 J	3 J	<1.2	2.7 J	<2.2	<1.2	71	<3.3	<2.9	<2.5	<4.7	260	180	19	<2.1	<3.8	9	<4.4	5.3 J	<1.3	<1.7	ND	10,600
SV-6	SV-6	4/5/2024	5	**4.1**	5.2	15	<0.74	<0.62	<0.79	0.56 J	<2.2	<0.6	0.78 J	<0.39	0.72 J	<0.75	18	6.9	<1.1	<0.97	<0.83	<1.6	15	22	73	<0.7	1.7 J	41	8.2	<0.81	<0.45	<0.56	ND	1,810
SV-7	SV-7	4/5/2024	5	1.4 J	4.2	1.3 J	<0.74	<0.62	1.5 J	1.6 J	<2.2	1.5 J	0.93 J	<0.39	0.84 J	<0.75	5.1 J	10	<1.1	**4.9**	<0.83	<1.6	1.8	21	5.3	3.3 J	<1.3	2.8	6	<0.81	<0.45	2 J	ND	427
SV-8	SV-8	4/5/2024	5	<0.46	<0.79	<0.66	<0.77	<0.65	<0.83	1.2 J	<2.3	<0.63	<0.32	7.3	<0.57	1.2 J	<0.41	3.9	<1.2	1.4 J	<0.87	<1.6	1.9	550	<1	<0.74	<1.3	<0.32	6.5	<0.85	<0.47	2 J	ND	844
SV-9	SV-9	5/14/2024	5	**19**	23	6	<1.5	<1.2	<1.6	<0.69	<4.3	4.3 J	2.4 J	21	3.6 J	6	98	23	<2.2	**5.8**	<1.7	<3.1	21	<2.6	25	<1.4	<2.5	13	**19**	<1.6	89	29	ND	4,440
SV-10	SV-10	5/14/2024	5	**40**	47	6.2 J	**2.7 J**	<2.2	<2.9	<1.2	<7.7	9	4.5 J	<1.4	8.8 J	<2.7	160	260	<4	**5.7 J**	<3	<5.6	190	64	22	<2.5	<4.6	12	13	<2.9	<1.6	360	ND	10,900
SV-15	SV-15R	5/16/2024	5	**16**	12	<2.2	<2.6	<2.2	<2.8	<1.2	<7.5	<2.1	<1.1	37	<1.9	<2.6	220	75	<3.9	**11**	<2.9	<5.5	<1.6	<4.5	3.8 J	<2.5	<4.5	2.7 J	11 J	<2.8	42	960	ND	1,430
	SV-15	5/16/2024	5	**10**	7.5	<1.9	<2.2	8.6	<2.4	<1	<6.5	<1.8	<0.9	29	<1.6	<2.2	150	53	<3.3	**6.7 J**	<2.5	<4.7	1.4 J	27 J	<2.9	<2.1	<3.8	1.7 J	7.3 J	<2.4	30	580	ND	1,990
SV-16	SV-16	5/16/2024	5	**13**	15	2.2 J	<2.1	3.6 J	12	<1	<6.2	<1.7	<0.87	12	<1.6	<2.2	41	33	<3.2	**5.8 J**	<2.4	<4.6	1.4 J	56	6.9	<2	<3.7	3.2 J	6.6 J	<2.3	66	52	ND	1,170
Maximum Detection				**68**	47	**66**	**2.7 J**	8.6	12	11 J	24	11	5.2	37	9.6	6	220	260	11	**64**	3.2	4	260	550	280	3.3 J	1.7 J	130	**36**	8.7	89	960	NA	10,900
ESL[1] - Human Health Risk (Residential)				3.2	10,000	37	0.16	NE	35,000	NE	70	NE	NE	170,000	NE	100,000	1,100,000	NE	16	4.1	280	NE	NE	NE	3,500	34	2.8	3,500	15	16	NE	NE	Varies	20,000

1 Residential Direct Exposure Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - January 2019
< Not detected at or above laboratory reporting limit shown
NA Not Applicable
ND Not detected at or above reporting limit
NE Not Established
BOLD Concentration exceeds selected Environmental Screening Criteria
J Estimated concentration between Method Detection Limit (MDL) and Reporting Limit (RL)
Red Font Red font indicates the laboratory reporting limit shown exceeds one or more of the selected screening levels.

CORNERSTONE EARTH GROUP

APPENDIX A – GEOPHYSICAL SURVEY REPORT

Geophysical Report

Underground Storage Tank Search

451-475 El Camino Real

Santa Clara, California

June 6, 2024

Terracon Job No. NS237013

Prepared for:

CORNERSTONE EARTH GROUP

Prepared by:

Terracon Geophysical Services

Terracon Consultants, Inc. Sonoma County Office 321A Blodgett Street Cotati, California 94931
(707) 796-7170 terracon.com

June 6, 2024

Cornerstone Earth Group
3697 Mt. Diablo Blvd, Suite 310
Lafayette, California

Attention: Mr. Peter Langtry and Ms. Hailey Guckes,

Subject: Underground Storage Tank Search
451-475 El Camino Real
Santa Clara, California

Terracon Project No. NS237013

Dear Mr. Peter Langtry and Ms. Hailey Guckes,

This report presents the findings of an underground storage tank (UST) search using geophysical survey methods. The survey was performed by Terracon Consultants Inc. (Terracon), formerly NORCAL Geophysical Consultants, Inc., for Cornerstone Earth Group (Cornerstone) at the subject site.

The work was authorized under Terracon Task Order Ref. PNS237013 dated May 6, 2024, under the Master Services Agreement dated May 18, 2017. Terracon Professional Geophysicist J. Sage Wagner (CA PGp No. 1109) and Senior Geophysicist Chuck G. Carter (CA PGp No. 1051) conducted the survey on April 16, 2024. Ms. Hailey Guckes of Cornerstone provided logistical on-site support during the survey.

The scope of Terracon's services for this project consisted of using geophysical methods to characterize the subsurface. The accuracy of our findings is subject to specific site conditions and limitations inherent to the techniques used. We performed our services in a manner consistent with the standard of care ordinarily exercised by members of the profession currently employing similar methods. No warranty, with respect to the performance of services delivered under this agreement, express or implied, is made by Terracon.

We appreciate having the opportunity to provide our services for this project. If you have any questions or require additional geophysical services, please do not hesitate to call on us.

Sincerely,
Terracon Consultants, Inc.

J. Sage Wagner III
California Professional Geophysicist
PGp 1109

PROFESSIONAL GEOPHYSICIST
JAMES EARNEST SAGE WAGNER III
No. 1109
STATE OF CALIFORNIA
6-6-2024

Donald J. Kirker, Reviewer
California Professional Geophysicist
PGp No. 997

PROFESSIONAL GEOPHYSICIST
DONALD KIRKER
No. 997
STATE OF CALIFORNIA
6-6-2024

1.0 INTRODUCTION

This report presents the results of a geophysical survey to locate possible underground storage tanks (UST). The site is located north of the intersection of El Camino Real and Bellomy Street in Santa Clara, California. A review of historic documents by others indicates that the property was occupied by an area that may have used an underground storage tank (UST) to store an unknown product. Since it is not known if the UST was removed when the building was razed, this geophysical survey was conducted as a due-diligence measure for the investigation. The geophysical survey was comprised of three methods: vertical magnetic gradient (VMG), metal detector (MD) and ground penetrating radar (GPR).

2.0 SITE CONDITIONS

The following description of site conditions is derived from our site visit and a review of publicly available geologic and topographic maps.

Item	Description
Site Information	The site is located at 451 to 475 El Camino Real in Santa Clara, California. The site is currently an office composed of commercial buildings with a relatively large asphalt-paved parking lot. The approximate coordinates of the center of the site are: (37.3503458,-121.933712).
Survey Areas	The survey area consisted of the southeast portion of the parking lot. A site plan provided by Cornerstone (Cornerstone project number 285-2-1) shows two areas that may be “approximate locations of known underground tank shown on 1988 site map”. We refer to them as Sites A and B. Site A is located to the south of building 451 and the parking garage and consists primarily of asphalt pavement. Site B is located to the southeast of building 451 and consists of both asphalt and reinforced concrete pavement. The limits of each survey area, as defined by Cornerstone, are shown on Plate 1.
Existing Topography	Based on our Trimble Geo 7X GPS and Google Earth data, the site is generally flat. The ground surface elevation is approximately 66- to 70-ft (NAVD88).
Site Geology	Available geologic maps (USGS, 2003; CGS 2010) indicate that the site is underlain by Pleistocene-Holocene alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated.

3.0 SCOPE OF WORK

3.1 GEOPHYSICAL METHODS

Our scope of work involved using the VMG, MD and GPR methods in a systematic search of Sites A and B, as defined by Cornerstone personnel, to search for a potential UST. The possibility of instrumental interference due to the proximity of buildings, vehicles, light standards, or other metallic objects was also taken into consideration during data analysis and interpretation.

3.2 DELIVERABLES

Aerial photographic images showing the site vicinity and the location of the survey area are provided on **Plate 1 – Site Location Map**. A summary of our results is provided on **Plates 2A thru 3B – Geophysical Results Map**. In addition, to provide documentation of our investigation, this report includes details of our data acquisition, processing, and interpretation procedures.

4.0 VERICAL MAGNETIC GRADIENT SURVEY

4.1 SURVEY METHOD

Underground steel (ferromagnetic) objects, such as a UST, typically develop an induced magnetic field due to the presence of the Earth's magnetic field. This secondary field can be detected by a sensitive instrument known as a magnetometer. The instrument is hand-carried over the suspect area and location information is recorded simultaneously with measurements of the gradient of the ambient magnetic field. In this way, a contour map can be created that represents variations of the magnetic field, allowing subsurface ferromagnetic objects to be detected and mapped. Strong localized lateral variations that cannot be accounted for by surface features may represent a UST or other buried metallic objects.

The magnetometer employs two magnetic sensors so that the vertical magnetic gradient (VMG) can be calculated. Due to the presence of numerous above-ground magnetic sources near the perimeter of each site, it was determined that the dual-sensor data (VMG) approach was more diagnostic. Further descriptions of the VMG methodology, our data acquisition and analysis procedures, as well as the instrumentation we used are provided in **Appendix A – Magnetometer (MAG) Survey**.

4.2 DATA ACQUISITION

In order to perform a systematic search of Sites A and B, rectilinear search grids were established. The limits of each survey area are shown by the dashed green lines on Plates 2B and 3B. VMG data were collected along grid lines spaced 5-ft apart throughout accessible portions of each survey area, creating a dense grid of measurements. It should be noted that parked vehicles at Site A precluded data acquisition in the northwest portion of the site.

4.3 DATA PRESENTATION

The results of the VMG survey are presented by the colored contour map presented on **Plates 2B and 3B – Vertical Magnetic Gradient Contour Map**. Each map shows the survey limits and the measured VMG variations over each survey area, as indicated in the legend. The vertical axis represents project northing, and the horizontal axis represents project easting. The direction of true north is also shown on the map. The unit of measure for each axis is the US Survey Foot.

Variations of the magnetic field intensity are presented in nanoteslas (nT), as shown on the colored scale bar below the map. The stronger (higher magnitude) variations appear as concentric, roughly circular contour lines with darker red (higher than background) and blue (lower than background) shading. Strong variations that cannot be ascribed to surface features are typically considered anomalous and are interpreted to be indicative of sub-surface sources.

4.4 RESULTS

Both contour maps at Sites A and B, **Plates 2B and 3B** respectively, show closely spaced contours (localized magnetic variations) around the perimeter of each site that we believe can be attributed to above-ground magnetic sources such as reinforced concrete, buildings, cars, and/or adjacent light posts. The remainder of each map is characterized by a lack of contours, which is indicative of an absence of subsurface magnetic sources. Consequently, we did not define any magnetic anomalies at these sites that we would interpret as representing a UST.

5.0 METAL DETECTOR SURVEY

5.1 SURVEY METHOD

Just as a conductive wire will allow a current to flow when a voltage is applied, a changing magnetic field will produce a response field in a nearby conductive body. This is the basic principle behind a metal detector. The MD instrument induces response fields in nearby conductive objects that are detected by an antenna in the device. However, as a magnetic field decays rapidly with distance, the MD instrument must be relatively close to the target.

5.2 DATA ACQUISITION

The unit does not record data but emits an audible tone when directly over or adjacent to highly conductive materials, such as metals. The MD was used to scan accessible areas of the established grids (Section 4.2) along grid lines spaced 5-ft apart. All possible subsurface sources were interpreted in real time and the results were marked on the ground surface and subsequently mapped in the field using GPS. Further descriptions of MD methodology, our field procedures and the instrumentation used are provided in **Appendix A – Metal Detector Survey**.

5.3 RESULTS

The MD survey defined one undifferentiated utility line (purple dashed line) along the southern boundary of Site B, as shown on **Plates 3A**. However, we do not interpret this feature to be associated with a UST. Since the scope of this survey did not include locating utility lines, not all utilities located within the survey area may be defined.

6.0 GROUND PENETRATING RADAR SURVEY

6.1 SURVEY METHOD

The cart mounted GPR emits pulses of electromagnetic radiation while moved over the ground surface. These pulses are within a radio frequency band that can penetrate the ground and be reflected by interfaces of contrasting electrical properties, such as between soil and metal. The reflections are detected by the antenna and an image is produced on the console screen. These images were interpreted as to their possible sources and the results were marked on the ground surface and subsequently mapped in the field using GPS.

6.1 DATA ACQUISITION

While no magnetic anomalies were defined that could be interpreted as representing a UST within the areas surveyed, numerous GPR traverses were acquired over both grid areas to further characterize the subsurface and possible define a former tank pit. Further descriptions of the GPR methodology, our data acquisition and analysis procedures, as well as the instrumentation we used are provided in **Appendix A – Ground Penetrating Radar Survey**.

6.3 RESULTS

No reflection patterns were observed in the GPR data that we would interpret as representing a former UST or tank pit. The GPR data instead showed continuous stratigraphic reflections, indicating undisturbed subsurface conditions.

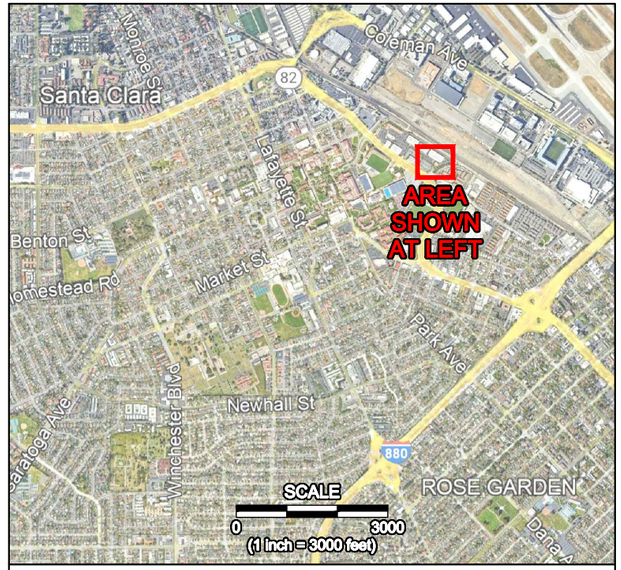
7.0 SUMMARY

As shown on **Plates 2A thru 3B**, all three geophysical methods were employed; however, no anomalies were detected by any of the survey methods that are interpreted as possibly representing a UST.

8.0 METHOD LIMITATIONS

Geophysical methods are a type of remote sensing technology and have inherent limitations based on the physics involved with each specific method. In understanding the results of this investigation, it is important to understand these limitations and the uncertainties involved in the interpretation of data. Please refer to **APPENDIX A – Geophysical Methods** for details on these limitations.





VICINITY MAP

SCALE
0 60 120
(1 inch = 60 feet)

LEGEND	
	SITE A – GEOPHYSICAL SURVEY (PLATES 2A-2B)
	SITE B – GEOPHYSICAL SURVEY (PLATES 3A-3B)

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PROFESSIONAL GEOPHYSICIST
JAMES EARNEST SAGE WAGNER III
No. 1109
STATE OF CALIFORNIA

SITE OVERVIEW MAP
GEOPHYSICAL INVESTIGATION
451 EL CAMINO REAL

LOCATION: SANTA CLARA, CALIFORNIA
CLIENT: CORNERSTONE EARTH GROUP

JOB #. NS247013	DATE: MAY 2024	PLATE 1
DRAWN BY: H.PHILSON	APPROVED BY: JSW	

J. Sage Wagner 5/14/2024



LEGEND	
— —	LIMITS OF GEOPHYSICAL SURVEY
— — —	LIMITS OF MAGNETIC SURVEY
(AC)	ASPHALT
(RC)	REINFORCED CONCRETE

SCALE

0 10 20 40

(1 inch = 20 feet)

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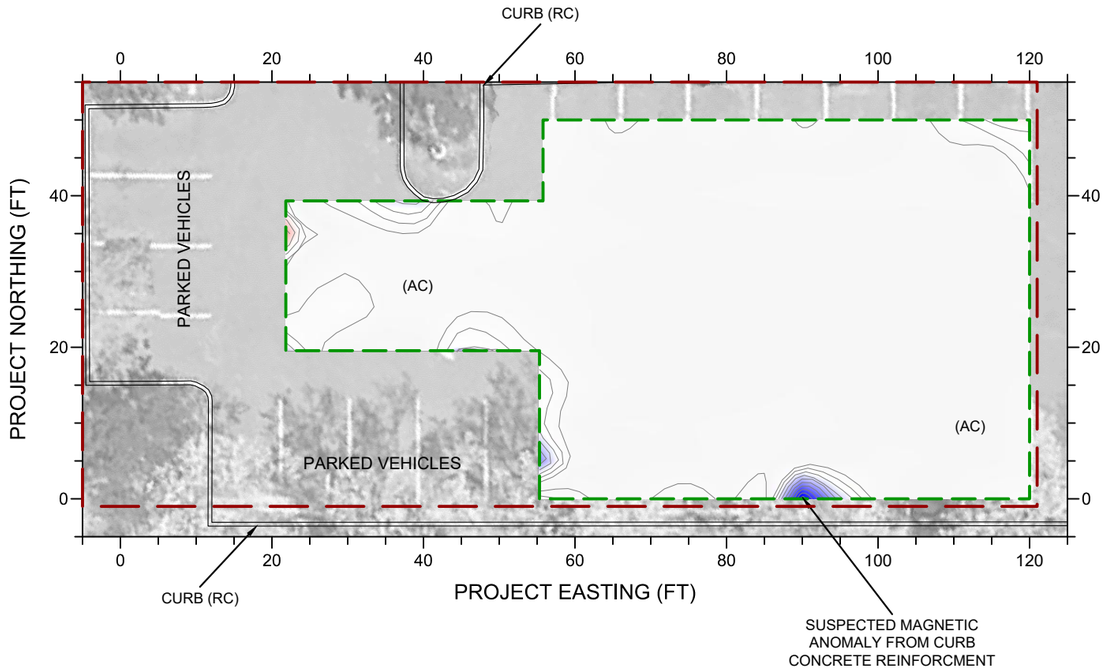
GEOPHYSICAL RESULTS MAP – SITE A
GEOPHYSICAL INVESTIGATION
451 EL CAMINO REAL

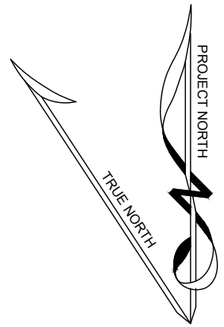
LOCATION: SANTA CLARA, CALIFORNIA

CLIENT: CORNERSTONE EARTH GROUP

JOB #. NS247013	DATE: MAY 2024	PLATE
DRAWN BY: H.PHILSON	APPROVED BY: JSW	2A

J. Sage Wagner 5/14/2024





LEGEND

— —	LIMITS OF GEOPHYSICAL SURVEY
— — —	LIMITS OF MAGNETIC SURVEY
0	VERTICAL MAGNETIC GRADIENT CONTOUR (CONTOUR INTERVAL = 100 nT/m)
(AC)	ASPHALT
(RC)	REINFORCED CONCRETE

SCALE

0 10 20 40

(1 inch = 20 feet)

VERTICAL MAGNETIC GRADIENT (nT/m)

-1000 -800 -600 -400 -200 0 200 400 600 800 1000

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MAGNETIC CONTOUR MAP – SITE A
GEOPHYSICAL INVESTIGATION
451 EL CAMINO REAL

LOCATION: SANTA CLARA, CALIFORNIA

CLIENT: CORNERSTONE EARTH GROUP

JOB #. NS247013 | DATE: MAY 2024

DRAWN BY: H.PHILSON | APPROVED BY: JSW

J. Sage Wagner 5/14/2024

PLATE 2B



LEGEND	
— —	LIMITS OF GEOPHYSICAL SURVEY
— — —	LIMITS OF MAGNETIC SURVEY
— —UU— —	POSSIBLE UNDIFFERENTIATED UTILITY LINE
———?	UTILITY LINE NOT DETECTED BEYOND LOCATION (LINE MAY TERMINATE OR CONTINUE)
(AC)	ASPHALT
(RC)	REINFORCED CONCRETE

SCALE

0 10 20 40

(1 inch = 20 feet)

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GEOPHYSICAL RESULTS MAP – SITE B
GEOPHYSICAL INVESTIGATION
451 EL CAMINO REAL

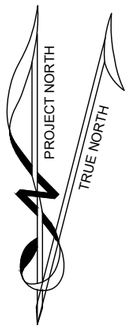
LOCATION: SANTA CLARA, CALIFORNIA

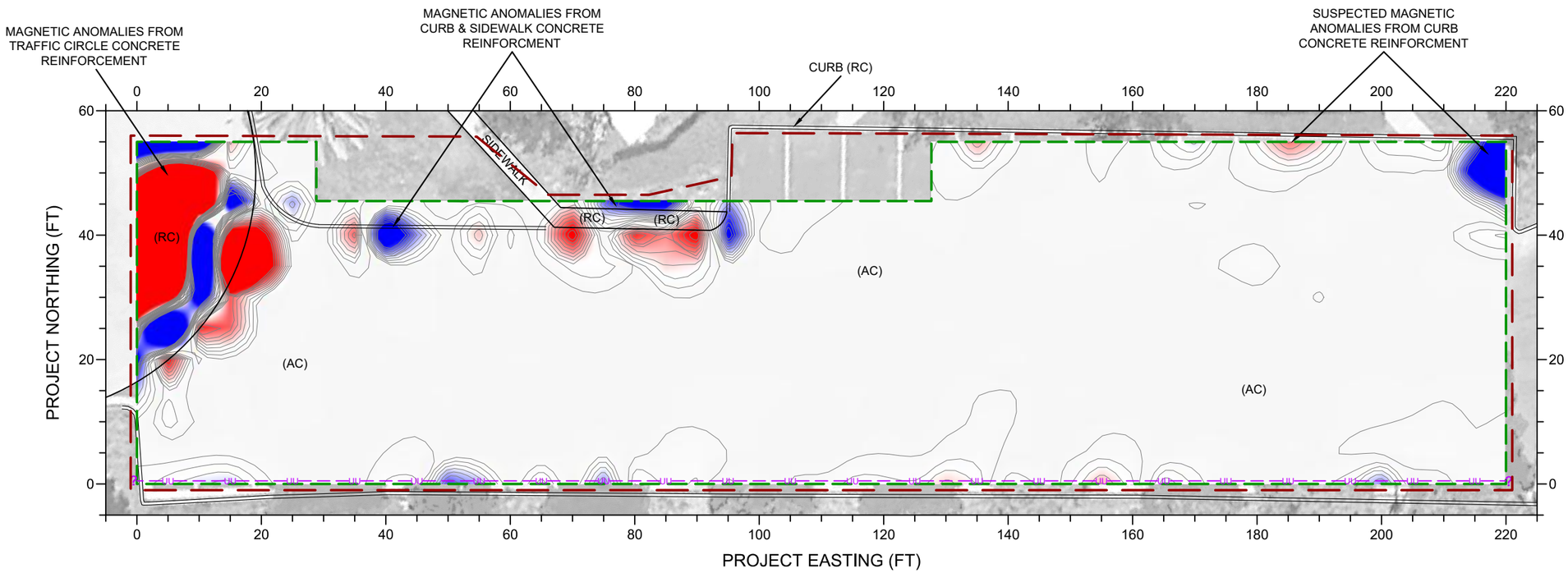
CLIENT: CORNERSTONE EARTH GROUP

JOB #. NS247013	DATE: MAY 2024
DRAWN BY: H.PHILSON	APPROVED BY: JSW

J. Sage Wagner 5/14/2024

PLATE 3A





LEGEND

— —	LIMITS OF GEOPHYSICAL SURVEY
— — —	LIMITS OF MAGNETIC SURVEY
0	VERTICAL MAGNETIC GRADIENT CONTOUR (CONTOUR INTERVAL = 100 nT/m)
UU	POSSIBLE UNDIFFERENTIATED UTILITY LINE
——?	UTILITY LINE NOT DETECTED BEYOND LOCATION (LINE MAY TERMINATE OR CONTINUE)
(AC)	ASPHALT
(RC)	REINFORCED CONCRETE

SCALE
0 10 20 40
(1 inch = 20 feet)

VERTICAL MAGNETIC GRADIENT (nT/m)
-1000 -800 -600 -400 -200 0 200 400 600 800 1000

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MAGNETIC CONTOUR MAP – SITE B
GEOPHYSICAL INVESTIGATION
451 EL CAMINO REAL

LOCATION: SANTA CLARA, CALIFORNIA
CLIENT: CORNERSTONE EARTH GROUP
JOB #. NS247013 | DATE: MAY 2024
DRAWN BY: H.PHILSON | APPROVED BY: JSW
J. Sage Wagner 5/14/2024

PLATE 3B

APPENDIX A – Geophysical Methods

Magnetometer (MAG) Survey
Metal Detection (MD)
Ground Penetrating Radar (GPR)

1.0 MAGNETOMETER (MAG) SURVEY

1.1 METHODOLOGY

A magnetometer measures variation in the earth's magnetic field. Localized variations can be caused by geologic features or by buried ferrous objects such as underground storage tanks, drums, utilities, etc. Early magnetometers used a single sensor that measured the total intensity of the earth's magnetic field. These are referred to as total field magnetic (MAG) measurements. Modern magnetometers may employ two sensors that simultaneously record MAG data at two locations. Depending on the orientation of the sensors, these data can then be used to determine the vertical or horizontal gradient (VMG, HMG) of the earth's magnetic field. Ultimately, the decision whether to use total field or gradient data depends on the target of the investigation and the measured magnetic data. Based on these factors, a MAG survey was selected for this investigation.



1.2 DATA ACQUISITION

NORCAL conducted the MAG survey using a Geometrics ***G858-G*** magnetic gradiometer. This instrument is based on cesium vapor optical pump technology. It is an order of magnitude more sensitive than proton precession magnetometers and can measure the earth's magnetic field at a rate of ten times per second. The ***G858-G*** consists of a control console and two optical pump sensors mounted on an aluminum staff. The console features a built-in memory that stores the readings from both sensors, the computed vertical magnetic gradient (VMG) between the two sensors, and the survey grid information. The photo at left shows the VMG in use.

1.3 DATA ANALYSIS

Upon completion of the MAG survey we downloaded the magnetic data using the computer program ***MagMap2000*** by Geometrics of San Jose, California. We also used this software to edit and filter the data and format them for graphics processing. We then used the computer program ***Surfer 16.0***, by Golden Software, to contour and plot the VMG data from the top sensor.

1.4 LIMITATIONS

Typically, only buried objects containing ferrous metal can be detected using a magnetometer. The detection capabilities of a magnetometer are directly proportional to the volume of ferrous metal the object contains and inversely proportional to its depth of burial. Consequently, the

deeper an object is buried, the larger it must be in order to be detected. Even buried objects with the proper composition that lie within the depth of investigation of the magnetometer may not be detected if their signatures are masked by overlying metal objects or surface structures.

2.0 METAL DETECTION (MD)

2.1 METHODOLOGY

The metal detection method is used to detect buried metal objects such as pipelines, utilities, underground storage tanks, buried drums, rebar, manhole covers, and metallic debris. We conducted the MD survey using a Fisher TW-6 “M-Scope”. This instrument consists of a transmitter and a receiver that are mounted at opposite ends of a 5-ft long aluminum staff. The transmitter unit emits a time varying electromagnetic signal (primary field) as the instrument is carried along a traverse at hip level. The primary field induces current flow in nearby metallic objects which then radiate a secondary field that is detected by the receiver unit. The strength of the secondary field is directly proportional to the size of the metallic object and inversely proportional to the distance of the object from the receiver.

2.2 FIELD OPERATION

The M-Scope was used to further characterize anomalous areas defined by the MAG and TC surveys. Consequently, we did not cover the entire area of investigation with the device. In areas where we did use the M-Scope, we carried it at hip level as we moved at a slow walking pace along lines that transected selected TC and VMG anomalies. In the presence of a metallic object the unit would emit a high frequency tone that would peak when the M-Scope was directly above the object.

2.3 DATA ANALYSIS

The M-Scope does not record the strength of the secondary field it detects. Consequently, there were no data to analyze. Instead, we relied on the audio output of the unit to map the locations of buried metal objects in real time. We then marked the locations of the detected objects on the ground surface with marking paint. Following the MD survey, we recorded the locations of all MD anomalies with a Trimble GPS for incorporation into our Geophysical Survey Map.

2.4 LIMITATIONS

The detection of underground utilities and other buried objects is dependent upon the composition and construction of the utility or object, as well as its depth. Items detectable with the electromagnetic metal detector include pipelines, underground storage tanks, drums and debris that are electrically conductive. Typically, items buried deeper than about five to seven feet may not be detected. Also, items that are within the sphere of influence of shallower buried targets or surface objects may be masked by the fields given off by those objects and thus not detected.

3.0 GROUND PENETRATING RADAR (GPR)

3.1 GPR METHODOLOGY

Ground penetrating radar is a method that provides a continuous, high resolution graphical cross-section depicting variations in the electrical properties of the shallow subsurface. The method involves repeatedly radiating an electromagnetic pulse (radar signal) into the ground from a transducer (antenna) as it is moved along a traverse. Radar signals reflected by subsurface objects or horizons are detected by an antenna (usually the same one used to generate the signal) and sent to a control unit for processing. The control unit then converts the varying amplitude of the reflected radar signals as a function of time into a cross-sectional image showing signal amplitude as a function of distance and two-way travel time.

GPR response is governed by two electrical properties; electrical conductivity (σ) and dielectric permittivity (ϵ), also referred to as dielectric constant. Electrical conductivity is the ability of a material to conduct a charge when an electromagnetic field is applied. Dielectric permittivity is the ability of a material to hold a charge when an electromagnetic field is applied. Electrical conductivity governs how far radar signals can propagate through the subsurface before becoming undetectable. The higher the conductivity, the faster the signal attenuates. Consequently, conductivity also affects the strength of radar signals that are reflected from subsurface boundaries. Contrasts in electrical permittivity affect how much of the radar signal is reflected at subsurface boundaries representing a change in permittivity. The greater the contrast, the more energy that is reflected.

Most earthen materials (soil and rock) and even artificial materials (e.g. concrete) have relatively low dielectric permittivity and, therefore, are relatively transparent to electromagnetic energy. This means that only a portion of the radar signal incident upon a subsurface boundary is reflected to the surface. On the other hand, when the radar signal encounters an object composed of a material that has very high permittivity, such as buried metal, most of the incident energy is reflected.

3.2 INSTRUMENTATION

We performed the GPR surveys using a Geophysical Survey Systems, Inc. ***SIR-4000*** Subsurface Interface Radar System equipped with a 350 MHz antenna. The system control console and the antenna were inter-connected by a telemetry cable and mounted on a three-wheel cart. The control console included a color display that made it possible to observe the detected radar signals in real time as the survey progressed. The cart facilitated moving the system along designated traverses. A transducer attached to the left-rear wheel of the cart measured the distance along each traverse and synchronized data acquisition in real-time. This system is state-of-the-art and provides optimal resolution and depth penetration needed for characterizing the upper five to eight feet of the subsurface.

3.3 DATA ACQUISITION

The GPR was used to further characterize anomalous areas defined by the MAG and TC surveys. Consequently, we did not cover the entire area of investigation with the device and data were not recorded. Traverses of various lengths and orientations were conducted to further characterize the anomalous locations. During operation, the GPR data displayed reflection images on the systems built-in color LCD. These images were examined in real time for reflection patterns characteristic of burial debris. We then marked the locations of the detected objects on the ground surface with marking paint and plotted their locations and hand drawn to-scale field maps. Following the GPR survey, we recorded the locations of all GPR anomalies with a Trimble GPS for incorporation into our Geophysical Survey Map.

3.4 LIMITATIONS

The detection of underground objects with GPR is dependent upon their size, depth, composition and construction. Objects that are too small or that do not present a significant contrast in electrical permittivity will not be detected. Also, objects that are buried below the GPR depth of investigation will not be detected. However, their excavations may be discernible. Even objects within the GPR depth of investigation may not be detected if their signal is masked by overlying objects or reflecting horizons.

CORNERSTONE EARTH GROUP

APPENDIX B – EXPLORATORY BORING LOGS AND FIELD SAMPLING NOTES

BORING NUMBER SS-1

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 68 FT +/- **BORING DEPTH** 3 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.350955° **LONGITUDE** -121.932158°
DRILLING METHOD Hand Auger **GROUND WATER LEVELS:**
LOGGED BY BTM **AT TIME OF DRILLING** Not Encountered
NOTES **AT END OF DRILLING** Not Encountered

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

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
68.0	0.0		3 inches asphalt concrete over 3 inches aggregate base							
67.8										
67.5			**Clay with Sand (CL-CH) [Fill]** moist, dark gray, fine to medium sand, fine gravel			x	100			
	2.5					x				
65.0			Practical refusal of Hand Auger at 3 feet. Bottom of Boring at 3.0 feet.							
	5.0									
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

CORNERSTONE GE LOG DEC192007 - CORNERSTONE 0812.GDT - 3/29/24 14:57 - P:\DRAFTING\GINT FILES\285-2-1 451-477 ECR GE SV.GPJ

BORING NUMBER SS-2

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 68 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351166° **LONGITUDE** -121.932584°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **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
68.0	0.0		3 inches asphalt concrete over 3 inches aggregate base							
67.8										
67.5			**Clay (CL-CH) [Fill]** moist, dark brown, trace fine gravel			x		0.0		
66.2			**Clayey Sand (SC) [Fill]** moist, brown, fine to medium sand					0.0		
	2.5						90			
								4.2		
64.5			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand			x		0.0		
63.7										
63.0	5.0		**Clayey Sand (SC)** moist, brown, fine to coarse sand, trace fine gravel							
			Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

CORNERSTONE GE LOG DEC192007 - CORNERSTONE 0812.GDT - 3/29/24 14:57 - P:\DRAFTING\GINT FILES\285-2-1 451-477 ECR GE SV.GPJ

BORING NUMBER SS-3

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED _____ **DATE COMPLETED** _____
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351660° **LONGITUDE** -121.933557°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **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
67.0	0.0		3 inches asphalt concrete over 3 inches aggregate base			x		0.0		
66.8										
66.5			**Clay with Sand (CL) [Fill]** moist, brown, fine sand, trace fine gravel					0.0		
65.5			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand			x	70	0.0		
	2.5									
62.0	5.0		Bottom of Boring at 5.0 feet.					0.0		
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

CORNERSTONE GE LOG DEC192007 - CORNERSTONE 0812.GDT - 3/29/24 14:57 - P:\DRAFTING\GINT FILES\285-2-1 451-477 EOR GE SV.GPJ

BORING NUMBER SS-4

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 68 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.352046° **LONGITUDE** -121.934314°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **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
68.0	0.0		3 inches asphalt concrete over 3 inches aggregate base							
67.8										
67.3			**Clay (CL-CH)** moist, dark gray			x		0.0		
66.0	2.5		**Clayey Sand (SC)** moist, grayish brown, fine to coarse sand, some fine gravel				60	0.0 0.0		
63.0	5.0		Bottom of Boring at 5.0 feet.			x				
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

CORNERSTONE GE LOG DEC192007 - CORNERSTONE 0812.GDT - 3/29/24 14:57 - P:\DRAFTING\GINT FILES\285-2-1 451-477 EOR GE SV.GPJ

BORING NUMBER SS-5

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351956° **LONGITUDE** -121.934663°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **AT TIME OF DRILLING** 9 ft.
NOTES ▼ **AT END OF DRILLING** 14 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
67.0	0.0		3 inches asphalt concrete over 3 inches aggregate base					0.0		
66.8										
66.3			**Clay with Sand (CL-CH) [Fill]** moist, dark brown, fine to coarse sand, trace fine gravel					0.0.		
	2.5					x	90	4.2		
64.0			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
62.5	5.0		**Clay (CL-CH)** moist, dark gray					0.0		
								0.0		
								0.0		
59.5	7.5		**Sandy Clay (CL)** moist, brown, fine sand				60	0.0		
			becomes wet at 9 feet							
57.0	10.0		**Sandy Clay (CL)** wet, greenish gray					0.0		
								0.0		
	12.5						50	0.0		
53.0			**Clay (CL)** moist, gray							
52.0	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER SS-6

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore
LATITUDE 37.351841° **LONGITUDE** -121.934752°
DRILLING METHOD Geoprobe 7728DT
GROUND WATER LEVELS:
LOGGED BY BTM
▽ **AT TIME OF DRILLING** 9 ft.
NOTES
▼ **AT END OF DRILLING** 14 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
67.0	0.0		3 inches asphalt concrete							
66.8			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.9		
						x		0.0		
	2.5						80	0.0		
								0.0		
	5.0									
61.5			**Clay (CL-CH)** moist, dark gray					0.0		
60.5			**Sandy Clay (CL)** moist, brown to grayish brown, fine to coarse sand					0.0		
	7.5						70	0.0		
			becomes wet at 9 feet					0.0		
	10.0									
								0.0		
	12.5						60	0.0		
								0.0		
53.0			**Clay (CL)** moist, gray							
52.0	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER SS-7

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351768° **LONGITUDE** -121.935310°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **AT TIME OF DRILLING** Not Encountered
NOTES ▼ **AT END OF DRILLING** Not Encountered

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ELEVATION (ft)	DEPTH (ft)	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
67.0	0.0	3 inches asphalt concrete over 3 inches aggregate base							
66.8									
66.5									
66.0		**Sandy Clay (CL-CH) [Fill]** moist, dark brown					0.0		
		Clay (CL-CH) moist, dark gray			x		0.7		
	2.5					80	0.1		
63.0		**Clay with Sand (CL)** moist, grayish brown, fine sand					0.3		
	5.0						0.0		
							0.0		
	7.5					60	0.0		
58.0		**Sandy Clay (CL)** moist, brown with dark gray mottles, fine sand							
	10.0								
56.0		**Clay (CL)** moist, grayish brown, some fine sand					0.0		
							0.0		
	12.5					60	0.0		
52.0	15.0	Bottom of Boring at 15.0 feet.							
	17.5								

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BORING NUMBER SS-8

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351639° **LONGITUDE** -121.935044°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **AT TIME OF DRILLING** 8 ft.
NOTES ▼ **AT END OF DRILLING** 9 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
67.0	0.0		3 inches asphalt concrete over 6 inches aggregate base							
66.8										
66.3			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
								0.0		
	2.5						80			
								0.0		
						x				
63.0			**Clay (CL-CH)** moist, dark gray					0.0		
62.0	5.0		**Clay (CL)** moist, brown							
61.0			**Sandy Clay (CL)** moist, brown, fine sand					0.0		
								0.0		
	7.5						60			
			becomes wet at 8 feet					0.0		
	10.0									
								0.0		
								0.0		
	12.5						60			
54.0			**Clay (CL)** moist, gray					0.0		
52.0	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER SS-9

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351449° **LONGITUDE** -121.934664°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **AT TIME OF DRILLING** 8 ft.
NOTES ▼ **AT END OF DRILLING** 9 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
67.0	0.0		3 inches asphalt concrete over 6 inches aggregate base					0.0		
66.8										
66.3			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
	2.5					x	90	0.0		
63.0			**Clay (CL-CH)** moist, dark gray					0.0		
	5.0							0.0		
								0.0		
	7.5						70	0.0		
59.0			**Sandy Clay (CL)** moist to wet, grayish brown, fine to coarse sand							
	10.0							0.0		
								0.0		
	12.5						80	0.0		
53.0			**Clay (CL)** moist, dark gray					0.0		
52.0	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER SS-10

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351408° **LONGITUDE** -121.935054°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **AT TIME OF DRILLING** 6 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
67.0	0.0		3 inches asphalt concrete over 6 inches aggregate base							
66.8										
66.3			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
								0.0		
	2.5						80	0.4		
						x		0.0		
62.5	5.0		**Clay (CL-CH)** moist, dark gray							
61.0			**Sandy Clay (CL)** moist to wet, grayish brown, fine to coarse sand					0.0		
								0.0		
	7.5						60	0.0		
	10.0									
								0.0		
								0.0		
54.5	12.5		**Clay (CL)** moist, gray				70			
								0.0		
								0.0		
52.0	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER SS-11

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED _____ **DATE COMPLETED** _____
GROUND ELEVATION 68 FT +/- **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351607° **LONGITUDE** -121.935571°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **AT TIME OF DRILLING** 8 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
68.0	0.0		3 inches asphalt concrete over 6 inches aggregate base							
67.8										
67.3			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.4		
						x		0.3		
	2.5						70	0.0		
64.0			**Clay (CL-CH)** moist, dark gray					0.0		
63.0	5.0		**Sandy Clay (CL)** moist to wet, grayish brown, fine to coarse sand					0.0		
								0.0		
	7.5		▽				70	0.0		
								0.0		
	10.0							0.0		
								0.0		
	12.5		▼				70	0.0		
55.0			**Clay (CL)** moist, gray					0.0		
53.0	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER SS-12

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 69 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351412° **LONGITUDE** -121.936284°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM **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
69.0	0.0		**Sandy Clay (CL) [Fill]** moist, brown, fine to coarse sand			x		1.9		
67.0	2.5		**Clayey Sand (SC) [Fill]** moist, greenish gray, fine to coarse sand, fine gravel				80	0.0		
66.0			**Clay (CL-CH)** moist, dark gray					0.6		
65.0			**Clay (CL)** moist, gray, fine sand			x		5.2		
64.0	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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BORING NUMBER SS-13

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 69 FT +/- **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore
LATITUDE 37.351202° **LONGITUDE** -121.935872°
DRILLING METHOD Geoprobe 7728DT
GROUND WATER LEVELS:
LOGGED BY BTM
▽ **AT TIME OF DRILLING** 14 ft.
NOTES
▼ **AT END OF DRILLING** 14 ft.

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ELEVATION (ft)	DEPTH (ft)	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
69.0	0.0	**Clay with Sand (CL-CH) [Fill]** moist, brown, fine to coarse sand, some fine gravel					0.0		
67.5		**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
	2.5					90	0.0		
66.0		**Clay (CL-CH)** moist, dark gray			x		0.0		
							0.0		
64.0	5.0	**Clay (CL-CH)** moist, gray							
63.5		**Sandy Clay (CL)** moist, brown to grayish brown, fine sand					0.0		
							0.0		
	7.5					80	0.0		
							0.0		
							0.0		
	10.0								
							0.0		
							0.0		
	12.5					60			
55.8		**Poorly Graded Sand (SP)** wet, brown, fine to coarse sand					0.0		
55.0		**Clay (CL)** moist, gray							
54.0	15.0	Bottom of Boring at 15.0 feet.							
	17.5								

CORNERSTONE GE LOG DEC192007 - CORNERSTONE 0812.GDT - 3/29/24 14:58 - P:\DRAFTING\GINT FILES\285-2-1 451-477 ECR GE SV.GPJ

BORING NUMBER SS-14

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED _____ **DATE COMPLETED** _____
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.350859° **LONGITUDE** -121.935199°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **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
67.0	0.0		**Clay with Sand (CL-CH) [Fill]** moist, brown, fine to coarse sand, some fine gravel			x		0.0		
65.5										
65.0			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
	2.5						70			
			Clay (CL-CH) moist, dark gray					0.0		
						x				
62.0	5.0		Bottom of Boring at 5.0 feet.					0.0		
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

CORNERSTONE GE LOG DEC192007 - CORNERSTONE 0812.GDT - 3/29/24 14:58 - P:\DRAFTING\GINT FILES\285-2-1 451-477 EOR GE SV.GPJ

BORING NUMBER SV-1

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351966° **LONGITUDE** -121.934654°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM **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
67.0	0.0		3 inches asphalt concrete over 6 inches aggregate base							
66.8										
66.3			**Sandy Clay (CL-CH) [Fill]** moist, dark brown, fine to coarse sand, some fine gravel					0.0		
								0.0		
64.5	2.5		**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand				80	0.0		
								0.0		
62.5										
62.0	5.0		**Clay (CL-CH)** moist, dark gray							
			Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

CORNERSTONE GE LOG DEC192007 - CORNERSTONE 0812.GDT - 3/29/24 14:58 - P:\DRAFTING\GINT FILES\285-2-1 451-477 ECR GE SV.GPJ

BORING NUMBER SV-2

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351809° **LONGITUDE** -121.934780°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **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
67.0	0.0		3 inches asphalt concrete over 6 inches aggregate base							
66.8										
66.3			**Sandy Clay (CL-CH) [Fill]** moist, dark brown, fine to coarse sand, some fine gravel					0.0		
								0.0		
64.5	2.5		**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand				80	0.0		
								0.0		
62.0	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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BORING NUMBER SV-3

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED _____ **DATE COMPLETED** _____
GROUND ELEVATION 65 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351766° **LONGITUDE** -121.935292°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **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
65.0	0.0		3 inches asphalt concrete over 3 inches aggregate base					0.0		
64.8			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
64.5										
63.0	2.5		**Clay (CL-CH)** moist, dark gray				50			
60.0	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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BORING NUMBER SV-4

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351632° **LONGITUDE** -121.935025°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM **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
67.0	0.0		2 inches asphalt concrete over 6 inches aggregate base					0.0		
66.8										
66.3			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
	2.5						90	0.9		
63.5			**Clay (CL-CH)** moist, dark gray					0.0		
62.0	5.0		Bottom of Boring at 5.0 feet.					0.0		
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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BORING NUMBER SV-5

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 67 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351445° **LONGITUDE** -121.934649°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM **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
67.0	0.0		3 inches aggregate base over 6 inches aggregate base							
66.8										
66.3			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
								0.0		
	2.5						90			
								0.0		
								0.0		
62.5										
62.0	5.0		**Clay (CL-CH)** moist, dark gray							
			Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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BORING NUMBER SV-6

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED 3/19/24 **DATE COMPLETED** 3/19/24
GROUND ELEVATION 66 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351399° **LONGITUDE** -121.935030°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM **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
66.0	0.0		3 inches aggregate base over 6 inches aggregate base					0.0		
65.8										
65.3			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
	2.5						100	0.9		
								0.0		
62.0			**Clay (CL-CH)** moist, dark gray					0.0		
61.0	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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BORING NUMBER SV-7

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED _____ **DATE COMPLETED** _____
GROUND ELEVATION 68 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351607° **LONGITUDE** -121.935571°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **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
68.0	0.0		3 inches aggregate base over 6 inches aggregate base							
67.8										
67.3			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
								0.0		
	2.5						80			
								0.0		
64.5			**Clay (CL-CH)** moist, dark gray					0.8		
63.5			**Clay (CL)** moist, grayish brown, fine sand			x				
63.0	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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BORING NUMBER SV-8

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-1
PROJECT LOCATION Santa Clara, CA

DATE STARTED _____ **DATE COMPLETED** _____
GROUND ELEVATION 68 FT +/- **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351198° **LONGITUDE** -121.935874°
DRILLING METHOD Geoprobe 7728DT **GROUND WATER LEVELS:**
LOGGED BY BTM ▽ **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
68.0	0.0		**Clay with Sand (CL) [Fill]** moist, brown, fine sand					0.0		
66.5			**Clayey Gravel with Sand (GC) [Fill]** moist, grayish brown, fine gravel, fine to coarse sand					0.0		
	2.5						90			
65.0			**Clay (CL-CH)** moist, dark gray					0.0		
								0.0		
63.0	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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BORING NUMBER GW-1

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/9/24 **DATE COMPLETED** 5/9/24
GROUND ELEVATION _____ **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG ▽ **AT TIME OF DRILLING** 11 ft.
NOTES _____ ▼ **AT END OF DRILLING** 7 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
	0.0		2 inches asphalt concrete over 4 inches aggregate base							
			Clay with Sand (CL) [Re-worked Native] moist, gray, fine to coarse sand, some fine subrounded gravel			x		9.4		
								20.5		
	2.5						80			
								37		
								13.6		
			Well Graded Gravel with Silt (GW-GM) [Fill] recycled AB							
	5.0		**Clayey Sand with Gravel (SC) [Fill]** moist, gray, fine subangular gravel							
			Clay with Sand (CL-CH) [Native] moist, dark gray, fine sand			x		28		
								24		
▼	7.5						90			
								23.3		
								15		
			Clay with Sand (CL) moist, gray to brown, fine sand							
	10.0									
▽			becomes wet					3.8		
								2.3		
	12.5						50			
	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER GW-2

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/9/24 **DATE COMPLETED** 5/9/24
GROUND ELEVATION _____ **BORING DEPTH** 10 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG ▽ **AT TIME OF DRILLING** 5 ft.
NOTES _____ ▼ **AT END OF DRILLING** 4 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
	0.0		2 inches asphalt concrete over 6 inches aggregate base							
			Well Graded Gravel with Silt (GW-GM) [Fill] moist, dark gray, fine to coarse gravel, some coarse sand, possible recycled AB					30		
	2.5		**Sandy Clay with Gravel (CL) [Fill]** moist, dark brown, fine subangular gravel				70			
			Poorly Graded Sand with Clay and Gravel (SP-SC) [Fill] moist, brown, fine to coarse sand, fine gravel					16.5		
			Clay with Sand (CL) [Re-worked Native] moist, gray, fine to coarse sand, some fine subrounded gravel					4.8		
	5.0		**Clayey Sand with Gravel (SC) [Fill]** moist, brown, fine to coarse subangular to subrounded gravel					0.8		
			Well Graded Sand with Silt (SW-SM) wet, brown, fine to coarse sand, fine to coarse gravel							
	7.5						60			
			Clay with Sand (CL-CH) moist, brown, fine to coarse sand, some fine to coarse subangular gravel					0		
	10.0		Bottom of Boring at 10.0 feet.							
	12.5									
	15.0									
	17.5									

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BORING NUMBER GW-3

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/9/24 **DATE COMPLETED** 5/9/24
GROUND ELEVATION _____ **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** 8 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
	0.0		2 inches asphalt concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, dark gray, fine gravel					0		
			Silty Sand with Gravel (SM) [Fill] moist, light gray, fine to coarse subangular to subrounded gravel					24.9		
	2.5		**Clay with Sand (CL-CH) [Re-worked Native]** moist, dark gray, some fine subrounded gravel			x	80	3.4		
			Clayey Sand with Gravel (SC) [Fill] moist, brown, fine to coarse subangular to subrounded gravel					2.7		
	5.0		**Clay with Sand (CL-CH) [Re-worked Native]** moist, dark gray, some fine subrounded gravel			x				
			Clay with Sand (CL-CH) [Native] moist, dark gray, fine to coarse sand color changes to gray					12.8		
	7.5		**Silty Sand (SM)** moist, brown, fine sand				65	1.0		
								0.8		
	10.0							0.8		
	12.5		color changes to dark brown				60	0.4		
	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER GW-4

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/13/24 **DATE COMPLETED** 5/13/24
GROUND ELEVATION _____ **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG **AT TIME OF DRILLING** Not Encountered
NOTES _____ **AT END OF DRILLING** 4.7 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
	0.0		2 inches asphalt concrete over 4 inches aggregate base and 2 inches Sand							
			Clay with Sand (CL-CH) [Re-worked Native] moist, dark gray, fine to coarse sand, some subangular to subrounded gravel			x		55.9		
	2.5						65	4.6		
								2.6		
	5.0		**Clay with Sand (CL-CH) [Native]** moist, dark gray, fine sand			x				
								30.6		
								4.0		
	7.5		**Clay with Sand (CL)** moist, gray with brown mottles, fine sand				90	2.0		
			Clayey Sand (SC) moist, gray					1.4		
	10.0		**Clay with Sand (CL)** moist, gray, fine sand							
								2.0		
	12.5						60			
								1.6		
	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER GW-5

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/13/24 **DATE COMPLETED** 5/13/24
GROUND ELEVATION _____ **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** 4.9 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
	0.0		2 inches asphalt concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, dark gray, fine to coarse subangular gravel					3.7		
	2.5		**Clayey Sand with Gravel (SC) [Fill]** moist, yellowish brown, fine to coarse sand, fine to coarse gravel				90	5.0		
			Clay with Sand (CL-CH) [Re-worked Native] moist, dark gray, fine to coarse sand, some gravel					5.7		
	5.0		**Clay with Sand (CL-CH) [Native]** moist, dark gray, fine sand					0.6		
	7.5		**Sandy Clay (CL)** moist, gray, fine sand				50	0.7		
	10.0		**Clay with Sand (CL)** moist, gray, fine sand					6.6		
	12.5						80	9.7		
								5.4		
	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER GW-6

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/10/24 **DATE COMPLETED** 5/10/24
GROUND ELEVATION _____ **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** 6.9 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
	0.0		2 inches asphalt concrete							
			Clayey Sand with Gravel (SC) [Fill] moist, yellowish brown, fine to coarse sand, fine to coarse gravel			x		18		
			Sandy Clay with Gravel (CL) [Fill] moist, dark gray, fine sand, fine to to coarse subangular gravel					1.6		
	2.5		possible layer of crushed rock, 2.5 to 3 feet				90	0.7		
								0.1		
	5.0		**Clay with Sand (CL-CH) [Native]** moist, dark gray, fine sand			x				
								8.9		
			Clay (CL) moist, gray, some fine sand							
	7.5						80	2.3		
			Silty Clay with Sand (CL-ML) moist, brown, fine sand							
								0.2		
	10.0									
								0		
	12.5		color changes to gray				55	0		
	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER GW-7

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/10/24 **DATE COMPLETED** 5/10/24
GROUND ELEVATION _____ **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** 7.6 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
	0.0		2 inches asphalt concrete over 4 inches aggregate base and 2 inches Sand							
			Clay with Sand (CL-CH) [Re-worked Native] moist, dark gray, fine to coarse sand, some subangular to subrounded gravel					30		
	2.5		**Clay with Sand (CL-CH) [Native]** moist, dark gray, fine sand				80	28.5		
								30.6		
	5.0									
			Clay with Sand (CL) moist, gray to brown, fine sand					22		
	7.5						80	30.1		
								23.2		
	10.0		color changes to reddish brown							
	12.5		color changes to brown				60	15.2		
	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER GW-8

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/10/24 **DATE COMPLETED** 5/10/24
GROUND ELEVATION _____ **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG ▽ **AT TIME OF DRILLING** 8 ft.
NOTES _____ ▼ **AT END OF DRILLING** 8 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
	0.0		2 inches asphalt concrete over 6 inches aggregate base							
			Clay with Sand (CL-CH) [Re-worked Native] moist, dark gray, fine sand, some fine to coarse subangular to subrounded gravel					2.2		
	2.5		**Clayey Sand with Gravel (SC) [Fill]** moist, brown, fine to coarse sand, fine to coarse gravel			x	70	3.5		
								5.3		
	5.0		**Clay with Sand (CL-CH) [Native]** moist, dark gray, fine sand			x				
								4.2		
	7.5		**Poorly Graded Sand with Clay (SP-SC)** moist, brown, fine sand				80	3.5		
			Clay with Sand (CL) moist, brown to reddish brown, fine sand					2.7		
	10.0									
	12.5						40	1.9		
	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER GW-9

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/10/24 **DATE COMPLETED** 5/10/24
GROUND ELEVATION _____ **BORING DEPTH** 15 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** _____ **LONGITUDE** _____
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG ▽ **AT TIME OF DRILLING** Not Encountered
NOTES _____ ▼ **AT END OF DRILLING** 6.7 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
	0.0		4 inches asphalt concrete							
			Clay with Sand (CL-CH) [Re-worked Native] moist, dark gray, fine to coarse sand, some subangular to subrounded gravel			x		56		
	2.5						75	70		
			Clay with Sand (CL-CH) [Native] moist, dark gray, fine sand			x		43		
	5.0							22		
			Clay with Sand (CL) moist, gray, fine sand				80	14		
	7.5		color changes to reddish brown					30		
	10.0		**Clayey Sand (SC)** moist, brown, fine to medium sand					0.9		
	12.5		**Clay with Sand (CL-CH) [Native]** moist, brown, fine sand				55	1.1		
	15.0		Bottom of Boring at 15.0 feet.							
	17.5									

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BORING NUMBER SS-2-E

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/9/24 **DATE COMPLETED** 5/9/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351166° **LONGITUDE** -121.932584°
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG **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 asphalt concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse subangular gravel			x		29.9		
	2.5		**Clayey Sand with Gravel (SC) [Fill]** moist, yellowish brown, fine to coarse sand, fine gravel			x	75	9.1		
			Clay with Sand (CL-CH) [Re-worked Native] moist, brown, fine to coarse sand, some fine to coarse gravel increasing coarse gravel							
	5.0		**Clayey Gravel with Sand (GC) [Re-worked Native]** moist, gray, fine to coarse subangular gravel			x		3.7		
			Clay with Sand (CL-CH) [Native] moist, dark gray, fine sand							
			Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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BORING NUMBER SS-2-N

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/9/24 **DATE COMPLETED** 5/9/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351166° **LONGITUDE** -121.932584°
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG **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 asphalt concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse subangular gravel			x		100		
	2.5		**Clayey Sand with Gravel (SC) [Fill]** moist, yellowish brown, fine to coarse sand, fine gravel			x	75	38.8		
			Clay with Sand (CL-CH) [Re-worked Native] moist, brown, fine to coarse sand, some fine to coarse gravel			x		5.6		
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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BORING NUMBER SS-2-S

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/9/24 **DATE COMPLETED** 5/9/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351166° **LONGITUDE** -121.932584°
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG **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 asphalt concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse subangular gravel			x		37.5		
	2.5		**Clayey Sand with Gravel (SC) [Fill]** moist, yellowish brown, fine to coarse sand, fine gravel			x	65	19.6		
			Clay with Sand (CL-CH) [Re-worked Native] moist, brown, fine to coarse sand, some subangular gravel							
			Clayey Sand with Gravel (SC) [Fill] moist, bluish gray, fine to coarse sand, fine to coarse gravel			x				
	5.0		Bottom of Boring at 5.0 feet.							
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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BORING NUMBER SS-2-W

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/9/24 **DATE COMPLETED** 5/9/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore **LATITUDE** 37.351166° **LONGITUDE** -121.932584°
DRILLING METHOD Geoprobe 6610DT **GROUND WATER LEVELS:**
LOGGED BY HCG **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 asphalt concrete							
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse subangular gravel			x		21.4		
			Clayey Sand with Gravel (SC) [Fill] moist, yellowish brown, fine gravel					108		
	2.5		**Clay with Gravel (CL-CH) [Re-worked Native]** moist, brown, fine to coarse subangular gravel			x	80	8.5		
								1.7		
	5.0		Bottom of Boring at 5.0 feet.			x				
	7.5									
	10.0									
	12.5									
	15.0									
	17.5									

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Soil Vapor Probe SV-9

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/10/24 **DATE COMPLETED** 5/10/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 6610DT
GROUND WATER LEVELS:
LOGGED BY HCG
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		2 inches asphalt concrete over 4 inches aggregate base				0.25" diameter stainless teflon tubing with Swagelock tube cap
			Clay with Sand (CL-CH) [Re-worked Native] moist, dark gray, fine to coarse sand, some subangular to subrounded gravel		2.1		Hydrated Bentonite 0-3.0'
	2.5		**Well Graded Sand with Clay and Gravel (SW-SC) [Fill]** moist, brown, subangular to subrounded gravel	85	1.9		2.25" Diameter borehole to 5'
			Clay with Sand (CL-CH) [Native] moist, dark gray, fine sand				Dry Bentonite 3.0-4.0'
	5.0				0.5		AMS Porous Tip at 4.9' in #3 Sand
			Bottom of Boring at 5.0 feet.				
	7.5						
	10.0						
	12.5						
	15.0						
	17.5						

CORNERSTONE GE WELL LOG - CORNERSTONE 0812.GDT - 5/23/24 10:40 - P:\DRAFTING\GINT FILES\285-2-3 451-475 ECR GE SV.GPJ

Soil Vapor Probe SV-10

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/10/24 **DATE COMPLETED** 5/10/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 6610DT
GROUND WATER LEVELS:
LOGGED BY HCG
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type / Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0.0		2 inches asphalt concrete over 4 inches aggregate base				0.25" diameter stainless teflon tubing with Swagelock tube cap
			Clay with Sand (CL-CH) [Re-worked Native] moist, dark gray, fine to coarse sand, some subangular to subrounded gravel		15.2		Hydrated Bentonite 0-3.0'
	2.5			75			2.25" Diameter borehole to 5'
			Sandy Clay with Gravel (CL) [Fill] moist, brown, fine to coarse subangular gravel		0.9		Dry Bentonite 3.0-4.0'
	5.0		**Poorly Graded Gravel with Clay and Sand (GP-GC) [Fill]** moist, gray, mostly crushed rock				AMS Porous Tip at 4.9' in #3 Sand
			Bottom of Boring at 5.0 feet.				
	7.5						
	10.0						
	12.5						
	15.0						
	17.5						

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Soil Vapor Probe SV-11

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/10/24 **DATE COMPLETED** 5/10/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 6610DT
GROUND WATER LEVELS:
LOGGED BY HCG
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0.0		2 inches asphalt concrete over 4 inches aggregate base			12.8		0.25" diameter stainless teflon tubing with Swagelock tube cap
			Clay with Sand (CL-CH) [Re-worked Native] moist, dark gray, fine to coarse sand, some subangular to subrounded gravel					Hydrated Bentonite 0-3.0'
	2.5				90	1.5		2.25" Diameter borehole to 5'
			Well Graded Gravel with Silt and Sand (GW-GM) [Fill] recycled AB					Dry Bentonite 3.0-4.0'
			Clay with Sand (CL-CH) [Native] moist, dark gray, fine sand			1.8		AMS Porous Tip at 4.9' in #3 Sand
	5.0		color changes to gray					
			Bottom of Boring at 5.0 feet.					
	7.5							
	10.0							
	12.5							
	15.0							
	17.5							

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Soil Vapor Probe SV-12

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/13/24 **DATE COMPLETED** 5/13/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 6610DT
GROUND WATER LEVELS:
LOGGED BY HCG
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		2 inches asphalt concrete				0.25" diameter stainless teflon tubing with Swagelock tube cap
			Sandy Clay with Gravel (CL) [Fill] moist, dark gray, fine to coarse sand, fine to coarse subangular gravel		5		
			Clayey Sand with Gravel (SC) [Fill] moist, yellowish brown, fine to coarse sand, fine to coarse subangular to subrounded gravel	100	14.9		Hydrated Bentonite 0-3.0'
	2.5				8.4		2.25" Diameter borehole to 5'
			Clay with Sand (CL-CH) [Fill] moist, dark gray, fine sand, some fine to coarse subangular gravel		7.5		Dry Bentonite 3.0-4.0'
	5.0		**Clay with Sand (CL-CH) [Native]** moist, dark gray, fine sand				AMS Porous Tip at 4.9' in #3 Sand
			Bottom of Boring at 5.0 feet.				
	7.5						
	10.0						
	12.5						
	15.0						
	17.5						

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Soil Vapor Probe SV-13

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/13/24 **DATE COMPLETED** 5/13/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 6610DT
GROUND WATER LEVELS:
LOGGED BY HCG
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0.0		2 inches asphalt concrete over 4 inches aggregate base and 2 inches Sand			120		0.25" diameter stainless teflon tubing with Swagelock tube cap
			Clay with Sand (CL-CH) [Re-worked Native] moist, dark gray, fine to coarse sand, some subangular to subrounded gravel		70	111.7		Hydrated Bentonite 0-3.0'
	2.5							2.25" Diameter borehole to 5'
								Dry Bentonite 3.0-4.0'
			Poorly Graded Sand with Gravel (SP) [Fill] moist, bluish gray, fine to coarse sand			40		
	5.0		**Clay with Sand (CL-CH) [Native]** moist, dark gray, fine sand					AMS Porous Tip at 4.9' in #3 Sand
			Bottom of Boring at 5.0 feet.					
	7.5							
	10.0							
	12.5							
	15.0							
	17.5							

CORNERSTONE GE WELL LOG - CORNERSTONE 0812.GDT - 5/23/24 10:41 - P:\DRAFTING\GINT FILES\285-2-3 451-475 ECR GE SV.GPJ

Soil Vapor Probe SV-14

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/9/24 **DATE COMPLETED** 5/9/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 6610DT
GROUND WATER LEVELS:
LOGGED BY HCG
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type / Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0.0		4 inches asphalt concrete				0.25" diameter stainless teflon tubing with Swagelock tube cap
			Sandy Clay with Gravel (CL) [Fill] moist, dark gray, fine to coarse sand, fine to coarse subangular gravel		2.0		Hydrated Bentonite 0-3.0'
	2.5		decreasing coarse sand	60			2.25" Diameter borehole to 5'
			Clayey Sand with Gravel (SC) [Fill] moist, bluish gray, fine to coarse sand, fine to coarse subangular gravel		0.4		Dry Bentonite 3.0-4.0'
	5.0		**Clay with Sand (CL-CH) [Native]** moist, dark gray, fine sand				AMS Porous Tip at 4.9' in #3 Sand
			Bottom of Boring at 5.0 feet.				
	7.5						
	10.0						
	12.5						
	15.0						
	17.5						

CORNERSTONE GE WELL LOG - CORNERSTONE 0812.GDT - 5/23/24 10:41 - P:\DRAFTING\GINT FILES\285-2-3 451-475 ECR GE SV.GPJ

Soil Vapor Probe SV-15

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/9/24 **DATE COMPLETED** 5/9/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 6610DT
GROUND WATER LEVELS:
LOGGED BY HCG
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type / Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0.0		2 inches asphalt concrete over 6 inches aggregate base		2.1		0.25" diameter stainless teflon tubing with Swagelock tube cap
			Sandy Clay with Gravel (CL) [Re-worked Native] moist, dark brown, fine to coarse subangular gravel				Hydrated Bentonite 0-3.0'
	2.5		**Clayey Sand with Gravel (SC) [Fill]** moist, brown, fine to coarse sand, fine to coarse subangular gravel	70	0.6		2.25" Diameter borehole to 5'
			Clay with Sand (CL-CH) [Re-worked Native] moist, dark gray, fine sand, trace fine subangular gravel				Dry Bentonite 3.0-4.0'
	5.0		Bottom of Boring at 5.0 feet.		0		AMS Porous Tip at 4.9' in #3 Sand
	7.5						
	10.0						
	12.5						
	15.0						
	17.5						

CORNERSTONE GE WELL LOG - CORNERSTONE 0812.GDT - 5/23/24 10:41 - P:\DRAFTING\GINT FILES\285-2-3 451-475 ECR GE SV.GPJ

Soil Vapor Probe SV-16

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/9/24 **DATE COMPLETED** 5/9/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 6610DT
GROUND WATER LEVELS:
LOGGED BY HCG
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type	Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0.0		2 inches asphalt concrete over 8 inches aggregate base					0.25" diameter stainless teflon tubing with Swagelock tube cap
			Clayey Sand with Gravel (SC) [Fill] moist, dark gray, fine to coarse subangular gravel			0.5		Hydrated Bentonite 0-3.0'
	2.5		**Clay with Sand (CL-CH) [Re-worked Native]** moist, gray, fine to coarse sand, fine to coarse subangular gravel		65	5.3		2.25" Diameter borehole to 5'
								Dry Bentonite 3.0-4.0'
	5.0		Bottom of Boring at 5.0 feet.					AMS Porous Tip at 4.9' in #3 Sand
	7.5							
	10.0							
	12.5							
	15.0							
	17.5							

CORNERSTONE GE WELL LOG - CORNERSTONE 0812.GDT - 5/23/24 10:41 - P:\DRAFTING\GINT FILES\285-2-3 451-475 ECR GE SV.GPJ

Soil Vapor Probe SV-17

CORNERSTONE EARTH GROUP

PROJECT NAME 451-475 El Camino Real
PROJECT NUMBER 285-2-3
PROJECT LOCATION Santa Clara, CA

DATE STARTED 5/9/24 **DATE COMPLETED** 5/9/24
GROUND ELEVATION _____ **BORING DEPTH** 5 ft.
DRILLING CONTRACTOR Penecore
BORING DIAMETER ft
DRILLING METHOD Geoprobe 6610DT
GROUND WATER LEVELS:
LOGGED BY HCG
AT TIME OF DRILLING Not Encountered
PERMIT NUMBER _____ **INSPECTOR** _____
AT END OF DRILLING Not Encountered

This log is a part of a report by Cornerstone Earth Group, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	Sample Type / Percent Recovery (%)	OVM Reading (ppm)	Odors or Discoloration	Well Details
	0.0		2 inches asphalt concrete over 6 inches aggregate base		45		0.25" diameter stainless teflon tubing with Swagelock tube cap
			Sandy Clay (CL-CH) [Re-worked Native] moist, dark gray, trace fine gravel				Hydrated Bentonite 0-3.0'
	2.5			80	65		2.25" Diameter borehole to 5'
			Gravelly Clay with Sand (CL-CH) [Re-worked Native] moist, dark gray, fine to coarse subangular to subrounded gravel, fine to coarse sand				Dry Bentonite 3.0-4.0'
					26.4		
	5.0		Bottom of Boring at 5.0 feet.				AMS Porous Tip at 4.9' in #3 Sand
	7.5						
	10.0						
	12.5						
	15.0						
	17.5						

CORNERSTONE GE WELL LOG - CORNERSTONE 0812.GDT - 5/23/24 10:41 - P:\DRAFTING\GINT FILES\285-2-3 451-475 ECR GE SV.GPJ

Soil Vapor/Sub-Slab Sampling Data Sheet

Project Number: CEG-262
Client: _____
Date: 4-5-24
Facility: _____
Sampler: Ross Tinline
Address: 471 El Camino Real
Weather: Cool

Location: SV-5
Note: All vacuum (Vac) readings in "Hg

Purge Calculation & Target Volume: Purge as previous or reduction of _____"Hg in 6L purge summa
1 ft sand = 280mL 1 ft dry = 337mL
∴ 3 pore volumes = 2050mL or reduction of 10.26"Hg in 6L purge 2' tubing incl. probe + manifold = 54mL

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	08:58	18.59	09:08	18.57		Held tight
Purge	09:11	29.43	10:33	19.17	17	Long purge.
Sampling	11:05	30	11:58	6	See below	

Measurements during sampling - Drops IPA in Shroud = 6

Time	1106	1107	1109	1110	1112	1114	1124	1128	1133	1139	1145	1151	1158 (END)
Vac	26	23	20	18	16	15	13	12	11	10	8	7	6
PID ppmv	4	17	23.3	25.6	45	16.3	26.5	31	34.2	34.6	30.4	24.2	18.6
Back Vac	7	07	9	10	10	10	9	9	8	7	5	4	3

Notes: or additional measurements
@ 9:20 turned purge can off @ 26.15"Hg with 15"Hg back vac. Vac kept decreasing slowly; restarted purge.

Location: SV-4

Purge Calculation & Target Volume: Purge as previous or reduction of 10.26"Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	09:24	20.65	09:40	20.66		
Purge	09:46	29.64	9:59	27.63	25	
Sampling	:		:		See below	

Measurements during sampling - Drops IPA in Shroud = _____

Time													
Vac			No Sample										
PID ppmv													
Back Vac													

Notes: or additional measurements
Vac stopped decreasing @ 27.63"Hg w 25"Hg back vac; turned purge can off & Vac reduced from 27.55" → 27.52"Hg after 1 minute insufficient flow to sample

Location: SV-2

Purge Calculation & Target Volume: Purge as previous or reduction of 10.26"Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	10:04	29.63	10:14	29.62		Held tight
Purge	10:14	27.63	10:28	17.37	<1	Completed.
Sampling	10:28	30	10:36	4	See below	

Measurements during sampling - Drops IPA in Shroud = 6

Time	1029	1030	1031	1033	1034	1035	1036 (END)						
Vac	26	22	18	14	10	7	4						
PID ppmv	1.7	5.2	7.0	9.1	8.4	10.5	8.5						
Back Vac	<1	<1	<1	<1	<1	<1	<1						

Notes: or additional measurements

SVC Environmental, Inc.
rosst@svcenv.com

Soil Vapor/Sub-Slab Sampling Data Sheet

Project Number: CEG-262
Client:
Date: 4-5-24
Facility:
Sampler: Ross Tinline
Address: 471 El Camino Real Santa Clara
Weather: Cool cloudy; gusty wind.

Location: SV-1

Note: All vacuum (Vac) readings in "Hg

Purge Calculation & Target Volume: Purge as previous or reduction of 10.2 "Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	10:48	19.83	10:58	19.87		Held tight.
Purge	11:00	18.41	11:15	8.15	<1	Completed
Sampling	12:09	30	12:14	4	See below	

Measurements during sampling - Drops IPA in Shroud = 4

Time	1210	1211	1212	1213	1214
Vac	20	17	13	10	4
PID ppmv	2.1	5.8	6.8	7.2	8.0
Back Vac	<1	<1	<1	<1	<1

Notes: or additional measurements

Location: SV-1R

Purge Calculation & Target Volume: Purge as previous or reduction of ____ "Hg in 6L purge summa

Setup sample replicate on AC Stem.

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	:		:			
Purge	:		:			
Sampling	12:16	30	12:21	4	See below	

Measurements during sampling - Drops IPA in Shroud = 4

Time	1217	1218	1219	1220	1221
Vac	20	17	14	10	4
PID ppmv	8.4	5.5	6.6	8.4	10.0
Back Vac	<1	<1	<1	<1	<1

Notes: or additional measurements

Location: SV-6

Purge Calculation & Target Volume: Purge as previous or reduction of 10.2 "Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	1312	19.40	13:22	19.83		Increased due to T&L.
Purge	1324	17.30	13:40	7.04	<1	Completed.
Sampling	13:41	30	13:48	4	See below	

Measurements during sampling - Drops IPA in Shroud = 4

Time	1342	1343	1344	1345	1346	1347	1348	END
Vac	24	21	18	14	10	7	4	
PID ppmv	2.8	6.8	7.4	9	11.3	9.2	9.8	
Back Vac	<1	<1	<1	<1	<1	<1	<1	

Notes: or additional measurements

SVC Environmental, Inc.
rosst@svcenv.com

Soil Vapor/Sub-Slab Sampling Data Sheet

Project Number: CEG-262
Client: _____ Date: 4-5-24
Facility: _____ Sampler: Ross Tinline
Address: 471 El Camino Real, Santa Clara. Weather: Cool.

Location: SV-7 Note: All vacuum (Vac) readings in "Hg

Purge Calculation & Target Volume: Purge as previous or reduction of 10.28 19.37 "Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	13:26	19.80	14:00	19.38		Held, light after changing manifold.
Purge	14:05	19.13	14:20	8.87	3	Completed
Sampling	14:25	30	14:31	4	See below	

Measurements during sampling - Drops IPA in Shroud = 4

Time	1426	1427	1428	1429	1430	1431	END
Vac	24	20	15	10	7	4	
PID ppmv	1.5 2.5	5.6	6.0 7.4	7.8 8.9	9.2 10.9	10.8 18.6	
Back Vac	2	2	2	2			

Notes: or additional measurements

→ 1L Shroud sample 29 end ← 7

Location: SV-8

Purge Calculation & Target Volume: Purge as previous or reduction of 10.26 "Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	14:36	19.37	14:46	19.40		Held tight
Purge	14:48	19.87	15:04	9.61	<1	Completed.
Sampling	15:09	29	15:15	5	See below	

Measurements during sampling - Drops IPA in Shroud = 4

Time	1510	1511	1512	1513	1514	1515
Vac	25	21	17	13	10	5
PID ppmv	2.3	5.9	7.6	8.2	8.5	9.8
Back Vac	<1	<1	<1	<1	<1	<1

Notes: or additional measurements

Location: SV-3

Purge Calculation & Target Volume: Purge as previous or reduction of 10.26 "Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	14:51	19.60	15:01	19.65		Held tight, increased due to T°C.
Purge	15:28	20.03	15:37	18.54	16	High back vac
Sampling	:		:		See below	

Measurements during sampling - Drops IPA in Shroud = _____

Time															
Vac															
PID ppmv															
Back Vac															

No sample

Notes: or additional measurements

Turned purge vac off @ -18.54 "Hg with 16" back vac. Vac decreased from -18.50 to 18.46 "Hg after 1 minute; insufficient flow to sample

Soil Vapor/Sub-Slab Sampling Data Sheet

Project Number: CEG-262
Client: _____
Date: 5/14/24
Facility: _____
Sampler: Ross Tinline
Address: 451-475 El Camino Real
Weather: Partly Cloudy.

Note: All vacuum (Vac) readings in "Hg unless noted

Location: SV-10 | Pressure Differentials: sub-slab/indoor: | indoor/outdoor:

Purge Calculation & Target Volume: 1' Sand = 289mL 1' Dry bentonite = 350mL
9' tubing including manifold = 9 x 6mL/ft = 54mL =
∴ 3 pore volumes = ~~822~~ 2052mL or reduction of 10.26"Hg in 6L purge can

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	07:40	20.44	07:50	20.52		Held tight
Purge	07:53	29.9	0827	19.6	#17	Completed (slow)
Sampling	08:40	30	9:05	17	See below	

Measurements during sampling - Drops IPA in Shroud = 5

Time	0841	0843	0844	0847	0851	0854	0856	0858	902	905	END	
Vac	27	23	20	19	19	18	18	17	17	17		
PID ppmv	18.2	8.5	8.3	6.8	8.4	6.6	3.0	2	1.5	1.2		
Back Vac	8	15	17	17	17	17	16	16	15	15		

#3

Notes: or additional measurements

Location: SV-9 | Pressure Differentials: sub-slab/indoor: | indoor/outdoor:

Purge Calculation & Target Volume: Purge as above or reduction of 10.26"Hg in 6L purge can.

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	08:00	20.29	08:10	20.34		Held tight
Purge	08:17	29.17	08:26	18.91	<1	Completed
Sampling	09:15	30	9:20	5	See below	

Measurements during sampling - Drops IPA in Shroud = 5

Time	916	917	918	919	920							
Vac	24	20	15	10	5							
PID ppmv	9.7	11	12.7	9.8	7.2							
Back Vac	2	<2	<2	<2	<2							

Notes: or additional measurements

Soil Vapor/Sub-Slab Sampling Data Sheet

Project Number: CEG-262
Client:
Facility: 451-475 El Camino Real
Address:
Date: 5/14/24
Sampler: Ross Tinline
Weather:

Location: SV-11

Note: All vacuum (Vac) readings in "Hg

Purge Calculation & Target Volume: Purge as previous or reduction of ____"Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	08:22	20.76	08:32	20.77		Held tight
Purge	08:35	19.75	08:42	18.01	17	
Sampling	:		:		See below	

Measurements during sampling - Drops IPA in Shroud = ____

Time															
Vac				No sample											
PID ppmv															
Back Vac															

Notes: or additional measurements

Turned purge can off and vac stayed @ 18.00"Hg for > 1 minute without decreasing; no flow

Location: SV-12

Purge Calculation & Target Volume: Purge as previous or reduction of ~~10.26~~ 19.43 "Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	~~08:38~~	~~20.55~~	:			
Purge	09:35	17.8	9:42	15.23	14	
Sampling	:		:		See below	

Measurements during sampling - Drops IPA in Shroud = ____

Time															
Vac				No sample											
PID ppmv															
Back Vac															

Notes: or additional measurements

Turned purge can off and vac decreased to 14.85"Hg and only dropped 0.01"Hg after 1 minute; no flow

Location: SV-14

Purge Calculation & Target Volume: Purge as previous or reduction of ~~10.26~~ 18.94 "Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	09:30	~~20.98~~	09:40	18.94		Held tight after changing controls
Purge	09:42	16.33	:		10	
Sampling	:		:		See below	

Measurements during sampling - Drops IPA in Shroud = ____

Time															
Vac				No sample											
PID ppmv															
Back Vac															

Notes: or additional measurements

@ 0945 water began entering purge tubing.

Soil Vapor/Sub-Slab Sampling Data Sheet

Project Number: CEG-262
Client: _____ Date: 5/16/24
Facility: _____ Sampler: Ross Tinline
Address: 451-475 El Camino Real, Santa Clara Weather: _____

Location: SV-15 Note: All vacuum (Vac) readings in "Hg

Purge Calculation & Target Volume: Purge as previous or reduction of 10.28 "Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	9:50	20.65	10:00	20.61		Held tight.
Purge	10:05	20.0	:	9.74	6	Completed.
Sampling	10:15	29	10:21	4	See below	

Measurements during sampling - Drops IPA in Shroud = 5

Time	1016	1017	1018	1019	1020	1021	END
Vac	24	18	15	11	8	4	
PID ppmv	2	4.3	4.9	5.7	7.4	4	
Back Vac	2	2	2	2	2	2	

Notes: or additional measurements

Location: SV-15 R

Purge Calculation & Target Volume: Purge as previous or reduction of ____ "Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	10:08	19.67	10:18	19.70		Held tight.
Purge	:		:			
Sampling	10:24	29	10:30	4	See below	

Measurements during sampling - Drops IPA in Shroud = 5

Time	1025	1026	1027	1028	1029	1030	END
Vac	24	20	16	12	9	4	
PID ppmv	1.6 2.8 5.6	4.8	7.0 7.8	7.7 7.2	6.4 5.9 5.7	5.4	
Back Vac	2	2	2	2	2	2	

Notes: or additional measurements

→ 1L Shroud Atm

Location: SV-16

Purge Calculation & Target Volume: Purge as previous or reduction of 10.26 "Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	10:35	20.97	10:45	20.98		Held tight.
Purge	10:45	20.50	10:58	10.24	<1	Completed.
Sampling	10:59	30	11:05	5	See below	

Measurements during sampling - Drops IPA in Shroud = 5

Time	1100	1101	1102	1103	1104	1105	END
Vac	26	22	17	12	8	5	
PID ppmv	10.5	10	9.3	8.5	7.2	8.0	
Back Vac	<2	<2	<2	<2	<2	<2	

Notes: or additional measurements

Soil Vapor/Sub-Slab Sampling Data Sheet

Project Number: CEG-262
Client:
Date: 5/16/24
Facility:
Sampler: Ross Tinline
Address: 451-475 El Camino Real
Weather:

Location: SV-17 — Note: All vacuum (Vac) readings in "Hg

Purge Calculation & Target Volume: Purge as previous or reduction of ____"Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	10:53	20.25	11:07	20.21		Held tight
Purge	11:16	20.68	:			
Sampling	:		:		See below	

Measurements during sampling - Drops IPA in Shroud = ____

Time																
Vac			No Sample													
PID ppmv																
Back Vac																

Notes: or additional measurements

Water immediately came up into tubing upon initiating purge.

Location: SV-13

Purge Calculation & Target Volume: Purge as previous or reduction of 10.2"Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	11:20	18.54	11:31	18.68		Held tight
Purge	11:33	20.58	:	18.28	13	
Sampling	:		:		See below	

Measurements during sampling - Drops IPA in Shroud = ____

Time																
Vac			No Sample													
PID ppmv																
Back Vac																

Notes: or additional measurements

Turned purge can off @ 1133. ; vac decreased from 18.20 → 18.18"Hg after 1 minutes insufficient flow to sample

Location:

Purge Calculation & Target Volume: Purge as previous or reduction of ____"Hg in 6L purge summa

	Start Time	Initial Vac	End Time	Final Vac	Back Vac	Notes: (Passed / completed / purge volume removed)
Vac Test	:		:			
Purge	:		:			
Sampling	:		:		See below	

Measurements during sampling - Drops IPA in Shroud = ____

Time																
Vac																
PID ppmv																
Back Vac																

Notes: or additional measurements

CORNERSTONE EARTH GROUP

APPENDIX C – LABORATORY ANALYTICAL RESULTS

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

RE: 451 ECR, Bixby

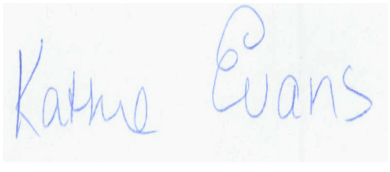
Work Order No.: 2403164

Dear Peter Langtry:

Torrent Laboratory, Inc. received 21 sample(s) on March 19, 2024 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

March 26, 2024
Date

Date: 3/26/2024

Client: Cornerstone Earth Group

Project: 451 ECR, Bixby

Work Order: 2403164

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.

Data is reported on a dry weight basis

Note: for 8260B/GCMS-GRO: Final result & MDL/PQL (Detection Limit/Reporting limit) have been corrected for actual mass removed from the Encore container.

Analytical Comments for method 8015B,2403164-004 MS/MSD, QC Preparation Batch ID 1159175, Note:The % recoveries for Diesel are outside of laboratory control limits but % RPD is within limits. The associated LCS/LCSD is within both % Recovery and % RPD limits. No corrective action required.

Analytical Comments for method 8015B,2403164-001 MS/MSD, QC Preparation Batch ID 1159280, Note:The % recoveries for Barium are outside of laboratory control limits but % RPD is within limits. The associated LCS/LCSD is within both % Recovery and % RPD limits. No corrective action required.

Analytical Comments for method 8015B,2403164-007 MS/MSD, QC Preparation Batch ID 1159285, Note:The % recoveries for Chromium and Nickel are outside of laboratory control limits but % RPDs arewithin limits. The associated LCS/LCSD is within both % Recovery and % RPD limits. No corrective action required.
The spikes in the MS/MSD for Barium are not recoverable. The sample concentration is greater than 4X the spike concentration. No corrective action is required.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-7(1-2) 2403164-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	21.0	%
Dry Weight Factor	D2216	1	1	1	1.21	%
Arsenic	SW6010B	1	0.18	1.57	2.74	mg/Kg
Barium	SW6010B	1	0.067	6.05	134	mg/Kg
Beryllium	SW6010B	1	0.067	6.05	0.545	mg/Kg
Cadmium	SW6010B	1	0.12	0.908	0.163	mg/Kg
Chromium	SW6010B	1	0.091	6.05	50.8	mg/Kg
Cobalt	SW6010B	1	0.085	6.05	9.26	mg/Kg
Copper	SW6010B	1	0.24	6.05	30.6	mg/Kg
Lead	SW6010B	1	0.12	3.63	9.32	mg/Kg
Molybdenum	SW6010B	1	0.061	6.05	0.248	mg/Kg
Nickel	SW6010B	1	0.61	6.05	57.0	mg/Kg
Vanadium	SW6010B	1	0.12	6.05	39.3	mg/Kg
Zinc	SW6010B	1	0.36	6.05	57.5	mg/Kg
Mercury	SW7471B	1	0.10	0.61	0.17	mg/Kg
TPH as Diesel	SW8015B	1	1.0	2.4	8.82	mg/Kg
TPH as Motor Oil	SW8015B	1	3.8	12	21.6	mg/Kg
Acetone	SW8260B	1	8.5	20.8	11.4	ug/Kg
Naphthalene	SW8270C	1	13	240	15.9	ug/Kg
Phenanthrene	SW8270C	1	11	240	22.0	ug/Kg
Fluoranthene	SW8270C	1	12	240	16.7	ug/Kg

SS-8(3-4) 2403164-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	12.5	%
Dry Weight Factor	D2216	1	1	1	1.13	%
Arsenic	SW6010B	1	0.17	1.47	4.94	mg/Kg
Barium	SW6010B	1	0.062	5.65	155	mg/Kg
Beryllium	SW6010B	1	0.062	5.65	0.379	mg/Kg
Cadmium	SW6010B	1	0.11	0.848	0.203	mg/Kg
Chromium	SW6010B	1	0.085	5.65	50.7	mg/Kg
Cobalt	SW6010B	1	0.079	5.65	10.1	mg/Kg
Copper	SW6010B	1	0.23	5.65	31.3	mg/Kg
Lead	SW6010B	1	0.11	3.39	13.8	mg/Kg
Molybdenum	SW6010B	1	0.057	5.65	0.712	mg/Kg
Nickel	SW6010B	1	0.57	5.65	58.8	mg/Kg
Vanadium	SW6010B	1	0.11	5.65	44.3	mg/Kg
Zinc	SW6010B	1	0.34	5.65	69.5	mg/Kg
TPH as Diesel	SW8015B	1	1.9	4.5	55.0	mg/Kg
TPH as Motor Oil	SW8015B	1	7.2	23	113	mg/Kg
4,4'-DDE	SW8081B	10	2.2	23	4.57	ug/Kg
Dieldrin	SW8081B	10	1.7	23	1.79	ug/Kg
Acetone	SW8260B	1	7.6	18.6	13.7	ug/Kg
Phenanthrene	SW8270C	2	21	450	25.8	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-9(2-3) 2403164-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	11.0	%
Dry Weight Factor	D2216	1	1	1	1.11	%
Arsenic	SW6010B	1	0.17	1.44	5.88	mg/Kg
Barium	SW6010B	1	0.061	5.55	165	mg/Kg
Beryllium	SW6010B	1	0.061	5.55	0.422	mg/Kg
Chromium	SW6010B	1	0.083	5.55	74.9	mg/Kg
Cobalt	SW6010B	1	0.078	5.55	14.4	mg/Kg
Copper	SW6010B	1	0.22	5.55	46.2	mg/Kg
Lead	SW6010B	1	0.11	3.33	14.8	mg/Kg
Molybdenum	SW6010B	1	0.056	5.55	0.844	mg/Kg
Nickel	SW6010B	1	0.56	5.55	66.0	mg/Kg
Vanadium	SW6010B	1	0.11	5.55	59.9	mg/Kg
Zinc	SW6010B	1	0.33	5.55	70.5	mg/Kg
TPH as Diesel	SW8015B	2	3.8	8.9	73.6	mg/Kg
TPH as Motor Oil	SW8015B	2	14	44	232	mg/Kg
Aroclor1260	SW8082A	1	26.6	111	96.6	ug/Kg
Total PCB	SW8082A	1	26.6	111	96.6	ug/Kg
Acetone	SW8260B	1	7.7	19.0	10.7	ug/Kg

SS-10(3-4) 2403164-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	9.01	%
Dry Weight Factor	D2216	1	1	1	1.09	%
Moisture, Percent	D2216	1	0.050	0.050	9.01	%
Dry Weight Factor	D2216	1	1	1	1.09	%
Arsenic	SW6010B	1	0.16	1.42	3.38	mg/Kg
Barium	SW6010B	1	0.060	5.45	99.2	mg/Kg
Beryllium	SW6010B	1	0.060	5.45	0.349	mg/Kg
Cadmium	SW6010B	1	0.11	0.818	0.158	mg/Kg
Chromium	SW6010B	1	0.082	5.45	53.4	mg/Kg
Cobalt	SW6010B	1	0.076	5.45	22.1	mg/Kg
Copper	SW6010B	1	0.22	5.45	29.0	mg/Kg
Lead	SW6010B	1	0.11	3.27	10.4	mg/Kg
Molybdenum	SW6010B	1	0.055	5.45	0.692	mg/Kg
Nickel	SW6010B	1	0.55	5.45	302	mg/Kg
Vanadium	SW6010B	1	0.11	5.45	43.8	mg/Kg
Zinc	SW6010B	1	0.33	5.45	55.0	mg/Kg
TPH as Diesel	SW8015B	1	1.9	4.4	51.7	mg/Kg
TPH as Motor Oil	SW8015B	1	6.9	22	139	mg/Kg
Acetone	SW8260B	1	8.0	19.7	18.6	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-11(1-2) 2403164-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	15.8	%
Dry Weight Factor	D2216	1	1	1	1.16	%
Arsenic	SW6010B	1	0.17	1.51	4.88	mg/Kg
Barium	SW6010B	1	0.064	5.80	194	mg/Kg
Beryllium	SW6010B	1	0.064	5.80	0.452	mg/Kg
Cadmium	SW6010B	1	0.12	0.870	0.470	mg/Kg
Chromium	SW6010B	1	0.087	5.80	62.1	mg/Kg
Cobalt	SW6010B	1	0.081	5.80	13.9	mg/Kg
Copper	SW6010B	1	0.23	5.80	37.3	mg/Kg
Lead	SW6010B	1	0.12	3.48	14.2	mg/Kg
Molybdenum	SW6010B	1	0.058	5.80	1.04	mg/Kg
Nickel	SW6010B	1	0.58	5.80	74.2	mg/Kg
Vanadium	SW6010B	1	0.12	5.80	55.9	mg/Kg
Zinc	SW6010B	1	0.35	5.80	152	mg/Kg
TPH as Diesel	SW8015B	1	0.99	2.3	21.6	mg/Kg
TPH as Motor Oil	SW8015B	1	3.7	12	98.0	mg/Kg

SV-7(4-5) 2403164-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	20.6	%
Dry Weight Factor	D2216	1	1	1	1.21	%
Arsenic	SW6010B	1	0.18	1.57	4.36	mg/Kg
Barium	SW6010B	1	0.067	6.05	154	mg/Kg
Beryllium	SW6010B	1	0.067	6.05	0.508	mg/Kg
Cadmium	SW6010B	1	0.12	0.908	0.151	mg/Kg
Chromium	SW6010B	1	0.091	6.05	54.7	mg/Kg
Cobalt	SW6010B	1	0.085	6.05	8.71	mg/Kg
Copper	SW6010B	1	0.24	6.05	30.9	mg/Kg
Lead	SW6010B	1	0.12	3.63	6.17	mg/Kg
Molybdenum	SW6010B	1	0.061	6.05	0.309	mg/Kg
Nickel	SW6010B	1	0.61	6.05	57.1	mg/Kg
Vanadium	SW6010B	1	0.12	6.05	39.6	mg/Kg
Zinc	SW6010B	1	0.36	6.05	54.1	mg/Kg
TPH as Diesel	SW8015B	1	1.0	2.4	8.07	mg/Kg
TPH as Motor Oil	SW8015B	1	3.8	12	14.5	mg/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-12(0-1) 2403164-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	19.3	%
Dry Weight Factor	D2216	1	1	1	1.19	%
Arsenic	SW6010B	1	0.18	1.55	9.22	mg/Kg
Barium	SW6010B	1	0.065	5.95	247	mg/Kg
Beryllium	SW6010B	1	0.065	5.95	0.512	mg/Kg
Cadmium	SW6010B	1	0.12	0.893	0.351	mg/Kg
Chromium	SW6010B	1	0.089	5.95	75.0	mg/Kg
Cobalt	SW6010B	1	0.083	5.95	21.8	mg/Kg
Copper	SW6010B	1	0.24	5.95	49.0	mg/Kg
Lead	SW6010B	1	0.12	3.57	14.8	mg/Kg
Molybdenum	SW6010B	1	0.060	5.95	0.613	mg/Kg
Nickel	SW6010B	1	0.60	5.95	82.1	mg/Kg
Vanadium	SW6010B	1	0.12	5.95	61.3	mg/Kg
Zinc	SW6010B	1	0.36	5.95	80.9	mg/Kg
TPH as Diesel	SW8015B	1	2.0	4.8	21.4	mg/Kg
TPH as Motor Oil	SW8015B	1	7.6	24	90.5	mg/Kg
Acetone	SW8260B	1	8.4	20.5	14.0	ug/Kg
Phenanthrene	SW8270C	2	22	480	36.5	ug/Kg
Fluoranthene	SW8270C	2	24	480	79.2	ug/Kg
Pyrene	SW8270C	2	29	480	79.7	ug/Kg
Benz[a]anthracene	SW8270C	2	23	480	41.2	ug/Kg
Chrysene	SW8270C	2	36	480	69.8	ug/Kg
Benzo[b]fluoranthene	SW8270C	2	29	480	77.8	ug/Kg
Benzo[k]fluoranthene	SW8270C	2	19	480	24.1	ug/Kg
Benzo[a]pyrene	SW8270C	2	23	480	55.2	ug/Kg
Indeno[1,2,3-cd]pyrene	SW8270C	2	33	480	44.0	ug/Kg
Benzo[g,h,i]perylene	SW8270C	2	40	480	66.6	ug/Kg

SS-12(4-5) 2403164-008

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	21.9	%
Dry Weight Factor	D2216	1	1	1	1.22	%
Arsenic	SW6010B	1	0.18	1.59	4.57	mg/Kg
Barium	SW6010B	1	0.067	6.10	163	mg/Kg
Beryllium	SW6010B	1	0.067	6.10	0.378	mg/Kg
Cadmium	SW6010B	1	0.12	0.915	0.134	mg/Kg
Chromium	SW6010B	1	0.092	6.10	33.2	mg/Kg
Cobalt	SW6010B	1	0.085	6.10	8.78	mg/Kg
Copper	SW6010B	1	0.24	6.10	17.8	mg/Kg
Lead	SW6010B	1	0.12	3.66	4.31	mg/Kg
Molybdenum	SW6010B	1	0.061	6.10	0.244	mg/Kg
Nickel	SW6010B	1	0.61	6.10	43.2	mg/Kg
Vanadium	SW6010B	1	0.12	6.10	45.6	mg/Kg
Zinc	SW6010B	1	0.37	6.10	41.3	mg/Kg
TPH as Diesel	SW8015B	1	1.0	2.4	3.08	mg/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-13(3-4) 2403164-009

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	14.8	%
Dry Weight Factor	D2216	1	1	1	1.15	%
Arsenic	SW6010B	1	0.17	1.50	11.1	mg/Kg
Barium	SW6010B	1	0.063	5.75	189	mg/Kg
Beryllium	SW6010B	1	0.063	5.75	0.673	mg/Kg
Cadmium	SW6010B	1	0.12	0.863	0.288	mg/Kg
Chromium	SW6010B	1	0.086	5.75	75.3	mg/Kg
Cobalt	SW6010B	1	0.081	5.75	15.2	mg/Kg
Copper	SW6010B	1	0.23	5.75	40.3	mg/Kg
Lead	SW6010B	1	0.12	3.45	10.1	mg/Kg
Molybdenum	SW6010B	1	0.058	5.75	0.972	mg/Kg
Nickel	SW6010B	1	0.58	5.75	84.5	mg/Kg
Vanadium	SW6010B	1	0.12	5.75	56.2	mg/Kg
Zinc	SW6010B	1	0.35	5.75	75.3	mg/Kg
TPH as Diesel	SW8015B	1	0.98	2.3	9.65	mg/Kg
TPH as Motor Oil	SW8015B	1	3.7	12	24.3	mg/Kg

SS-14(0-1) 2403164-010

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	13.8	%
Dry Weight Factor	D2216	1	1	1	1.14	%
Arsenic	SW6010B	1	0.17	1.48	14.4	mg/Kg
Barium	SW6010B	1	0.063	5.70	165	mg/Kg
Beryllium	SW6010B	1	0.063	5.70	0.553	mg/Kg
Cadmium	SW6010B	1	0.11	0.855	0.485	mg/Kg
Chromium	SW6010B	1	0.086	5.70	56.1	mg/Kg
Cobalt	SW6010B	1	0.080	5.70	13.3	mg/Kg
Copper	SW6010B	1	0.23	5.70	46.9	mg/Kg
Lead	SW6010B	1	0.11	3.42	19.3	mg/Kg
Molybdenum	SW6010B	1	0.057	5.70	1.26	mg/Kg
Nickel	SW6010B	1	0.57	5.70	80.4	mg/Kg
Vanadium	SW6010B	1	0.11	5.70	53.8	mg/Kg
Zinc	SW6010B	1	0.34	5.70	105	mg/Kg
TPH as Diesel	SW8015B	1	3.9	9.1	73.6	mg/Kg
TPH as Motor Oil	SW8015B	1	15	46	280	mg/Kg
gamma-Chlordane	SW8081B	10	1.9	23	2.99	ug/Kg
4,4'-DDE	SW8081B	10	2.2	23	8.87	ug/Kg
Aroclor1260	SW8082A	1	27.4	114	73.0	ug/Kg
Total PCB	SW8082A	1	27.4	114	73.0	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-14(3-4) 2403164-011

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	33.7	%
Dry Weight Factor	D2216	1	1	1	1.34	%
Arsenic	SW6010B	1	0.20	1.74	15.5	mg/Kg
Barium	SW6010B	1	0.074	6.70	391	mg/Kg
Beryllium	SW6010B	1	0.074	6.70	0.811	mg/Kg
Cadmium	SW6010B	1	0.13	1.01	0.214	mg/Kg
Chromium	SW6010B	1	0.10	6.70	66.9	mg/Kg
Cobalt	SW6010B	1	0.094	6.70	23.8	mg/Kg
Copper	SW6010B	1	0.27	6.70	33.8	mg/Kg
Lead	SW6010B	1	0.13	4.02	10.3	mg/Kg
Molybdenum	SW6010B	1	0.067	6.70	3.81	mg/Kg
Nickel	SW6010B	1	0.67	6.70	91.1	mg/Kg
Vanadium	SW6010B	1	0.13	6.70	52.8	mg/Kg
Zinc	SW6010B	1	0.40	6.70	55.5	mg/Kg
TPH as Diesel	SW8015B	1	1.1	2.7	19.5	mg/Kg
TPH as Motor Oil	SW8015B	1	4.3	13	48.8	mg/Kg
4,4'-DDE	SW8081B	1	0.26	2.7	1.52	ug/Kg
Acetone	SW8260B	1	11	26.1	16.4	ug/Kg
Phenanthrene	SW8270C	1	12	270	17.0	ug/Kg
Fluoranthene	SW8270C	1	13	270	19.6	ug/Kg
Chrysene	SW8270C	1	20	270	32.5	ug/Kg
Benzo[b]fluoranthene	SW8270C	1	16	270	18.8	ug/Kg

SS-6(1-2) 2403164-012

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	9.86	%
Dry Weight Factor	D2216	1	1	1	1.10	%
Arsenic	SW6010B	1	0.17	1.43	6.44	mg/Kg
Barium	SW6010B	1	0.061	5.50	207	mg/Kg
Beryllium	SW6010B	1	0.061	5.50	0.473	mg/Kg
Cadmium	SW6010B	1	0.11	0.825	0.275	mg/Kg
Chromium	SW6010B	1	0.083	5.50	53.1	mg/Kg
Cobalt	SW6010B	1	0.077	5.50	12.7	mg/Kg
Copper	SW6010B	1	0.22	5.50	40.6	mg/Kg
Lead	SW6010B	1	0.11	3.30	22.3	mg/Kg
Molybdenum	SW6010B	1	0.055	5.50	0.946	mg/Kg
Nickel	SW6010B	1	0.55	5.50	71.0	mg/Kg
Vanadium	SW6010B	1	0.11	5.50	52.3	mg/Kg
Zinc	SW6010B	1	0.33	5.50	93.0	mg/Kg
TPH as Diesel	SW8015B	1	3.7	8.8	51.3	mg/Kg
TPH as Motor Oil	SW8015B	1	14	44	273	mg/Kg
gamma-Chlordane	SW8081B	10	1.8	22	4.44	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-5(2-3) 2403164-013

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	10.8	%
Dry Weight Factor	D2216	1	1	1	1.11	%
Arsenic	SW6010B	1	0.17	1.44	8.05	mg/Kg
Barium	SW6010B	1	0.061	5.55	749	mg/Kg
Beryllium	SW6010B	1	0.061	5.55	0.305	mg/Kg
Cadmium	SW6010B	1	0.11	0.833	0.755	mg/Kg
Chromium	SW6010B	1	0.083	5.55	48.6	mg/Kg
Cobalt	SW6010B	1	0.078	5.55	13.1	mg/Kg
Copper	SW6010B	1	0.22	5.55	49.8	mg/Kg
Lead	SW6010B	1	0.11	3.33	59.4	mg/Kg
Molybdenum	SW6010B	1	0.056	5.55	0.821	mg/Kg
Nickel	SW6010B	1	0.56	5.55	52.2	mg/Kg
Vanadium	SW6010B	1	0.11	5.55	54.8	mg/Kg
Zinc	SW6010B	1	0.33	5.55	155	mg/Kg
Mercury	SW7471B	1	0.093	0.56	0.18	mg/Kg
TPH as Diesel	SW8015B	1	1.9	4.4	76.8	mg/Kg
TPH as Motor Oil	SW8015B	1	7.1	22	188	mg/Kg
4,4'-DDE	SW8081B	10	2.2	22	13.4	ug/Kg
4,4'-DDD	SW8081B	10	6.3	22	7.96	ug/Kg
Acetone	SW8260B	1	8.0	19.7	12.2	ug/Kg

SS-4(0-1) 2403164-014

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	9.59	%
Dry Weight Factor	D2216	1	1	1	1.10	%
Arsenic	SW6010B	1	0.17	1.43	4.75	mg/Kg
Barium	SW6010B	1	0.061	5.50	704	mg/Kg
Beryllium	SW6010B	1	0.061	5.50	0.319	mg/Kg
Cadmium	SW6010B	1	0.11	0.825	0.556	mg/Kg
Chromium	SW6010B	1	0.083	5.50	93.0	mg/Kg
Cobalt	SW6010B	1	0.077	5.50	20.4	mg/Kg
Copper	SW6010B	1	0.22	5.50	53.0	mg/Kg
Lead	SW6010B	1	0.11	3.30	4.50	mg/Kg
Molybdenum	SW6010B	1	0.055	5.50	2.65	mg/Kg
Nickel	SW6010B	1	0.55	5.50	119	mg/Kg
Vanadium	SW6010B	1	0.11	5.50	73.7	mg/Kg
Zinc	SW6010B	1	0.33	5.50	74.3	mg/Kg
Mercury	SW7471B	1	0.092	0.55	0.11	mg/Kg
TPH as Diesel	SW8015B	2	19	44	303	mg/Kg
TPH as Motor Oil	SW8015B	2	70	220	1130	mg/Kg
2-Methylnaphthalene	SW8270C	10	110	2200	146	ug/Kg
Phenanthrene	SW8270C	10	100	2200	265	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-4(4-5) 2403164-015

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	16.9	%
Dry Weight Factor	D2216	1	1	1	1.17	%
Arsenic	SW6010B	1	0.18	1.52	1.08	mg/Kg
Barium	SW6010B	1	0.064	5.85	55.8	mg/Kg
Beryllium	SW6010B	1	0.064	5.85	0.216	mg/Kg
Chromium	SW6010B	1	0.088	5.85	63.8	mg/Kg
Cobalt	SW6010B	1	0.082	5.85	31.5	mg/Kg
Copper	SW6010B	1	0.23	5.85	88.9	mg/Kg
Lead	SW6010B	1	0.12	3.51	4.74	mg/Kg
Molybdenum	SW6010B	1	0.059	5.85	0.462	mg/Kg
Nickel	SW6010B	1	0.59	5.85	57.3	mg/Kg
Vanadium	SW6010B	1	0.12	5.85	128	mg/Kg
Zinc	SW6010B	1	0.35	5.85	73.7	mg/Kg
TPH as Diesel	SW8015B	1	2.0	4.7	53.9	mg/Kg
TPH as Motor Oil	SW8015B	1	7.4	23	113	mg/Kg
2-Butanone	SW8260B	1	2.3	9.98	3.53	ug/Kg
Acetone	SW8260B	1	8.1	20.0	20.9	ug/Kg

SS-3(0-1) 2403164-016

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	13.5	%
Dry Weight Factor	D2216	1	1	1	1.13	%
Arsenic	SW6010B	1	0.17	1.47	5.31	mg/Kg
Barium	SW6010B	1	0.062	5.65	507	mg/Kg
Beryllium	SW6010B	1	0.062	5.65	0.396	mg/Kg
Cadmium	SW6010B	1	0.11	0.848	0.407	mg/Kg
Chromium	SW6010B	1	0.085	5.65	121	mg/Kg
Cobalt	SW6010B	1	0.079	5.65	24.0	mg/Kg
Copper	SW6010B	1	0.23	5.65	53.5	mg/Kg
Lead	SW6010B	1	0.11	3.39	7.74	mg/Kg
Molybdenum	SW6010B	1	0.057	5.65	9.49	mg/Kg
Nickel	SW6010B	1	0.57	5.65	123	mg/Kg
Vanadium	SW6010B	1	0.11	5.65	78.0	mg/Kg
Zinc	SW6010B	1	0.34	5.65	88.7	mg/Kg
Mercury	SW7471B	1	0.094	0.57	0.17	mg/Kg
TPH as Diesel	SW8015B	4	15	36	129	mg/Kg
TPH as Motor Oil	SW8015B	4	57	180	1510	mg/Kg
Acetone	SW8260B	1	8.8	21.6	11.3	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-3(2-3) 2403164-017

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	12.0	%
Dry Weight Factor	D2216	1	1	1	1.12	%
Arsenic	SW6010B	1	0.17	1.46	6.22	mg/Kg
Barium	SW6010B	1	0.062	5.60	231	mg/Kg
Beryllium	SW6010B	1	0.062	5.60	0.493	mg/Kg
Cadmium	SW6010B	1	0.11	0.840	0.274	mg/Kg
Chromium	SW6010B	1	0.084	5.60	65.5	mg/Kg
Cobalt	SW6010B	1	0.078	5.60	13.6	mg/Kg
Copper	SW6010B	1	0.22	5.60	47.5	mg/Kg
Lead	SW6010B	1	0.11	3.36	25.0	mg/Kg
Molybdenum	SW6010B	1	0.056	5.60	1.31	mg/Kg
Nickel	SW6010B	1	0.56	5.60	74.5	mg/Kg
Vanadium	SW6010B	1	0.11	5.60	63.8	mg/Kg
Zinc	SW6010B	1	0.34	5.60	86.2	mg/Kg
Mercury	SW7471B	1	0.093	0.56	0.13	mg/Kg
TPH as Diesel	SW8015B	10	19	45	199	mg/Kg
TPH as Motor Oil	SW8015B	10	71	220	645	mg/Kg
4,4'-DDE	SW8081B	10	2.2	22	3.05	ug/Kg
2-Butanone	SW8260B	1	2.1	9.11	2.34	ug/Kg
Acetone	SW8260B	1	7.4	18.2	14.3	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-2(0-1) 2403164-018

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	18.2	%
Dry Weight Factor	D2216	1	1	1	1.18	%
Arsenic	SW6010B	1	0.18	1.53	13.6	mg/Kg
Barium	SW6010B	1	0.065	5.90	252	mg/Kg
Beryllium	SW6010B	1	0.065	5.90	0.537	mg/Kg
Cadmium	SW6010B	1	0.12	0.885	0.443	mg/Kg
Chromium	SW6010B	1	0.089	5.90	68.4	mg/Kg
Cobalt	SW6010B	1	0.083	5.90	13.9	mg/Kg
Copper	SW6010B	1	0.24	5.90	38.6	mg/Kg
Lead	SW6010B	1	0.12	3.54	24.4	mg/Kg
Molybdenum	SW6010B	1	0.059	5.90	0.814	mg/Kg
Nickel	SW6010B	1	0.59	5.90	85.6	mg/Kg
Vanadium	SW6010B	1	0.12	5.90	51.8	mg/Kg
Zinc	SW6010B	1	0.35	5.90	97.4	mg/Kg
Mercury	SW7471B	1	0.098	0.59	0.16	mg/Kg
TPH as Diesel	SW8015B	1	4.0	9.4	102	mg/Kg
TPH as Motor Oil	SW8015B	1	15	47	350	mg/Kg
gamma-Chlordane	SW8081B	10	1.9	24	29.5	ug/Kg
alpha-Chlordane	SW8081B	10	2.0	24	6.05	ug/Kg
4,4'-DDE	SW8081B	10	2.3	24	41.5	ug/Kg
Chlordane, Technical	SW8081B	10	25	240	111	ug/Kg
Aroclor1260	SW8082A	1	28.3	118	1210	ug/Kg
Total PCB	SW8082A	1	28.3	118	1210	ug/Kg
Acetone	SW8260B	1	8.7	21.4	21.2	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-2(3-4) 2403164-019

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	13.0	%
Dry Weight Factor	D2216	1	1	1	1.13	%
Arsenic	SW6010B	1	0.17	1.47	8.19	mg/Kg
Barium	SW6010B	1	0.062	5.65	222	mg/Kg
Beryllium	SW6010B	1	0.062	5.65	0.497	mg/Kg
Cadmium	SW6010B	1	0.11	0.848	0.379	mg/Kg
Chromium	SW6010B	1	0.085	5.65	65.0	mg/Kg
Cobalt	SW6010B	1	0.079	5.65	13.7	mg/Kg
Copper	SW6010B	1	0.23	5.65	45.5	mg/Kg
Lead	SW6010B	1	0.11	3.39	32.0	mg/Kg
Molybdenum	SW6010B	1	0.057	5.65	0.751	mg/Kg
Nickel	SW6010B	1	0.57	5.65	87.0	mg/Kg
Vanadium	SW6010B	1	0.11	5.65	55.0	mg/Kg
Zinc	SW6010B	1	0.34	5.65	101	mg/Kg
Mercury	SW7471B	1	0.094	0.57	0.25	mg/Kg
TPH as Diesel	SW8015B	1	3.8	9.0	126	mg/Kg
TPH as Motor Oil	SW8015B	1	14	45	242	mg/Kg
4,4'-DDE	SW8081B	10	2.2	23	19.9	ug/Kg
Aroclor1260	SW8082A	1	27.1	113	94.9	ug/Kg
Total PCB	SW8082A	1	27.1	113	94.9	ug/Kg
Acetone	SW8260B	1	8.5	20.9	32.0	ug/Kg
Naphthalene	SW8270C	5	60	1100	81.7	ug/Kg
Phenanthrene	SW8270C	5	53	1100	93.9	ug/Kg
Anthracene	SW8270C	5	50	1100	51.4	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-1(0-1) 2403164-020

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	5.97	%
Dry Weight Factor	D2216	1	1	1	1.06	%
Arsenic	SW6010B	1	0.16	1.38	5.22	mg/Kg
Barium	SW6010B	1	0.058	5.30	578	mg/Kg
Beryllium	SW6010B	1	0.058	5.30	0.445	mg/Kg
Cadmium	SW6010B	1	0.11	0.795	0.514	mg/Kg
Chromium	SW6010B	1	0.080	5.30	129	mg/Kg
Cobalt	SW6010B	1	0.074	5.30	23.3	mg/Kg
Copper	SW6010B	1	0.21	5.30	62.0	mg/Kg
Lead	SW6010B	1	0.11	3.18	6.94	mg/Kg
Molybdenum	SW6010B	1	0.053	5.30	2.44	mg/Kg
Nickel	SW6010B	1	0.53	5.30	168	mg/Kg
Vanadium	SW6010B	1	0.11	5.30	82.2	mg/Kg
Zinc	SW6010B	1	0.32	5.30	84.8	mg/Kg
Mercury	SW7471B	1	0.088	0.53	0.25	mg/Kg
TPH as Diesel	SW8015B	1	3.6	8.5	53.8	mg/Kg
TPH as Motor Oil	SW8015B	1	13	42	216	mg/Kg
gamma-Chlordane	SW8081B	10	1.7	21	1.96	ug/Kg
4,4'-DDE	SW8081B	10	2.1	21	11.5	ug/Kg
Aroclor1260	SW8082A	1	25.4	106	152	ug/Kg
Total PCB	SW8082A	1	25.4	106	152	ug/Kg
2-Butanone	SW8260B	1	2.9	12.8	7.74	ug/Kg
Acetone	SW8260B	1	10	25.7	67.4	ug/Kg
Phenanthrene	SW8270C	10	98	2100	229	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 03/19/24
Date Reported: 03/26/24

SS-1(2-3) 2403164-021

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	10.3	%
Dry Weight Factor	D2216	1	1	1	1.10	%
Arsenic	SW6010B	1	0.17	1.43	11.6	mg/Kg
Barium	SW6010B	1	0.061	5.50	256	mg/Kg
Beryllium	SW6010B	1	0.061	5.50	0.594	mg/Kg
Cadmium	SW6010B	1	0.11	0.825	0.468	mg/Kg
Chromium	SW6010B	1	0.083	5.50	73.2	mg/Kg
Cobalt	SW6010B	1	0.077	5.50	16.5	mg/Kg
Copper	SW6010B	1	0.22	5.50	55.6	mg/Kg
Lead	SW6010B	1	0.11	3.30	39.3	mg/Kg
Molybdenum	SW6010B	1	0.055	5.50	0.567	mg/Kg
Nickel	SW6010B	1	0.55	5.50	95.7	mg/Kg
Vanadium	SW6010B	1	0.11	5.50	63.8	mg/Kg
Zinc	SW6010B	1	0.33	5.50	124	mg/Kg
Mercury	SW7471B	1	0.092	0.55	0.14	mg/Kg
TPH as Diesel	SW8015B	1	3.7	8.8	147	mg/Kg
TPH as Motor Oil	SW8015B	1	14	44	430	mg/Kg
Heptachlor Epoxide	SW8081B	20	1.7	44	7.61	ug/Kg
gamma-Chlordane	SW8081B	20	3.6	44	4.95	ug/Kg
alpha-Chlordane	SW8081B	20	3.8	44	4.62	ug/Kg
4,4'-DDE	SW8081B	20	4.3	44	49.5	ug/Kg
Dieldrin	SW8081B	20	3.3	44	8.14	ug/Kg
Aroclor1260	SW8082A	1	26.4	110	230	ug/Kg
Total PCB	SW8082A	1	26.4	110	230	ug/Kg
2-Butanone	SW8260B	1	2.8	12.4	5.76	ug/Kg
Acetone	SW8260B	1	10	24.7	50.8	ug/Kg

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-7(1-2)	**Lab Sample ID:**	2403164-001A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:00		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/20/24 5:35:00PM
Prep Batch ID:	1159193	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.10	0.61	**0.17**	J	mg/Kg	03/21/24	11:11	NK	482559

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-7(1-2)	**Lab Sample ID:**	2403164-001A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:00		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/20/24	5:25:00PM
Prep Batch ID:	1159188	**Prep Analyst:**	TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.061	6.05	ND		mg/Kg	03/21/24	11:32	GS	482556
Arsenic	SW6010B	1	0.18	1.57	**2.74**		mg/Kg	03/21/24	11:32	GS	482556
Barium	SW6010B	1	0.067	6.05	**134**		mg/Kg	03/21/24	11:32	GS	482556
Beryllium	SW6010B	1	0.067	6.05	**0.545**	J	mg/Kg	03/21/24	11:32	GS	482556
Cadmium	SW6010B	1	0.12	0.908	**0.163**	J	mg/Kg	03/21/24	11:32	GS	482556
Chromium	SW6010B	1	0.091	6.05	**50.8**		mg/Kg	03/21/24	11:32	GS	482556
Cobalt	SW6010B	1	0.085	6.05	**9.26**		mg/Kg	03/21/24	11:32	GS	482556
Copper	SW6010B	1	0.24	6.05	**30.6**		mg/Kg	03/21/24	11:32	GS	482556
Lead	SW6010B	1	0.12	3.63	**9.32**		mg/Kg	03/21/24	11:32	GS	482556
Molybdenum	SW6010B	1	0.061	6.05	**0.248**	J	mg/Kg	03/21/24	11:32	GS	482556
Nickel	SW6010B	1	0.61	6.05	**57.0**		mg/Kg	03/21/24	11:32	GS	482556
Selenium	SW6010B	1	0.42	1.33	ND		mg/Kg	03/21/24	11:32	GS	482556
Silver	SW6010B	1	0.18	0.605	ND		mg/Kg	03/21/24	11:32	GS	482556
Thallium	SW6010B	1	0.24	6.05	ND		mg/Kg	03/21/24	11:32	GS	482556
Vanadium	SW6010B	1	0.12	6.05	**39.3**		mg/Kg	03/21/24	11:32	GS	482556
Zinc	SW6010B	1	0.36	6.05	**57.5**		mg/Kg	03/21/24	11:32	GS	482556

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-7(1-2)	**Lab Sample ID:**	2403164-001A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:00		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	1	13	240	**15.9**	J	ug/Kg	03/21/24	7:43	TA	482674
2-Methylnaphthalene	SW8270C	1	13	240	ND		ug/Kg	03/21/24	7:43	TA	482674
1-Methylnaphthalene	SW8270C	1	15	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Acenaphthylene	SW8270C	1	10	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Acenaphthene	SW8270C	1	13	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Fluorene	SW8270C	1	12	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Phenanthrene	SW8270C	1	11	240	**22.0**	J	ug/Kg	03/21/24	7:43	TA	482674
Anthracene	SW8270C	1	11	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Fluoranthene	SW8270C	1	12	240	**16.7**	J	ug/Kg	03/21/24	7:43	TA	482674
Pyrene	SW8270C	1	14	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Benz[a]anthracene	SW8270C	1	12	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Chrysene	SW8270C	1	18	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Benzo[b]fluoranthene	SW8270C	1	15	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Benzo[k]fluoranthene	SW8270C	1	9.8	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Benzo[a]pyrene	SW8270C	1	12	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	1	17	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Dibenz[a,h]anthracene	SW8270C	1	15	240	ND		ug/Kg	03/21/24	7:43	TA	482674
Benzo[g,h,i]perylene	SW8270C	1	20	240	ND		ug/Kg	03/21/24	7:43	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**77.7**		%	03/21/24	7:43	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**78.9**		%	03/21/24	7:43	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**87.4**		%	03/21/24	7:43	TA	482674

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-7(1-2)	**Lab Sample ID:**	2403164-001A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:00		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	42.4	121	ND		ug/Kg	03/21/24	22:11	AK	482613
Aroclor1221	SW8082A	1	6.05	121	ND		ug/Kg	03/21/24	22:11	AK	482613
Aroclor1232	SW8082A	1	20.6	121	ND		ug/Kg	03/21/24	22:11	AK	482613
Aroclor1242	SW8082A	1	3.63	121	ND		ug/Kg	03/21/24	22:11	AK	482613
Aroclor1248	SW8082A	1	2.42	121	ND		ug/Kg	03/21/24	22:11	AK	482613
Aroclor1254	SW8082A	1	16.9	121	ND		ug/Kg	03/21/24	22:11	AK	482613
Aroclor1260	SW8082A	1	29.0	121	ND		ug/Kg	03/21/24	22:11	AK	482613
Total PCB	SW8082A	1	29.0	121	ND		ug/Kg	03/21/24	22:11	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**84.0**		%	03/21/24	22:11	AK	482613
DCBP (S)	SW8082A		48 - 135		**80.0**		%	03/21/24	22:11	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-7(1-2)	**Lab Sample ID:**	2403164-001A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:00		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	1	0.15	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
gamma-BHC (Lindane)	SW8081B	1	0.19	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
beta-BHC	SW8081B	1	0.38	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
delta-BHC	SW8081B	1	0.19	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Heptachlor	SW8081B	1	0.13	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Aldrin	SW8081B	1	0.24	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Heptachlor Epoxide	SW8081B	1	0.094	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
gamma-Chlordane	SW8081B	1	0.20	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
alpha-Chlordane	SW8081B	1	0.21	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
4,4'-DDE	SW8081B	1	0.23	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Endosulfan I	SW8081B	1	0.22	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Dieldrin	SW8081B	1	0.18	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Endrin	SW8081B	1	0.23	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
4,4'-DDD	SW8081B	1	0.68	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Endosulfan II	SW8081B	1	0.70	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
4,4-DDT	SW8081B	1	0.16	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Endrin Aldehyde	SW8081B	1	0.18	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Methoxychlor	SW8081B	1	0.24	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Endosulfan Sulfate	SW8081B	1	0.14	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Endrin Ketone	SW8081B	1	0.52	2.4	ND		ug/Kg	03/21/24	21:09	MS	482584
Chlordane, Technical	SW8081B	1	2.6	24	ND		ug/Kg	03/21/24	21:09	MS	482584
Toxaphene	SW8081B	1	10	61	ND		ug/Kg	03/21/24	21:09	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**84.5**		%	03/21/24	21:09	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**74.8**		%	03/21/24	21:09	MS	482584

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-7(1-2)	**Lab Sample ID:**	2403164-001A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:00		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24 6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**21.0**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.21**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-7(1-2)	**Lab Sample ID:**	2403164-001A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:00		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24	9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.0	2.4	**8.82**	x	mg/Kg	03/21/24	19:20	SN	482607
TPH as Motor Oil	SW8015B	1	3.8	12	**21.6**		mg/Kg	03/21/24	19:20	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**45.5**		%	03/21/24	19:20	SN	482607

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-7(1-2)	**Lab Sample ID:**	2403164-001B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.3	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Chloromethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Vinyl Chloride	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Bromomethane	SW8260B	1	2.8	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Chloroethane	SW8260B	1	3.1	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,1-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Freon 113	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Methylene Chloride	SW8260B	1	7.4	10	ND		ug/Kg	03/20/24	17:21	HV	482588
trans-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	03/20/24	17:21	HV	482588
MTBE	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,1-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	17:21	HV	482588
cis-1,2-Dichloroethene	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	17:21	HV	482588
2,2-Dichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Bromochloromethane	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Chloroform	SW8260B	1	2.5	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,1,1-Trichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,1-Dichloropropene	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Benzene	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,2-Dichloroethane	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Trichloroethene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Dibromomethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	17:21	HV	482588
cis-1,3-Dichloropropene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Toluene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Tetrachloroethene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
trans-1,3-Dichloropropene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,1,2-Trichloroethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,3-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,2-Dibromoethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Chlorobenzene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	17:21	HV	482588
m,p-Xylene	SW8260B	1	3.3	10	ND		ug/Kg	03/20/24	17:21	HV	482588
o-Xylene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	17:21	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-7(1-2)	**Lab Sample ID:**	2403164-001B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Isopropyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	17:21	HV	482588
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,2,3-Trichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	17:21	HV	482588
4-Chlorotoluene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
tert-Butylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	03/20/24	17:21	HV	482588
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	17:21	HV	482588
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,4-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	17:21	HV	482588
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	17:21	HV	482588
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	17:21	HV	482588
2-Butanone	SW8260B	1	2.4	10.4	ND		ug/Kg	03/20/24	17:21	HV	482588
Acetone	SW8260B	1	8.5	20.8	**11.4**	J	ug/Kg	03/20/24	17:21	HV	482588
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**94.3**		%	03/20/24	17:21	HV	482588
(S) Toluene-d8	SW8260B		55.2 - 133		**102**		%	03/20/24	17:21	HV	482588
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**86.2**		%	03/20/24	17:21	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-7(1-2)	**Lab Sample ID:**	2403164-001B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:00		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24	10:33:00AM
Prep Batch ID:	1159234	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	45	100	ND		ug/Kg	03/20/24	17:21	HV	482588
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**96.5**		%	03/20/24	17:21	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-8(3-4)	**Lab Sample ID:**	2403164-002A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:30		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/20/24	5:35:00PM
Prep Batch ID:	1159193	**Prep Analyst:**	TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.094	0.57	ND		mg/Kg	03/21/24	11:22	NK	482559

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-8(3-4)	**Lab Sample ID:**	2403164-002A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:30		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/20/24	5:25:00PM
Prep Batch ID:	1159188	**Prep Analyst:**	TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.057	5.65	ND		mg/Kg	03/21/24	11:37	GS	482556
Arsenic	SW6010B	1	0.17	1.47	**4.94**		mg/Kg	03/21/24	11:37	GS	482556
Barium	SW6010B	1	0.062	5.65	**155**		mg/Kg	03/21/24	11:37	GS	482556
Beryllium	SW6010B	1	0.062	5.65	**0.379**	J	mg/Kg	03/21/24	11:37	GS	482556
Cadmium	SW6010B	1	0.11	0.848	**0.203**	J	mg/Kg	03/21/24	11:37	GS	482556
Chromium	SW6010B	1	0.085	5.65	**50.7**		mg/Kg	03/21/24	11:37	GS	482556
Cobalt	SW6010B	1	0.079	5.65	**10.1**		mg/Kg	03/21/24	11:37	GS	482556
Copper	SW6010B	1	0.23	5.65	**31.3**		mg/Kg	03/21/24	11:37	GS	482556
Lead	SW6010B	1	0.11	3.39	**13.8**		mg/Kg	03/21/24	11:37	GS	482556
Molybdenum	SW6010B	1	0.057	5.65	**0.712**	J	mg/Kg	03/21/24	11:37	GS	482556
Nickel	SW6010B	1	0.57	5.65	**58.8**		mg/Kg	03/21/24	11:37	GS	482556
Selenium	SW6010B	1	0.40	1.24	ND		mg/Kg	03/21/24	11:37	GS	482556
Silver	SW6010B	1	0.17	0.565	ND		mg/Kg	03/21/24	11:37	GS	482556
Thallium	SW6010B	1	0.23	5.65	ND		mg/Kg	03/21/24	11:37	GS	482556
Vanadium	SW6010B	1	0.11	5.65	**44.3**		mg/Kg	03/21/24	11:37	GS	482556
Zinc	SW6010B	1	0.34	5.65	**69.5**		mg/Kg	03/21/24	11:37	GS	482556

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-8(3-4)	**Lab Sample ID:**	2403164-002A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:30		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	2	24	450	ND		ug/Kg	03/21/24	8:12	TA	482674
2-Methylnaphthalene	SW8270C	2	24	450	ND		ug/Kg	03/21/24	8:12	TA	482674
1-Methylnaphthalene	SW8270C	2	27	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Acenaphthylene	SW8270C	2	19	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Acenaphthene	SW8270C	2	24	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Fluorene	SW8270C	2	23	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Phenanthrene	SW8270C	2	21	450	**25.8**	J	ug/Kg	03/21/24	8:12	TA	482674
Anthracene	SW8270C	2	20	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Fluoranthene	SW8270C	2	23	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Pyrene	SW8270C	2	27	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Benz[a]anthracene	SW8270C	2	22	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Chrysene	SW8270C	2	34	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Benzo[b]fluoranthene	SW8270C	2	27	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Benzo[k]fluoranthene	SW8270C	2	18	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Benzo[a]pyrene	SW8270C	2	22	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	2	31	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Dibenz[a,h]anthracene	SW8270C	2	29	450	ND		ug/Kg	03/21/24	8:12	TA	482674
Benzo[g,h,i]perylene	SW8270C	2	37	450	ND		ug/Kg	03/21/24	8:12	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**87.3**		%	03/21/24	8:12	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**91.5**		%	03/21/24	8:12	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**97.0**		%	03/21/24	8:12	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-8(3-4)	**Lab Sample ID:**	2403164-002A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:30		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/20/24	11:09:00AM
Prep Batch ID:	1159160	**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.											
Aroclor1016	SW8082A	1	39.6	113	ND		ug/Kg	03/20/24	16:32	AK	482528
Aroclor1221	SW8082A	1	5.65	113	ND		ug/Kg	03/20/24	16:32	AK	482528
Aroclor1232	SW8082A	1	19.2	113	ND		ug/Kg	03/20/24	16:32	AK	482528
Aroclor1242	SW8082A	1	3.39	113	ND		ug/Kg	03/20/24	16:32	AK	482528
Aroclor1248	SW8082A	1	2.26	113	ND		ug/Kg	03/20/24	16:32	AK	482528
Aroclor1254	SW8082A	1	15.8	113	ND		ug/Kg	03/20/24	16:32	AK	482528
Aroclor1260	SW8082A	1	27.1	113	ND		ug/Kg	03/20/24	16:32	AK	482528
Total PCB	SW8082A	1	27.1	113	ND		ug/Kg	03/20/24	16:32	AK	482528
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**69.0**		%	03/20/24	16:32	AK	482528
DCBP (S)	SW8082A		48 - 135		**68.0**		%	03/20/24	16:32	AK	482528

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-8(3-4)	**Lab Sample ID:**	2403164-002A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:30		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24	2:54:00PM
Prep Batch ID:	1159177	**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	23	ND		ug/Kg	03/21/24	13:35	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	13:35	MS	482584
beta-BHC	SW8081B	10	3.6	23	ND		ug/Kg	03/21/24	13:35	MS	482584
delta-BHC	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	13:35	MS	482584
Heptachlor	SW8081B	10	1.2	23	ND		ug/Kg	03/21/24	13:35	MS	482584
Aldrin	SW8081B	10	2.2	23	ND		ug/Kg	03/21/24	13:35	MS	482584
Heptachlor Epoxide	SW8081B	10	0.88	23	ND		ug/Kg	03/21/24	13:35	MS	482584
gamma-Chlordane	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	13:35	MS	482584
alpha-Chlordane	SW8081B	10	2.0	23	ND		ug/Kg	03/21/24	13:35	MS	482584
4,4'-DDE	SW8081B	10	2.2	23	**4.57**	J	ug/Kg	03/21/24	13:35	MS	482584
Endosulfan I	SW8081B	10	2.1	23	ND		ug/Kg	03/21/24	13:35	MS	482584
Dieldrin	SW8081B	10	1.7	23	**1.79**	J	ug/Kg	03/21/24	13:35	MS	482584
Endrin	SW8081B	10	2.1	23	ND		ug/Kg	03/21/24	13:35	MS	482584
4,4'-DDD	SW8081B	10	6.4	23	ND		ug/Kg	03/21/24	13:35	MS	482584
Endosulfan II	SW8081B	10	6.5	23	ND		ug/Kg	03/21/24	13:35	MS	482584
4,4-DDT	SW8081B	10	1.5	23	ND		ug/Kg	03/21/24	13:35	MS	482584
Endrin Aldehyde	SW8081B	10	1.7	23	ND		ug/Kg	03/21/24	13:35	MS	482584
Methoxychlor	SW8081B	10	2.3	23	ND		ug/Kg	03/21/24	13:35	MS	482584
Endosulfan Sulfate	SW8081B	10	1.3	23	ND		ug/Kg	03/21/24	13:35	MS	482584
Endrin Ketone	SW8081B	10	4.9	23	ND		ug/Kg	03/21/24	13:35	MS	482584
Chlordane, Technical	SW8081B	10	24	230	ND		ug/Kg	03/21/24	13:35	MS	482584
Toxaphene	SW8081B	10	96	570	ND		ug/Kg	03/21/24	13:35	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**65.5**		%	03/21/24	13:35	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**76.2**		%	03/21/24	13:35	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-8(3-4)	**Lab Sample ID:**	2403164-002A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:30		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**12.5**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.13**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-8(3-4)	**Lab Sample ID:**	2403164-002A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:30		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/20/24	1:37:00PM
Prep Batch ID:	1159175	**Prep Analyst:**	AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.9	4.5	**55.0**	x	mg/Kg	03/21/24	1:11	SN	482576
TPH as Motor Oil	SW8015B	1	7.2	23	**113**		mg/Kg	03/21/24	1:11	SN	482576
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**63.3**		%	03/21/24	1:11	SN	482576

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-8(3-4)	**Lab Sample ID:**	2403164-002B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.1	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Chloromethane	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Vinyl Chloride	SW8260B	1	1.9	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Bromomethane	SW8260B	1	2.5	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Chloroethane	SW8260B	1	2.8	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Trichlorofluoromethane	SW8260B	1	1.9	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,1-Dichloroethene	SW8260B	1	1.9	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Freon 113	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Methylene Chloride	SW8260B	1	6.6	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
trans-1,2-Dichloroethene	SW8260B	1	1.9	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
MTBE	SW8260B	1	2.2	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,1-Dichloroethane	SW8260B	1	2.1	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
cis-1,2-Dichloroethene	SW8260B	1	2.1	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
2,2-Dichloropropane	SW8260B	1	1.8	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Bromochloromethane	SW8260B	1	2.2	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Chloroform	SW8260B	1	2.2	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Carbon Tetrachloride	SW8260B	1	1.9	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,1,1-Trichloroethane	SW8260B	1	1.9	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,1-Dichloropropene	SW8260B	1	1.8	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Benzene	SW8260B	1	2.1	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,2-Dichloroethane	SW8260B	1	2.2	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Trichloroethene	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Dibromomethane	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,2-Dichloropropane	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Bromodichloromethane	SW8260B	1	1.8	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
cis-1,3-Dichloropropene	SW8260B	1	1.5	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Toluene	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Tetrachloroethene	SW8260B	1	1.5	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
trans-1,3-Dichloropropene	SW8260B	1	1.5	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,1,2-Trichloroethane	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Dibromochloromethane	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,3-Dichloropropane	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,2-Dibromoethane	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Chlorobenzene	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Ethylbenzene	SW8260B	1	1.5	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,1,1,2-Tetrachloroethane	SW8260B	1	1.8	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
m,p-Xylene	SW8260B	1	2.9	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
o-Xylene	SW8260B	1	1.6	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-8(3-4)	**Lab Sample ID:**	2403164-002B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.5	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Bromoform	SW8260B	1	1.6	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Isopropyl Benzene	SW8260B	1	1.5	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
n-Propylbenzene	SW8260B	1	1.5	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Bromobenzene	SW8260B	1	1.6	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,1,2,2-Tetrachloroethane	SW8260B	1	1.8	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
2-Chlorotoluene	SW8260B	1	1.6	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,2,3-Trichloropropane	SW8260B	1	1.8	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
4-Chlorotoluene	SW8260B	1	1.5	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
tert-Butylbenzene	SW8260B	1	1.5	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
sec-Butyl Benzene	SW8260B	1	1.4	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
p-Isopropyltoluene	SW8260B	1	1.4	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,3-Dichlorobenzene	SW8260B	1	1.6	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,4-Dichlorobenzene	SW8260B	1	1.6	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
n-Butylbenzene	SW8260B	1	1.4	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,2-Dichlorobenzene	SW8260B	1	1.6	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.7	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Hexachlorobutadiene	SW8260B	1	1.3	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,2,4-Trichlorobenzene	SW8260B	1	1.4	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
Naphthalene	SW8260B	1	1.6	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.3	ND		ug/Kg	03/20/24	17:50	HV	482588
2-Butanone	SW8260B	1	2.1	9.31	ND		ug/Kg	03/20/24	17:50	HV	482588
Acetone	SW8260B	1	7.6	18.6	**13.7**	J	ug/Kg	03/20/24	17:50	HV	482588
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**92.8**		%	03/20/24	17:50	HV	482588
(S) Toluene-d8	SW8260B		55.2 - 133		**99.2**		%	03/20/24	17:50	HV	482588
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**81.9**		%	03/20/24	17:50	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-8(3-4)	**Lab Sample ID:**	2403164-002B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 8:30		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24	10:33:00AM
Prep Batch ID:	1159234	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	40	93	ND		ug/Kg	03/20/24	17:50	HV	482588
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**98.8**		%	03/20/24	17:50	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-9(2-3)	**Lab Sample ID:**	2403164-003A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:15		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/20/24 5:35:00PM
Prep Batch ID:	1159193	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.093	0.56	ND		mg/Kg	03/21/24	11:24	NK	482559

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-9(2-3)	**Lab Sample ID:**	2403164-003A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:15		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/20/24 5:25:00PM
Prep Batch ID:	1159188	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.056	5.55	ND		mg/Kg	03/21/24	11:39	GS	482556
Arsenic	SW6010B	1	0.17	1.44	**5.88**		mg/Kg	03/21/24	11:39	GS	482556
Barium	SW6010B	1	0.061	5.55	**165**		mg/Kg	03/21/24	11:39	GS	482556
Beryllium	SW6010B	1	0.061	5.55	**0.422**	J	mg/Kg	03/21/24	11:39	GS	482556
Cadmium	SW6010B	1	0.11	0.833	ND		mg/Kg	03/21/24	11:39	GS	482556
Chromium	SW6010B	1	0.083	5.55	**74.9**		mg/Kg	03/21/24	11:39	GS	482556
Cobalt	SW6010B	1	0.078	5.55	**14.4**		mg/Kg	03/21/24	11:39	GS	482556
Copper	SW6010B	1	0.22	5.55	**46.2**		mg/Kg	03/21/24	11:39	GS	482556
Lead	SW6010B	1	0.11	3.33	**14.8**		mg/Kg	03/21/24	11:39	GS	482556
Molybdenum	SW6010B	1	0.056	5.55	**0.844**	J	mg/Kg	03/21/24	11:39	GS	482556
Nickel	SW6010B	1	0.56	5.55	**66.0**		mg/Kg	03/21/24	11:39	GS	482556
Selenium	SW6010B	1	0.39	1.22	ND		mg/Kg	03/21/24	11:39	GS	482556
Silver	SW6010B	1	0.17	0.555	ND		mg/Kg	03/21/24	11:39	GS	482556
Thallium	SW6010B	1	0.22	5.55	ND		mg/Kg	03/21/24	11:39	GS	482556
Vanadium	SW6010B	1	0.11	5.55	**59.9**		mg/Kg	03/21/24	11:39	GS	482556
Zinc	SW6010B	1	0.33	5.55	**70.5**		mg/Kg	03/21/24	11:39	GS	482556

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-9(2-3)	**Lab Sample ID:**	2403164-003A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:15		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	10	120	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
2-Methylnaphthalene	SW8270C	10	120	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
1-Methylnaphthalene	SW8270C	10	140	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Acenaphthylene	SW8270C	10	92	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Acenaphthene	SW8270C	10	120	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Fluorene	SW8270C	10	110	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Phenanthrene	SW8270C	10	100	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Anthracene	SW8270C	10	99	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Fluoranthene	SW8270C	10	110	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Pyrene	SW8270C	10	130	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Benz[a]anthracene	SW8270C	10	110	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Chrysene	SW8270C	10	170	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Benzo[b]fluoranthene	SW8270C	10	130	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Benzo[k]fluoranthene	SW8270C	10	90	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Benzo[a]pyrene	SW8270C	10	110	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	10	150	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Dibenz[a,h]anthracene	SW8270C	10	140	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
Benzo[g,h,i]perylene	SW8270C	10	180	2200	ND		ug/Kg	03/21/24	8:41	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**85.4**		%	03/21/24	8:41	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**89.1**		%	03/21/24	8:41	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**101**		%	03/21/24	8:41	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-9(2-3)	**Lab Sample ID:**	2403164-003A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:15		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/20/24 11:09:00AM
Prep Batch ID:	1159160	**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.											
Aroclor1016	SW8082A	1	38.9	111	ND		ug/Kg	03/20/24	18:25	AK	482528
Aroclor1221	SW8082A	1	5.55	111	ND		ug/Kg	03/20/24	18:25	AK	482528
Aroclor1232	SW8082A	1	18.9	111	ND		ug/Kg	03/20/24	18:25	AK	482528
Aroclor1242	SW8082A	1	3.33	111	ND		ug/Kg	03/20/24	18:25	AK	482528
Aroclor1248	SW8082A	1	2.22	111	ND		ug/Kg	03/20/24	18:25	AK	482528
Aroclor1254	SW8082A	1	15.5	111	ND		ug/Kg	03/20/24	18:25	AK	482528
Aroclor1260	SW8082A	1	26.6	111	**96.6**	J	ug/Kg	03/20/24	18:25	AK	482528
Total PCB	SW8082A	1	26.6	111	**96.6**	J	ug/Kg	03/20/24	18:25	AK	482528
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**50.0**		%	03/20/24	18:25	AK	482528
DCBP (S)	SW8082A		48 - 135		**52.0**		%	03/20/24	18:25	AK	482528

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-9(2-3)	**Lab Sample ID:**	2403164-003A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:15		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	22	ND		ug/Kg	03/21/24	13:49	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.8	22	ND		ug/Kg	03/21/24	13:49	MS	482584
beta-BHC	SW8081B	10	3.5	22	ND		ug/Kg	03/21/24	13:49	MS	482584
delta-BHC	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Heptachlor	SW8081B	10	1.2	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Aldrin	SW8081B	10	2.2	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Heptachlor Epoxide	SW8081B	10	0.87	22	ND		ug/Kg	03/21/24	13:49	MS	482584
gamma-Chlordane	SW8081B	10	1.8	22	ND		ug/Kg	03/21/24	13:49	MS	482584
alpha-Chlordane	SW8081B	10	1.9	22	ND		ug/Kg	03/21/24	13:49	MS	482584
4,4'-DDE	SW8081B	10	2.2	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Endosulfan I	SW8081B	10	2.0	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Dieldrin	SW8081B	10	1.6	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Endrin	SW8081B	10	2.1	22	ND		ug/Kg	03/21/24	13:49	MS	482584
4,4'-DDD	SW8081B	10	6.3	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Endosulfan II	SW8081B	10	6.4	22	ND		ug/Kg	03/21/24	13:49	MS	482584
4,4-DDT	SW8081B	10	1.4	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Endrin Aldehyde	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Methoxychlor	SW8081B	10	2.2	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Endosulfan Sulfate	SW8081B	10	1.3	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Endrin Ketone	SW8081B	10	4.8	22	ND		ug/Kg	03/21/24	13:49	MS	482584
Chlordane, Technical	SW8081B	10	23	220	ND		ug/Kg	03/21/24	13:49	MS	482584
Toxaphene	SW8081B	10	95	560	ND		ug/Kg	03/21/24	13:49	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**46.9**	S	%	03/21/24	13:49	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**55.4**		%	03/21/24	13:49	MS	482584

NOTE: S-surrogate outside of control limits due to possible matrix interference
Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-9(2-3)	**Lab Sample ID:**	2403164-003A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:15		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**11.0**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.11**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-9(2-3)	**Lab Sample ID:**	2403164-003A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:15		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/20/24 1:37:00PM
Prep Batch ID:	1159175	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	2	3.8	8.9	**73.6**	x	mg/Kg	03/21/24	9:27	SN	482576
TPH as Motor Oil	SW8015B	2	14	44	**232**		mg/Kg	03/21/24	9:27	SN	482576
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**45.4**		%	03/21/24	9:27	SN	482576

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-9(2-3)	**Lab Sample ID:**	2403164-003B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:15		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.2	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Chloromethane	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Vinyl Chloride	SW8260B	1	1.9	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Bromomethane	SW8260B	1	2.5	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Chloroethane	SW8260B	1	2.9	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Trichlorofluoromethane	SW8260B	1	2.0	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,1-Dichloroethene	SW8260B	1	1.9	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Freon 113	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Methylene Chloride	SW8260B	1	6.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
trans-1,2-Dichloroethene	SW8260B	1	2.0	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
MTBE	SW8260B	1	2.2	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,1-Dichloroethane	SW8260B	1	2.1	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
cis-1,2-Dichloroethene	SW8260B	1	2.1	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
2,2-Dichloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Bromochloromethane	SW8260B	1	2.2	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Chloroform	SW8260B	1	2.2	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Carbon Tetrachloride	SW8260B	1	1.9	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,1,1-Trichloroethane	SW8260B	1	2.0	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,1-Dichloropropene	SW8260B	1	1.9	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Benzene	SW8260B	1	2.1	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,2-Dichloroethane	SW8260B	1	2.2	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Trichloroethene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Dibromomethane	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,2-Dichloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Bromodichloromethane	SW8260B	1	1.9	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
cis-1,3-Dichloropropene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Toluene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Tetrachloroethene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,1,2-Trichloroethane	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Dibromochloromethane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,3-Dichloropropane	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,2-Dibromoethane	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Chlorobenzene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Ethylbenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,1,1,2-Tetrachloroethane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
m,p-Xylene	SW8260B	1	3.0	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
o-Xylene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-9(2-3)	**Lab Sample ID:**	2403164-003B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:15		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Bromoform	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Isopropyl Benzene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
n-Propylbenzene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Bromobenzene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,1,2,2-Tetrachloroethane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
2-Chlorotoluene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,2,3-Trichloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
4-Chlorotoluene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
tert-Butylbenzene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
sec-Butyl Benzene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
p-Isopropyltoluene	SW8260B	1	1.4	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,3-Dichlorobenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,4-Dichlorobenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
n-Butylbenzene	SW8260B	1	1.4	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,2-Dichlorobenzene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Hexachlorobutadiene	SW8260B	1	1.3	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,2,4-Trichlorobenzene	SW8260B	1	1.4	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
Naphthalene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	18:20	HV	482588
2-Butanone	SW8260B	1	2.2	9.49	ND		ug/Kg	03/20/24	18:20	HV	482588
Acetone	SW8260B	1	7.7	19.0	**10.7**	J	ug/Kg	03/20/24	18:20	HV	482588
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**85.8**		%	03/20/24	18:20	HV	482588
(S) Toluene-d8	SW8260B		55.2 - 133		**100**		%	03/20/24	18:20	HV	482588
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**81.6**		%	03/20/24	18:20	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-9(2-3)	**Lab Sample ID:**	2403164-003B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:15		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159234	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	41	95	ND		ug/Kg	03/20/24	18:20	HV	482588
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**89.5**		%	03/20/24	18:20	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-10(3-4)	**Lab Sample ID:**	2403164-004A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:45		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/20/24	5:35:00PM
Prep Batch ID:	1159193	**Prep Analyst:**	TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.091	0.55	ND		mg/Kg	03/21/24	11:27	NK	482559

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-10(3-4)	**Lab Sample ID:**	2403164-004A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:45		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/20/24 5:25:00PM
Prep Batch ID:	1159188	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.055	5.45	ND		mg/Kg	03/21/24	11:41	GS	482556
Arsenic	SW6010B	1	0.16	1.42	**3.38**		mg/Kg	03/21/24	11:41	GS	482556
Barium	SW6010B	1	0.060	5.45	**99.2**		mg/Kg	03/21/24	11:41	GS	482556
Beryllium	SW6010B	1	0.060	5.45	**0.349**	J	mg/Kg	03/21/24	11:41	GS	482556
Cadmium	SW6010B	1	0.11	0.818	**0.158**	J	mg/Kg	03/21/24	11:41	GS	482556
Chromium	SW6010B	1	0.082	5.45	**53.4**		mg/Kg	03/21/24	11:41	GS	482556
Cobalt	SW6010B	1	0.076	5.45	**22.1**		mg/Kg	03/21/24	11:41	GS	482556
Copper	SW6010B	1	0.22	5.45	**29.0**		mg/Kg	03/21/24	11:41	GS	482556
Lead	SW6010B	1	0.11	3.27	**10.4**		mg/Kg	03/21/24	11:41	GS	482556
Molybdenum	SW6010B	1	0.055	5.45	**0.692**	J	mg/Kg	03/21/24	11:41	GS	482556
Nickel	SW6010B	1	0.55	5.45	**302**		mg/Kg	03/21/24	11:41	GS	482556
Selenium	SW6010B	1	0.38	1.20	ND		mg/Kg	03/21/24	11:41	GS	482556
Silver	SW6010B	1	0.16	0.545	ND		mg/Kg	03/21/24	11:41	GS	482556
Thallium	SW6010B	1	0.22	5.45	ND		mg/Kg	03/21/24	11:41	GS	482556
Vanadium	SW6010B	1	0.11	5.45	**43.8**		mg/Kg	03/21/24	11:41	GS	482556
Zinc	SW6010B	1	0.33	5.45	**55.0**		mg/Kg	03/21/24	11:41	GS	482556

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-10(3-4)	**Lab Sample ID:**	2403164-004A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:45		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	10	120	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
2-Methylnaphthalene	SW8270C	10	110	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
1-Methylnaphthalene	SW8270C	10	130	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Acenaphthylene	SW8270C	10	90	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Acenaphthene	SW8270C	10	120	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Fluorene	SW8270C	10	110	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Phenanthrene	SW8270C	10	100	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Anthracene	SW8270C	10	97	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Fluoranthene	SW8270C	10	110	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Pyrene	SW8270C	10	130	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Benz[a]anthracene	SW8270C	10	110	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Chrysene	SW8270C	10	170	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Benzo[b]fluoranthene	SW8270C	10	130	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Benzo[k]fluoranthene	SW8270C	10	89	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Benzo[a]pyrene	SW8270C	10	110	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	10	150	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Dibenz[a,h]anthracene	SW8270C	10	140	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
Benzo[g,h,i]perylene	SW8270C	10	180	2200	ND		ug/Kg	03/21/24	9:09	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**95.6**		%	03/21/24	9:09	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**92.1**		%	03/21/24	9:09	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**109**		%	03/21/24	9:09	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-10(3-4)	**Lab Sample ID:**	2403164-004A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:45		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	38.2	109	ND		ug/Kg	03/21/24	12:14	AK	482613
Aroclor1221	SW8082A	1	5.45	109	ND		ug/Kg	03/21/24	12:14	AK	482613
Aroclor1232	SW8082A	1	18.5	109	ND		ug/Kg	03/21/24	12:14	AK	482613
Aroclor1242	SW8082A	1	3.27	109	ND		ug/Kg	03/21/24	12:14	AK	482613
Aroclor1248	SW8082A	1	2.18	109	ND		ug/Kg	03/21/24	12:14	AK	482613
Aroclor1254	SW8082A	1	15.3	109	ND		ug/Kg	03/21/24	12:14	AK	482613
Aroclor1260	SW8082A	1	26.2	109	ND		ug/Kg	03/21/24	12:14	AK	482613
Total PCB	SW8082A	1	26.2	109	ND		ug/Kg	03/21/24	12:14	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**74.0**		%	03/21/24	12:14	AK	482613
DCBP (S)	SW8082A		48 - 135		**75.0**		%	03/21/24	12:14	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-10(3-4)	**Lab Sample ID:**	2403164-004A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:45		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	22	ND		ug/Kg	03/21/24	14:02	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	14:02	MS	482584
beta-BHC	SW8081B	10	3.4	22	ND		ug/Kg	03/21/24	14:02	MS	482584
delta-BHC	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Heptachlor	SW8081B	10	1.1	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Aldrin	SW8081B	10	2.1	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Heptachlor Epoxide	SW8081B	10	0.85	22	ND		ug/Kg	03/21/24	14:02	MS	482584
gamma-Chlordane	SW8081B	10	1.8	22	ND		ug/Kg	03/21/24	14:02	MS	482584
alpha-Chlordane	SW8081B	10	1.9	22	ND		ug/Kg	03/21/24	14:02	MS	482584
4,4'-DDE	SW8081B	10	2.1	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Endosulfan I	SW8081B	10	2.0	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Dieldrin	SW8081B	10	1.6	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Endrin	SW8081B	10	2.0	22	ND		ug/Kg	03/21/24	14:02	MS	482584
4,4'-DDD	SW8081B	10	6.2	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Endosulfan II	SW8081B	10	6.3	22	ND		ug/Kg	03/21/24	14:02	MS	482584
4,4-DDT	SW8081B	10	1.4	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Endrin Aldehyde	SW8081B	10	1.6	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Methoxychlor	SW8081B	10	2.2	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Endosulfan Sulfate	SW8081B	10	1.3	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Endrin Ketone	SW8081B	10	4.7	22	ND		ug/Kg	03/21/24	14:02	MS	482584
Chlordane, Technical	SW8081B	10	23	220	ND		ug/Kg	03/21/24	14:02	MS	482584
Toxaphene	SW8081B	10	93	550	ND		ug/Kg	03/21/24	14:02	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**70.7**		%	03/21/24	14:02	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**79.9**		%	03/21/24	14:02	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-10(3-4)	**Lab Sample ID:**	2403164-004A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:45		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**9.01**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.09**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-10(3-4)	**Lab Sample ID:**	2403164-004A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:45		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/20/24	1:37:00PM
Prep Batch ID:	1159175	**Prep Analyst:**	AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.9	4.4	**51.7**	x	mg/Kg	03/21/24	2:01	SN	482576
TPH as Motor Oil	SW8015B	1	6.9	22	**139**		mg/Kg	03/21/24	2:01	SN	482576
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**71.2**		%	03/21/24	2:01	SN	482576

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-10(3-4)	**Lab Sample ID:**	2403164-004B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.2	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Chloromethane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Vinyl Chloride	SW8260B	1	2.0	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Bromomethane	SW8260B	1	2.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Chloroethane	SW8260B	1	3.0	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Trichlorofluoromethane	SW8260B	1	2.0	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,1-Dichloroethene	SW8260B	1	2.0	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Freon 113	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Methylene Chloride	SW8260B	1	7.0	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
trans-1,2-Dichloroethene	SW8260B	1	2.1	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
MTBE	SW8260B	1	2.3	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,1-Dichloroethane	SW8260B	1	2.2	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
cis-1,2-Dichloroethene	SW8260B	1	2.2	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
2,2-Dichloropropane	SW8260B	1	1.9	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Bromochloromethane	SW8260B	1	2.3	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Chloroform	SW8260B	1	2.3	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Carbon Tetrachloride	SW8260B	1	2.0	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,1,1-Trichloroethane	SW8260B	1	2.1	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,1-Dichloropropene	SW8260B	1	1.9	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Benzene	SW8260B	1	2.2	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,2-Dichloroethane	SW8260B	1	2.3	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Trichloroethene	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Dibromomethane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,2-Dichloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Bromodichloromethane	SW8260B	1	1.9	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
cis-1,3-Dichloropropene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Toluene	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Tetrachloroethene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,1,2-Trichloroethane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Dibromochloromethane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,3-Dichloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,2-Dibromoethane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Chlorobenzene	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Ethylbenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
m,p-Xylene	SW8260B	1	3.1	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
o-Xylene	SW8260B	1	1.7	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-10(3-4)	**Lab Sample ID:**	2403164-004B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Bromoform	SW8260B	1	1.7	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Isopropyl Benzene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
n-Propylbenzene	SW8260B	1	1.5	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Bromobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
2-Chlorotoluene	SW8260B	1	1.7	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,2,3-Trichloropropane	SW8260B	1	1.9	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
4-Chlorotoluene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
tert-Butylbenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
sec-Butyl Benzene	SW8260B	1	1.5	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
p-Isopropyltoluene	SW8260B	1	1.4	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,3-Dichlorobenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,4-Dichlorobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
n-Butylbenzene	SW8260B	1	1.4	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,2-Dichlorobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Hexachlorobutadiene	SW8260B	1	1.3	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,2,4-Trichlorobenzene	SW8260B	1	1.5	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
Naphthalene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/20/24	18:58	HV	482588
2-Butanone	SW8260B	1	2.2	9.84	ND		ug/Kg	03/20/24	18:58	HV	482588
Acetone	SW8260B	1	8.0	19.7	**18.6**	J	ug/Kg	03/20/24	18:58	HV	482588
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**85.8**		%	03/20/24	18:58	HV	482588
(S) Toluene-d8	SW8260B		55.2 - 133		**98.4**		%	03/20/24	18:58	HV	482588
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**82.2**		%	03/20/24	18:58	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-10(3-4)	**Lab Sample ID:**	2403164-004B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:45		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**9.01**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.09**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-10(3-4)	**Lab Sample ID:**	2403164-004B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 9:45		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24	10:33:00AM
Prep Batch ID:	1159234	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	43	98	ND		ug/Kg	03/20/24	18:58	HV	482588
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**88.2**		%	03/20/24	18:58	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-11(1-2)	**Lab Sample ID:**	2403164-005A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 10:30		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.097	0.58	ND		mg/Kg	03/25/24	10:57	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-11(1-2)	**Lab Sample ID:**	2403164-005A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 10:30		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.058	5.80	ND		mg/Kg	03/25/24	19:00	AT	482681
Arsenic	SW6010B	1	0.17	1.51	**4.88**		mg/Kg	03/25/24	19:00	AT	482681
Barium	SW6010B	1	0.064	5.80	**194**		mg/Kg	03/25/24	19:00	AT	482681
Beryllium	SW6010B	1	0.064	5.80	**0.452**	J	mg/Kg	03/25/24	19:00	AT	482681
Cadmium	SW6010B	1	0.12	0.870	**0.470**	J	mg/Kg	03/25/24	19:00	AT	482681
Chromium	SW6010B	1	0.087	5.80	**62.1**		mg/Kg	03/25/24	19:00	AT	482681
Cobalt	SW6010B	1	0.081	5.80	**13.9**		mg/Kg	03/25/24	19:00	AT	482681
Copper	SW6010B	1	0.23	5.80	**37.3**		mg/Kg	03/25/24	19:00	AT	482681
Lead	SW6010B	1	0.12	3.48	**14.2**		mg/Kg	03/25/24	19:00	AT	482681
Molybdenum	SW6010B	1	0.058	5.80	**1.04**	J	mg/Kg	03/25/24	19:00	AT	482681
Nickel	SW6010B	1	0.58	5.80	**74.2**		mg/Kg	03/25/24	19:00	AT	482681
Selenium	SW6010B	1	0.41	1.28	ND		mg/Kg	03/25/24	19:00	AT	482681
Silver	SW6010B	1	0.17	0.580	ND		mg/Kg	03/25/24	19:00	AT	482681
Thallium	SW6010B	1	0.23	5.80	ND		mg/Kg	03/25/24	19:00	AT	482681
Vanadium	SW6010B	1	0.12	5.80	**55.9**		mg/Kg	03/25/24	19:00	AT	482681
Zinc	SW6010B	1	0.35	5.80	**152**		mg/Kg	03/25/24	19:00	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-11(1-2)	**Lab Sample ID:**	2403164-005A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 10:30		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	5	61	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
2-Methylnaphthalene	SW8270C	5	60	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
1-Methylnaphthalene	SW8270C	5	70	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Acenaphthylene	SW8270C	5	48	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Acenaphthene	SW8270C	5	62	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Fluorene	SW8270C	5	60	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Phenanthrene	SW8270C	5	54	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Anthracene	SW8270C	5	52	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Fluoranthene	SW8270C	5	58	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Pyrene	SW8270C	5	69	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Benz[a]anthracene	SW8270C	5	57	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Chrysene	SW8270C	5	88	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Benzo[b]fluoranthene	SW8270C	5	70	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Benzo[k]fluoranthene	SW8270C	5	47	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Benzo[a]pyrene	SW8270C	5	57	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	5	80	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Dibenz[a,h]anthracene	SW8270C	5	73	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
Benzo[g,h,i]perylene	SW8270C	5	96	1200	ND		ug/Kg	03/21/24	9:38	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**78.1**		%	03/21/24	9:38	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**85.5**		%	03/21/24	9:38	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**101**		%	03/21/24	9:38	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-11(1-2)	**Lab Sample ID:**	2403164-005A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 10:30		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/20/24 11:09:00AM
Prep Batch ID:	1159160	**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.											
Aroclor1016	SW8082A	1	40.6	116	ND		ug/Kg	03/21/24	18:40	AK	482528
Aroclor1221	SW8082A	1	5.80	116	ND		ug/Kg	03/21/24	18:40	AK	482528
Aroclor1232	SW8082A	1	19.7	116	ND		ug/Kg	03/21/24	18:40	AK	482528
Aroclor1242	SW8082A	1	3.48	116	ND		ug/Kg	03/21/24	18:40	AK	482528
Aroclor1248	SW8082A	1	2.32	116	ND		ug/Kg	03/21/24	18:40	AK	482528
Aroclor1254	SW8082A	1	16.2	116	ND		ug/Kg	03/21/24	18:40	AK	482528
Aroclor1260	SW8082A	1	27.8	116	ND		ug/Kg	03/21/24	18:40	AK	482528
Total PCB	SW8082A	1	27.8	116	ND		ug/Kg	03/21/24	18:40	AK	482528
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**60.0**		%	03/21/24	18:40	AK	482528
DCBP (S)	SW8082A		48 - 135		**59.0**		%	03/21/24	18:40	AK	482528

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-11(1-2)	**Lab Sample ID:**	2403164-005A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 10:30		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	03/21/24	14:14	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	14:14	MS	482584
beta-BHC	SW8081B	10	3.7	23	ND		ug/Kg	03/21/24	14:14	MS	482584
delta-BHC	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Heptachlor	SW8081B	10	1.2	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Aldrin	SW8081B	10	2.3	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Heptachlor Epoxide	SW8081B	10	0.90	23	ND		ug/Kg	03/21/24	14:14	MS	482584
gamma-Chlordane	SW8081B	10	1.9	23	ND		ug/Kg	03/21/24	14:14	MS	482584
alpha-Chlordane	SW8081B	10	2.0	23	ND		ug/Kg	03/21/24	14:14	MS	482584
4,4'-DDE	SW8081B	10	2.3	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Endosulfan I	SW8081B	10	2.1	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Dieldrin	SW8081B	10	1.7	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Endrin	SW8081B	10	2.2	23	ND		ug/Kg	03/21/24	14:14	MS	482584
4,4'-DDD	SW8081B	10	6.6	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Endosulfan II	SW8081B	10	6.7	23	ND		ug/Kg	03/21/24	14:14	MS	482584
4,4-DDT	SW8081B	10	1.5	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Endrin Aldehyde	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Methoxychlor	SW8081B	10	2.3	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Endosulfan Sulfate	SW8081B	10	1.4	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Endrin Ketone	SW8081B	10	5.0	23	ND		ug/Kg	03/21/24	14:14	MS	482584
Chlordane, Technical	SW8081B	10	24	230	ND		ug/Kg	03/21/24	14:14	MS	482584
Toxaphene	SW8081B	10	99	580	ND		ug/Kg	03/21/24	14:14	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**54.8**		%	03/21/24	14:14	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**64.9**		%	03/21/24	14:14	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-11(1-2)	**Lab Sample ID:**	2403164-005A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 10:30		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24 6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**15.8**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.16**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-11(1-2)	**Lab Sample ID:**	2403164-005A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 10:30		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/20/24 1:37:00PM
Prep Batch ID:	1159175	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.99	2.3	**21.6**	x	mg/Kg	03/21/24	2:26	SN	482576
TPH as Motor Oil	SW8015B	1	3.7	12	**98.0**		mg/Kg	03/21/24	2:26	SN	482576
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**47.0**		%	03/21/24	2:26	SN	482576

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-11(1-2)	**Lab Sample ID:**	2403164-005B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 10:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.1	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Chloromethane	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Vinyl Chloride	SW8260B	1	1.8	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Bromomethane	SW8260B	1	2.4	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Chloroethane	SW8260B	1	2.7	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Trichlorofluoromethane	SW8260B	1	1.8	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,1-Dichloroethene	SW8260B	1	1.8	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Freon 113	SW8260B	1	1.7	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Methylene Chloride	SW8260B	1	6.3	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
trans-1,2-Dichloroethene	SW8260B	1	1.8	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
MTBE	SW8260B	1	2.1	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,1-Dichloroethane	SW8260B	1	2.0	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
cis-1,2-Dichloroethene	SW8260B	1	2.0	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
2,2-Dichloropropane	SW8260B	1	1.7	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Bromochloromethane	SW8260B	1	2.1	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Chloroform	SW8260B	1	2.1	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Carbon Tetrachloride	SW8260B	1	1.8	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,1,1-Trichloroethane	SW8260B	1	1.8	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,1-Dichloropropene	SW8260B	1	1.7	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Benzene	SW8260B	1	2.0	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,2-Dichloroethane	SW8260B	1	2.0	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Trichloroethene	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Dibromomethane	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,2-Dichloropropane	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Bromodichloromethane	SW8260B	1	1.7	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
cis-1,3-Dichloropropene	SW8260B	1	1.4	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Toluene	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Tetrachloroethene	SW8260B	1	1.5	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
trans-1,3-Dichloropropene	SW8260B	1	1.5	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,1,2-Trichloroethane	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Dibromochloromethane	SW8260B	1	1.7	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,3-Dichloropropane	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,2-Dibromoethane	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Chlorobenzene	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Ethylbenzene	SW8260B	1	1.5	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,1,1,2-Tetrachloroethane	SW8260B	1	1.7	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
m,p-Xylene	SW8260B	1	2.8	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
o-Xylene	SW8260B	1	1.5	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-11(1-2)	**Lab Sample ID:**	2403164-005B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 10:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.4	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Bromoform	SW8260B	1	1.5	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Isopropyl Benzene	SW8260B	1	1.4	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
n-Propylbenzene	SW8260B	1	1.4	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Bromobenzene	SW8260B	1	1.5	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,1,2,2-Tetrachloroethane	SW8260B	1	1.7	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
2-Chlorotoluene	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,3,5-Trimethylbenzene	SW8260B	1	1.4	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,2,3-Trichloropropane	SW8260B	1	1.7	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
4-Chlorotoluene	SW8260B	1	1.5	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
tert-Butylbenzene	SW8260B	1	1.4	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,2,4-Trimethylbenzene	SW8260B	1	1.2	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
sec-Butyl Benzene	SW8260B	1	1.4	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
p-Isopropyltoluene	SW8260B	1	1.3	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,3-Dichlorobenzene	SW8260B	1	1.5	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,4-Dichlorobenzene	SW8260B	1	1.5	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
n-Butylbenzene	SW8260B	1	1.3	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,2-Dichlorobenzene	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.6	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Hexachlorobutadiene	SW8260B	1	1.2	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,2,4-Trichlorobenzene	SW8260B	1	1.3	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
Naphthalene	SW8260B	1	1.5	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
1,2,3-Trichlorobenzene	SW8260B	1	1.5	8.8	ND		ug/Kg	03/20/24	19:20	HV	482588
2-Butanone	SW8260B	1	2.0	8.83	ND		ug/Kg	03/20/24	19:20	HV	482588
Acetone	SW8260B	1	7.2	17.7	ND		ug/Kg	03/20/24	19:20	HV	482588
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**85.8**		%	03/20/24	19:20	HV	482588
(S) Toluene-d8	SW8260B		55.2 - 133		**100**		%	03/20/24	19:20	HV	482588
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**84.1**		%	03/20/24	19:20	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-11(1-2)	**Lab Sample ID:**	2403164-005B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 10:30		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159234	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	38	88	ND		ug/Kg	03/20/24	19:20	HV	482588
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**73.2**		%	03/20/24	19:20	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SV-7(4-5)	**Lab Sample ID:**	2403164-006A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:10		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.10	0.61	ND		mg/Kg	03/25/24	10:59	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SV-7(4-5)	**Lab Sample ID:**	2403164-006A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:10		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.061	6.05	ND		mg/Kg	03/25/24	19:02	AT	482681
Arsenic	SW6010B	1	0.18	1.57	**4.36**		mg/Kg	03/25/24	19:02	AT	482681
Barium	SW6010B	1	0.067	6.05	**154**		mg/Kg	03/25/24	19:02	AT	482681
Beryllium	SW6010B	1	0.067	6.05	**0.508**	J	mg/Kg	03/25/24	19:02	AT	482681
Cadmium	SW6010B	1	0.12	0.908	**0.151**	J	mg/Kg	03/25/24	19:02	AT	482681
Chromium	SW6010B	1	0.091	6.05	**54.7**		mg/Kg	03/25/24	19:02	AT	482681
Cobalt	SW6010B	1	0.085	6.05	**8.71**		mg/Kg	03/25/24	19:02	AT	482681
Copper	SW6010B	1	0.24	6.05	**30.9**		mg/Kg	03/25/24	19:02	AT	482681
Lead	SW6010B	1	0.12	3.63	**6.17**		mg/Kg	03/25/24	19:02	AT	482681
Molybdenum	SW6010B	1	0.061	6.05	**0.309**	J	mg/Kg	03/25/24	19:02	AT	482681
Nickel	SW6010B	1	0.61	6.05	**57.1**		mg/Kg	03/25/24	19:02	AT	482681
Selenium	SW6010B	1	0.42	1.33	ND		mg/Kg	03/25/24	19:02	AT	482681
Silver	SW6010B	1	0.18	0.605	ND		mg/Kg	03/25/24	19:02	AT	482681
Thallium	SW6010B	1	0.24	6.05	ND		mg/Kg	03/25/24	19:02	AT	482681
Vanadium	SW6010B	1	0.12	6.05	**39.6**		mg/Kg	03/25/24	19:02	AT	482681
Zinc	SW6010B	1	0.36	6.05	**54.1**		mg/Kg	03/25/24	19:02	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SV-7(4-5)	**Lab Sample ID:**	2403164-006A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:10		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	1	13	240	ND		ug/Kg	03/21/24	10:06	TA	482674
2-Methylnaphthalene	SW8270C	1	13	240	ND		ug/Kg	03/21/24	10:06	TA	482674
1-Methylnaphthalene	SW8270C	1	15	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Acenaphthylene	SW8270C	1	10.	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Acenaphthene	SW8270C	1	13	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Fluorene	SW8270C	1	12	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Phenanthrene	SW8270C	1	11	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Anthracene	SW8270C	1	11	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Fluoranthene	SW8270C	1	12	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Pyrene	SW8270C	1	14	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Benz[a]anthracene	SW8270C	1	12	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Chrysene	SW8270C	1	18	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Benzo[b]fluoranthene	SW8270C	1	15	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Benzo[k]fluoranthene	SW8270C	1	9.8	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Benzo[a]pyrene	SW8270C	1	12	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	1	17	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Dibenz[a,h]anthracene	SW8270C	1	15	240	ND		ug/Kg	03/21/24	10:06	TA	482674
Benzo[g,h,i]perylene	SW8270C	1	20	240	ND		ug/Kg	03/21/24	10:06	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**75.5**		%	03/21/24	10:06	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**77.1**		%	03/21/24	10:06	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**96.0**		%	03/21/24	10:06	TA	482674

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SV-7(4-5)	**Lab Sample ID:**	2403164-006A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:10		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	42.4	121	ND		ug/Kg	03/21/24	22:26	AK	482613
Aroclor1221	SW8082A	1	6.05	121	ND		ug/Kg	03/21/24	22:26	AK	482613
Aroclor1232	SW8082A	1	20.6	121	ND		ug/Kg	03/21/24	22:26	AK	482613
Aroclor1242	SW8082A	1	3.63	121	ND		ug/Kg	03/21/24	22:26	AK	482613
Aroclor1248	SW8082A	1	2.42	121	ND		ug/Kg	03/21/24	22:26	AK	482613
Aroclor1254	SW8082A	1	16.9	121	ND		ug/Kg	03/21/24	22:26	AK	482613
Aroclor1260	SW8082A	1	29.0	121	ND		ug/Kg	03/21/24	22:26	AK	482613
Total PCB	SW8082A	1	29.0	121	ND		ug/Kg	03/21/24	22:26	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**73.0**		%	03/21/24	22:26	AK	482613
DCBP (S)	SW8082A		48 - 135		**55.0**		%	03/21/24	22:26	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SV-7(4-5)	**Lab Sample ID:**	2403164-006A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:10		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	1	0.15	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
gamma-BHC (Lindane)	SW8081B	1	0.19	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
beta-BHC	SW8081B	1	0.38	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
delta-BHC	SW8081B	1	0.19	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Heptachlor	SW8081B	1	0.13	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Aldrin	SW8081B	1	0.24	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Heptachlor Epoxide	SW8081B	1	0.094	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
gamma-Chlordane	SW8081B	1	0.20	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
alpha-Chlordane	SW8081B	1	0.21	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
4,4'-DDE	SW8081B	1	0.23	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Endosulfan I	SW8081B	1	0.22	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Dieldrin	SW8081B	1	0.18	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Endrin	SW8081B	1	0.23	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
4,4'-DDD	SW8081B	1	0.68	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Endosulfan II	SW8081B	1	0.70	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
4,4-DDT	SW8081B	1	0.16	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Endrin Aldehyde	SW8081B	1	0.18	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Methoxychlor	SW8081B	1	0.24	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Endosulfan Sulfate	SW8081B	1	0.14	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Endrin Ketone	SW8081B	1	0.52	2.4	ND		ug/Kg	03/21/24	21:22	MS	482584
Chlordane, Technical	SW8081B	1	2.6	24	ND		ug/Kg	03/21/24	21:22	MS	482584
Toxaphene	SW8081B	1	10	61	ND		ug/Kg	03/21/24	21:22	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**72.4**		%	03/21/24	21:22	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**52.0**		%	03/21/24	21:22	MS	482584

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SV-7(4-5)	**Lab Sample ID:**	2403164-006A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:10		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**20.6**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.21**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SV-7(4-5)	**Lab Sample ID:**	2403164-006A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:10		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24	9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.0	2.4	**8.07**	x	mg/Kg	03/21/24	19:45	SN	482607
TPH as Motor Oil	SW8015B	1	3.8	12	**14.5**		mg/Kg	03/21/24	19:45	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**45.2**		%	03/21/24	19:45	SN	482607

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SV-7(4-5)	**Lab Sample ID:**	2403164-006B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.3	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Chloromethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Vinyl Chloride	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Bromomethane	SW8260B	1	2.8	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Chloroethane	SW8260B	1	3.1	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,1-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Methylene Chloride	SW8260B	1	7.3	10	ND		ug/Kg	03/20/24	19:50	HV	482588
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	19:50	HV	482588
MTBE	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,1-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	19:50	HV	482588
cis-1,2-Dichloroethene	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	19:50	HV	482588
2,2-Dichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Bromochloromethane	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Benzene	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,2-Dichloroethane	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Trichloroethene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Dibromomethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	19:50	HV	482588
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Toluene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Tetrachloroethene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	19:50	HV	482588
trans-1,3-Dichloropropene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,1,2-Trichloroethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,3-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Chlorobenzene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	19:50	HV	482588
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	03/20/24	19:50	HV	482588
o-Xylene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	19:50	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SV-7(4-5)	**Lab Sample ID:**	2403164-006B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Isopropyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	19:50	HV	482588
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	19:50	HV	482588
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	19:50	HV	482588
4-Chlorotoluene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	19:50	HV	482588
tert-Butylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	03/20/24	19:50	HV	482588
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	19:50	HV	482588
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,4-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	19:50	HV	482588
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	19:50	HV	482588
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	19:50	HV	482588
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	19:50	HV	482588
2-Butanone	SW8260B	1	2.3	10.2	ND		ug/Kg	03/20/24	19:50	HV	482588
Acetone	SW8260B	1	8.4	20.5	ND		ug/Kg	03/20/24	19:50	HV	482588
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**84.8**		%	03/20/24	19:50	HV	482588
(S) Toluene-d8	SW8260B		55.2 - 133		**106**		%	03/20/24	19:50	HV	482588
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**80.0**		%	03/20/24	19:50	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SV-7(4-5)	**Lab Sample ID:**	2403164-006B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:10		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24	10:33:00AM
Prep Batch ID:	1159234	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	44	100	ND		ug/Kg	03/20/24	19:50	HV	482588
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**75.2**		%	03/20/24	19:50	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(0-1)	**Lab Sample ID:**	2403164-007A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:30		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.099	0.60	ND		mg/Kg	03/25/24	11:02	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(0-1)	**Lab Sample ID:**	2403164-007A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:30		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.060	5.95	ND		mg/Kg	03/25/24	19:04	AT	482681
Arsenic	SW6010B	1	0.18	1.55	**9.22**		mg/Kg	03/25/24	19:04	AT	482681
Barium	SW6010B	1	0.065	5.95	**247**		mg/Kg	03/25/24	19:04	AT	482681
Beryllium	SW6010B	1	0.065	5.95	**0.512**	J	mg/Kg	03/25/24	19:04	AT	482681
Cadmium	SW6010B	1	0.12	0.893	**0.351**	J	mg/Kg	03/25/24	19:04	AT	482681
Chromium	SW6010B	1	0.089	5.95	**75.0**		mg/Kg	03/25/24	19:04	AT	482681
Cobalt	SW6010B	1	0.083	5.95	**21.8**		mg/Kg	03/25/24	19:04	AT	482681
Copper	SW6010B	1	0.24	5.95	**49.0**		mg/Kg	03/25/24	19:04	AT	482681
Lead	SW6010B	1	0.12	3.57	**14.8**		mg/Kg	03/25/24	19:04	AT	482681
Molybdenum	SW6010B	1	0.060	5.95	**0.613**	J	mg/Kg	03/25/24	19:04	AT	482681
Nickel	SW6010B	1	0.60	5.95	**82.1**		mg/Kg	03/25/24	19:04	AT	482681
Selenium	SW6010B	1	0.42	1.31	ND		mg/Kg	03/25/24	19:04	AT	482681
Silver	SW6010B	1	0.18	0.595	ND		mg/Kg	03/25/24	19:04	AT	482681
Thallium	SW6010B	1	0.24	5.95	ND		mg/Kg	03/25/24	19:04	AT	482681
Vanadium	SW6010B	1	0.12	5.95	**61.3**		mg/Kg	03/25/24	19:04	AT	482681
Zinc	SW6010B	1	0.36	5.95	**80.9**		mg/Kg	03/25/24	19:04	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(0-1)	**Lab Sample ID:**	2403164-007A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:30		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	2	25	480	ND		ug/Kg	03/21/24	10:34	TA	482674
2-Methylnaphthalene	SW8270C	2	25	480	ND		ug/Kg	03/21/24	10:34	TA	482674
1-Methylnaphthalene	SW8270C	2	29	480	ND		ug/Kg	03/21/24	10:34	TA	482674
Acenaphthylene	SW8270C	2	20	480	ND		ug/Kg	03/21/24	10:34	TA	482674
Acenaphthene	SW8270C	2	25	480	ND		ug/Kg	03/21/24	10:34	TA	482674
Fluorene	SW8270C	2	25	480	ND		ug/Kg	03/21/24	10:34	TA	482674
Phenanthrene	SW8270C	2	22	480	**36.5**	J	ug/Kg	03/21/24	10:34	TA	482674
Anthracene	SW8270C	2	21	480	ND		ug/Kg	03/21/24	10:34	TA	482674
Fluoranthene	SW8270C	2	24	480	**79.2**	J	ug/Kg	03/21/24	10:34	TA	482674
Pyrene	SW8270C	2	29	480	**79.7**	J	ug/Kg	03/21/24	10:34	TA	482674
Benz[a]anthracene	SW8270C	2	23	480	**41.2**	J	ug/Kg	03/21/24	10:34	TA	482674
Chrysene	SW8270C	2	36	480	**69.8**	J	ug/Kg	03/21/24	10:34	TA	482674
Benzo[b]fluoranthene	SW8270C	2	29	480	**77.8**	J	ug/Kg	03/21/24	10:34	TA	482674
Benzo[k]fluoranthene	SW8270C	2	19	480	**24.1**	J	ug/Kg	03/21/24	10:34	TA	482674
Benzo[a]pyrene	SW8270C	2	23	480	**55.2**	J	ug/Kg	03/21/24	10:34	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	2	33	480	**44.0**	J	ug/Kg	03/21/24	10:34	TA	482674
Dibenz[a,h]anthracene	SW8270C	2	30	480	ND		ug/Kg	03/21/24	10:34	TA	482674
Benzo[g,h,i]perylene	SW8270C	2	40	480	**66.6**	J	ug/Kg	03/21/24	10:34	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**87.5**		%	03/21/24	10:34	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**88.7**		%	03/21/24	10:34	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**98.9**		%	03/21/24	10:34	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(0-1)	**Lab Sample ID:**	2403164-007A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:30		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/20/24 11:09:00AM
Prep Batch ID:	1159160	**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.											
Aroclor1016	SW8082A	1	41.7	119	ND		ug/Kg	03/20/24	18:56	AK	482528
Aroclor1221	SW8082A	1	5.95	119	ND		ug/Kg	03/20/24	18:56	AK	482528
Aroclor1232	SW8082A	1	20.2	119	ND		ug/Kg	03/20/24	18:56	AK	482528
Aroclor1242	SW8082A	1	3.57	119	ND		ug/Kg	03/20/24	18:56	AK	482528
Aroclor1248	SW8082A	1	2.38	119	ND		ug/Kg	03/20/24	18:56	AK	482528
Aroclor1254	SW8082A	1	16.7	119	ND		ug/Kg	03/20/24	18:56	AK	482528
Aroclor1260	SW8082A	1	28.6	119	ND		ug/Kg	03/20/24	18:56	AK	482528
Total PCB	SW8082A	1	28.6	119	ND		ug/Kg	03/20/24	18:56	AK	482528
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**55.0**		%	03/20/24	18:56	AK	482528
DCBP (S)	SW8082A		48 - 135		**52.0**		%	03/20/24	18:56	AK	482528

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(0-1)	**Lab Sample ID:**	2403164-007A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:30		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	24	ND		ug/Kg	03/21/24	15:08	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.9	24	ND		ug/Kg	03/21/24	15:08	MS	482584
beta-BHC	SW8081B	10	3.8	24	ND		ug/Kg	03/21/24	15:08	MS	482584
delta-BHC	SW8081B	10	1.8	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Heptachlor	SW8081B	10	1.3	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Aldrin	SW8081B	10	2.3	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Heptachlor Epoxide	SW8081B	10	0.93	24	ND		ug/Kg	03/21/24	15:08	MS	482584
gamma-Chlordane	SW8081B	10	1.9	24	ND		ug/Kg	03/21/24	15:08	MS	482584
alpha-Chlordane	SW8081B	10	2.1	24	ND		ug/Kg	03/21/24	15:08	MS	482584
4,4'-DDE	SW8081B	10	2.3	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Endosulfan I	SW8081B	10	2.2	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Dieldrin	SW8081B	10	1.8	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Endrin	SW8081B	10	2.2	24	ND		ug/Kg	03/21/24	15:08	MS	482584
4,4'-DDD	SW8081B	10	6.7	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Endosulfan II	SW8081B	10	6.9	24	ND		ug/Kg	03/21/24	15:08	MS	482584
4,4-DDT	SW8081B	10	1.5	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Endrin Aldehyde	SW8081B	10	1.8	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Methoxychlor	SW8081B	10	2.4	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Endosulfan Sulfate	SW8081B	10	1.4	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Endrin Ketone	SW8081B	10	5.2	24	ND		ug/Kg	03/21/24	15:08	MS	482584
Chlordane, Technical	SW8081B	10	25	240	ND		ug/Kg	03/21/24	15:08	MS	482584
Toxaphene	SW8081B	10	100	600	ND		ug/Kg	03/21/24	15:08	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**50.4**		%	03/21/24	15:08	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**58.0**		%	03/21/24	15:08	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(0-1)	**Lab Sample ID:**	2403164-007A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:30		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**19.3**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.19**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(0-1)	**Lab Sample ID:**	2403164-007A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:30		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/20/24 1:37:00PM
Prep Batch ID:	1159175	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	2.0	4.8	**21.4**	x	mg/Kg	03/21/24	9:52	SN	482576
TPH as Motor Oil	SW8015B	1	7.6	24	**90.5**		mg/Kg	03/21/24	9:52	SN	482576
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**62.0**		%	03/21/24	9:52	SN	482576

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(0-1)	**Lab Sample ID:**	2403164-007B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.3	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Chloromethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Vinyl Chloride	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Bromomethane	SW8260B	1	2.8	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Chloroethane	SW8260B	1	3.1	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,1-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Methylene Chloride	SW8260B	1	7.3	10	ND		ug/Kg	03/20/24	20:20	HV	482588
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	20:20	HV	482588
MTBE	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,1-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	20:20	HV	482588
cis-1,2-Dichloroethene	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	20:20	HV	482588
2,2-Dichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Bromochloromethane	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Benzene	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,2-Dichloroethane	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Trichloroethene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Dibromomethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:20	HV	482588
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Toluene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Tetrachloroethene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:20	HV	482588
trans-1,3-Dichloropropene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,1,2-Trichloroethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,3-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,2-Dibromoethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Chlorobenzene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:20	HV	482588
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	03/20/24	20:20	HV	482588
o-Xylene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	20:20	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(0-1)	**Lab Sample ID:**	2403164-007B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Isopropyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:20	HV	482588
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:20	HV	482588
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,2,3-Trichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:20	HV	482588
4-Chlorotoluene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:20	HV	482588
tert-Butylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	03/20/24	20:20	HV	482588
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	20:20	HV	482588
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,4-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	20:20	HV	482588
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	20:20	HV	482588
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:20	HV	482588
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:20	HV	482588
2-Butanone	SW8260B	1	2.3	10.3	ND		ug/Kg	03/20/24	20:20	HV	482588
Acetone	SW8260B	1	8.4	20.5	**14.0**	J	ug/Kg	03/20/24	20:20	HV	482588
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**80.6**		%	03/20/24	20:20	HV	482588
(S) Toluene-d8	SW8260B		55.2 - 133		**103**		%	03/20/24	20:20	HV	482588
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**81.8**		%	03/20/24	20:20	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(0-1)	**Lab Sample ID:**	2403164-007B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:30		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24	10:33:00AM
Prep Batch ID:	1159234	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	44	100	ND		ug/Kg	03/20/24	20:20	HV	482588
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**76.5**		%	03/20/24	20:20	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(4-5)	**Lab Sample ID:**	2403164-008A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:35		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.10	0.61	ND		mg/Kg	03/25/24	11:08	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(4-5)	**Lab Sample ID:**	2403164-008A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:35		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.061	6.10	ND		mg/Kg	03/25/24	19:09	AT	482681
Arsenic	SW6010B	1	0.18	1.59	**4.57**		mg/Kg	03/25/24	19:09	AT	482681
Barium	SW6010B	1	0.067	6.10	**163**		mg/Kg	03/25/24	19:09	AT	482681
Beryllium	SW6010B	1	0.067	6.10	**0.378**	J	mg/Kg	03/25/24	19:09	AT	482681
Cadmium	SW6010B	1	0.12	0.915	**0.134**	J	mg/Kg	03/25/24	19:09	AT	482681
Chromium	SW6010B	1	0.092	6.10	**33.2**		mg/Kg	03/25/24	19:09	AT	482681
Cobalt	SW6010B	1	0.085	6.10	**8.78**		mg/Kg	03/25/24	19:09	AT	482681
Copper	SW6010B	1	0.24	6.10	**17.8**		mg/Kg	03/25/24	19:09	AT	482681
Lead	SW6010B	1	0.12	3.66	**4.31**		mg/Kg	03/25/24	19:09	AT	482681
Molybdenum	SW6010B	1	0.061	6.10	**0.244**	J	mg/Kg	03/25/24	19:09	AT	482681
Nickel	SW6010B	1	0.61	6.10	**43.2**		mg/Kg	03/25/24	19:09	AT	482681
Selenium	SW6010B	1	0.43	1.34	ND		mg/Kg	03/25/24	19:09	AT	482681
Silver	SW6010B	1	0.18	0.610	ND		mg/Kg	03/25/24	19:09	AT	482681
Thallium	SW6010B	1	0.24	6.10	ND		mg/Kg	03/25/24	19:09	AT	482681
Vanadium	SW6010B	1	0.12	6.10	**45.6**		mg/Kg	03/25/24	19:09	AT	482681
Zinc	SW6010B	1	0.37	6.10	**41.3**		mg/Kg	03/25/24	19:09	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(4-5)	**Lab Sample ID:**	2403164-008A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:35		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	1	13	240	ND		ug/Kg	03/21/24	11:03	TA	482674
2-Methylnaphthalene	SW8270C	1	13	240	ND		ug/Kg	03/21/24	11:03	TA	482674
1-Methylnaphthalene	SW8270C	1	15	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Acenaphthylene	SW8270C	1	10	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Acenaphthene	SW8270C	1	13	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Fluorene	SW8270C	1	13	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Phenanthrene	SW8270C	1	11	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Anthracene	SW8270C	1	11	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Fluoranthene	SW8270C	1	12	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Pyrene	SW8270C	1	15	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Benz[a]anthracene	SW8270C	1	12	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Chrysene	SW8270C	1	19	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Benzo[b]fluoranthene	SW8270C	1	15	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Benzo[k]fluoranthene	SW8270C	1	9.9	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Benzo[a]pyrene	SW8270C	1	12	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	1	17	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Dibenz[a,h]anthracene	SW8270C	1	15	240	ND		ug/Kg	03/21/24	11:03	TA	482674
Benzo[g,h,i]perylene	SW8270C	1	20	240	ND		ug/Kg	03/21/24	11:03	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**72.0**		%	03/21/24	11:03	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**75.1**		%	03/21/24	11:03	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**85.3**		%	03/21/24	11:03	TA	482674

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(4-5)	**Lab Sample ID:**	2403164-008A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:35		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/20/24	11:09:00AM
Prep Batch ID:	1159160	**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.											
Aroclor1016	SW8082A	1	42.7	122	ND		ug/Kg	03/20/24	19:11	AK	482528
Aroclor1221	SW8082A	1	6.10	122	ND		ug/Kg	03/20/24	19:11	AK	482528
Aroclor1232	SW8082A	1	20.7	122	ND		ug/Kg	03/20/24	19:11	AK	482528
Aroclor1242	SW8082A	1	3.66	122	ND		ug/Kg	03/20/24	19:11	AK	482528
Aroclor1248	SW8082A	1	2.44	122	ND		ug/Kg	03/20/24	19:11	AK	482528
Aroclor1254	SW8082A	1	17.1	122	ND		ug/Kg	03/20/24	19:11	AK	482528
Aroclor1260	SW8082A	1	29.3	122	ND		ug/Kg	03/20/24	19:11	AK	482528
Total PCB	SW8082A	1	29.3	122	ND		ug/Kg	03/20/24	19:11	AK	482528
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**62.0**		%	03/20/24	19:11	AK	482528
DCBP (S)	SW8082A		48 - 135		**55.0**		%	03/20/24	19:11	AK	482528

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(4-5)	**Lab Sample ID:**	2403164-008A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:35		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24	2:54:00PM
Prep Batch ID:	1159177	**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	1	0.15	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
gamma-BHC (Lindane)	SW8081B	1	0.19	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
beta-BHC	SW8081B	1	0.39	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
delta-BHC	SW8081B	1	0.19	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Heptachlor	SW8081B	1	0.13	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Aldrin	SW8081B	1	0.24	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Heptachlor Epoxide	SW8081B	1	0.095	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
gamma-Chlordane	SW8081B	1	0.20	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
alpha-Chlordane	SW8081B	1	0.21	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
4,4'-DDE	SW8081B	1	0.24	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Endosulfan I	SW8081B	1	0.22	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Dieldrin	SW8081B	1	0.18	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Endrin	SW8081B	1	0.23	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
4,4'-DDD	SW8081B	1	0.69	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Endosulfan II	SW8081B	1	0.70	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
4,4-DDT	SW8081B	1	0.16	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Endrin Aldehyde	SW8081B	1	0.18	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Methoxychlor	SW8081B	1	0.24	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Endosulfan Sulfate	SW8081B	1	0.14	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Endrin Ketone	SW8081B	1	0.53	2.4	ND		ug/Kg	03/21/24	15:22	MS	482584
Chlordane, Technical	SW8081B	1	2.6	24	ND		ug/Kg	03/21/24	15:22	MS	482584
Toxaphene	SW8081B	1	10	61	ND		ug/Kg	03/21/24	15:22	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**58.5**		%	03/21/24	15:22	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**55.9**		%	03/21/24	15:22	MS	482584

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(4-5)	**Lab Sample ID:**	2403164-008A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:35		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**21.9**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.22**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(4-5)	**Lab Sample ID:**	2403164-008A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:35		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/20/24	1:37:00PM
Prep Batch ID:	1159175	**Prep Analyst:**	AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.0	2.4	**3.08**	x	mg/Kg	03/21/24	10:17	SN	482576
TPH as Motor Oil	SW8015B	1	3.9	12	ND		mg/Kg	03/21/24	10:17	SN	482576
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**36.5**	S	%	03/21/24	10:17	SN	482576

NOTE: S-surrogate outside of control limits due to possible matrix interference
x-not typical of Diesel ref. std: peaks within Diesel range quantified as diesel

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(4-5)	**Lab Sample ID:**	2403164-008B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:35		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.2	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Chloromethane	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Vinyl Chloride	SW8260B	1	2.0	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Bromomethane	SW8260B	1	2.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Chloroethane	SW8260B	1	2.9	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Trichlorofluoromethane	SW8260B	1	2.0	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,1-Dichloroethene	SW8260B	1	1.9	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Freon 113	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Methylene Chloride	SW8260B	1	6.8	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
trans-1,2-Dichloroethene	SW8260B	1	2.0	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
MTBE	SW8260B	1	2.2	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,1-Dichloroethane	SW8260B	1	2.1	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
cis-1,2-Dichloroethene	SW8260B	1	2.1	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
2,2-Dichloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Bromochloromethane	SW8260B	1	2.2	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Chloroform	SW8260B	1	2.3	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Carbon Tetrachloride	SW8260B	1	2.0	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,1,1-Trichloroethane	SW8260B	1	2.0	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,1-Dichloropropene	SW8260B	1	1.9	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Benzene	SW8260B	1	2.1	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,2-Dichloroethane	SW8260B	1	2.2	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Trichloroethene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Dibromomethane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,2-Dichloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Bromodichloromethane	SW8260B	1	1.9	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
cis-1,3-Dichloropropene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Toluene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Tetrachloroethene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,1,2-Trichloroethane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Dibromochloromethane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,3-Dichloropropane	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,2-Dibromoethane	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Chlorobenzene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Ethylbenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,1,1,2-Tetrachloroethane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
m,p-Xylene	SW8260B	1	3.0	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
o-Xylene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(4-5)	**Lab Sample ID:**	2403164-008B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:35		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159232	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Bromoform	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Isopropyl Benzene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
n-Propylbenzene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Bromobenzene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,1,2,2-Tetrachloroethane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
2-Chlorotoluene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,2,3-Trichloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
4-Chlorotoluene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
tert-Butylbenzene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
sec-Butyl Benzene	SW8260B	1	1.5	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
p-Isopropyltoluene	SW8260B	1	1.4	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,3-Dichlorobenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,4-Dichlorobenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
n-Butylbenzene	SW8260B	1	1.4	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,2-Dichlorobenzene	SW8260B	1	1.7	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Hexachlorobutadiene	SW8260B	1	1.3	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,2,4-Trichlorobenzene	SW8260B	1	1.4	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
Naphthalene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.5	ND		ug/Kg	03/20/24	20:51	HV	482588
2-Butanone	SW8260B	1	2.2	9.55	ND		ug/Kg	03/20/24	20:51	HV	482588
Acetone	SW8260B	1	7.8	19.1	ND		ug/Kg	03/20/24	20:51	HV	482588
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**80.2**		%	03/20/24	20:51	HV	482588
(S) Toluene-d8	SW8260B		55.2 - 133		**98.1**		%	03/20/24	20:51	HV	482588
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**81.2**		%	03/20/24	20:51	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-12(4-5)	**Lab Sample ID:**	2403164-008B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 11:35		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24 10:33:00AM
Prep Batch ID:	1159234	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	41	95	ND		ug/Kg	03/20/24	20:51	HV	482588
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**87.0**		%	03/20/24	20:51	HV	482588

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-13(3-4)	**Lab Sample ID:**	2403164-009A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:00		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.096	0.58	ND		mg/Kg	03/25/24	11:10	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-13(3-4)	**Lab Sample ID:**	2403164-009A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:00		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.058	5.75	ND		mg/Kg	03/25/24	19:10	AT	482681
Arsenic	SW6010B	1	0.17	1.50	**11.1**		mg/Kg	03/25/24	19:10	AT	482681
Barium	SW6010B	1	0.063	5.75	**189**		mg/Kg	03/25/24	19:10	AT	482681
Beryllium	SW6010B	1	0.063	5.75	**0.673**	J	mg/Kg	03/25/24	19:10	AT	482681
Cadmium	SW6010B	1	0.12	0.863	**0.288**	J	mg/Kg	03/25/24	19:10	AT	482681
Chromium	SW6010B	1	0.086	5.75	**75.3**		mg/Kg	03/25/24	19:10	AT	482681
Cobalt	SW6010B	1	0.081	5.75	**15.2**		mg/Kg	03/25/24	19:10	AT	482681
Copper	SW6010B	1	0.23	5.75	**40.3**		mg/Kg	03/25/24	19:10	AT	482681
Lead	SW6010B	1	0.12	3.45	**10.1**		mg/Kg	03/25/24	19:10	AT	482681
Molybdenum	SW6010B	1	0.058	5.75	**0.972**	J	mg/Kg	03/25/24	19:10	AT	482681
Nickel	SW6010B	1	0.58	5.75	**84.5**		mg/Kg	03/25/24	19:10	AT	482681
Selenium	SW6010B	1	0.40	1.27	ND		mg/Kg	03/25/24	19:10	AT	482681
Silver	SW6010B	1	0.17	0.575	ND		mg/Kg	03/25/24	19:10	AT	482681
Thallium	SW6010B	1	0.23	5.75	ND		mg/Kg	03/25/24	19:10	AT	482681
Vanadium	SW6010B	1	0.12	5.75	**56.2**		mg/Kg	03/25/24	19:10	AT	482681
Zinc	SW6010B	1	0.35	5.75	**75.3**		mg/Kg	03/25/24	19:10	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-13(3-4)	**Lab Sample ID:**	2403164-009A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:00		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	1	12	230	ND		ug/Kg	03/21/24	11:31	TA	482674
2-Methylnaphthalene	SW8270C	1	12	230	ND		ug/Kg	03/21/24	11:31	TA	482674
1-Methylnaphthalene	SW8270C	1	14	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Acenaphthylene	SW8270C	1	9.5	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Acenaphthene	SW8270C	1	12	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Fluorene	SW8270C	1	12	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Phenanthrene	SW8270C	1	11	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Anthracene	SW8270C	1	10	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Fluoranthene	SW8270C	1	11	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Pyrene	SW8270C	1	14	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Benz[a]anthracene	SW8270C	1	11	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Chrysene	SW8270C	1	17	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Benzo[b]fluoranthene	SW8270C	1	14	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Benzo[k]fluoranthene	SW8270C	1	9.3	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Benzo[a]pyrene	SW8270C	1	11	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	1	16	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Dibenz[a,h]anthracene	SW8270C	1	15	230	ND		ug/Kg	03/21/24	11:31	TA	482674
Benzo[g,h,i]perylene	SW8270C	1	19	230	ND		ug/Kg	03/21/24	11:31	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**80.4**		%	03/21/24	11:31	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**83.4**		%	03/21/24	11:31	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**94.0**		%	03/21/24	11:31	TA	482674

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-13(3-4)	**Lab Sample ID:**	2403164-009A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:00		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	40.3	115	ND		ug/Kg	03/21/24	13:19	AK	482613
Aroclor1221	SW8082A	1	5.75	115	ND		ug/Kg	03/21/24	13:19	AK	482613
Aroclor1232	SW8082A	1	19.6	115	ND		ug/Kg	03/21/24	13:19	AK	482613
Aroclor1242	SW8082A	1	3.45	115	ND		ug/Kg	03/21/24	13:19	AK	482613
Aroclor1248	SW8082A	1	2.30	115	ND		ug/Kg	03/21/24	13:19	AK	482613
Aroclor1254	SW8082A	1	16.1	115	ND		ug/Kg	03/21/24	13:19	AK	482613
Aroclor1260	SW8082A	1	27.6	115	ND		ug/Kg	03/21/24	13:19	AK	482613
Total PCB	SW8082A	1	27.6	115	ND		ug/Kg	03/21/24	13:19	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**99.0**		%	03/21/24	13:19	AK	482613
DCBP (S)	SW8082A		48 - 135		**100**		%	03/21/24	13:19	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-13(3-4)	**Lab Sample ID:**	2403164-009A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:00		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	0.44	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
gamma-BHC (Lindane)	SW8081B	3	0.55	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
beta-BHC	SW8081B	3	1.1	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
delta-BHC	SW8081B	3	0.53	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Heptachlor	SW8081B	3	0.36	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Aldrin	SW8081B	3	0.67	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Heptachlor Epoxide	SW8081B	3	0.27	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
gamma-Chlordane	SW8081B	3	0.56	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
alpha-Chlordane	SW8081B	3	0.60	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
4,4'-DDE	SW8081B	3	0.67	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Endosulfan I	SW8081B	3	0.63	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Dieldrin	SW8081B	3	0.51	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Endrin	SW8081B	3	0.65	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
4,4'-DDD	SW8081B	3	1.9	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Endosulfan II	SW8081B	3	2.0	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
4,4-DDT	SW8081B	3	0.45	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Endrin Aldehyde	SW8081B	3	0.52	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Methoxychlor	SW8081B	3	0.69	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Endosulfan Sulfate	SW8081B	3	0.40	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Endrin Ketone	SW8081B	3	1.5	6.9	ND		ug/Kg	03/21/24	15:35	MS	482584
Chlordane, Technical	SW8081B	3	7.3	69	ND		ug/Kg	03/21/24	15:35	MS	482584
Toxaphene	SW8081B	3	29	170	ND		ug/Kg	03/21/24	15:35	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**80.6**		%	03/21/24	15:35	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**86.2**		%	03/21/24	15:35	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-13(3-4)	**Lab Sample ID:**	2403164-009A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:00		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**14.8**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.15**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-13(3-4)	**Lab Sample ID:**	2403164-009A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:00		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24	9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.98	2.3	**9.65**	x	mg/Kg	03/21/24	20:11	SN	482607
TPH as Motor Oil	SW8015B	1	3.7	12	**24.3**		mg/Kg	03/21/24	20:11	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**71.3**		%	03/21/24	20:11	SN	482607

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-13(3-4)	**Lab Sample ID:**	2403164-009B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/21/24 11:03:00AM
Prep Batch ID:	1159261	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.2	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Chloromethane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Vinyl Chloride	SW8260B	1	2.0	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Bromomethane	SW8260B	1	2.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Chloroethane	SW8260B	1	3.0	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Trichlorofluoromethane	SW8260B	1	2.0	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,1-Dichloroethene	SW8260B	1	2.0	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Freon 113	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Methylene Chloride	SW8260B	1	7.0	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
trans-1,2-Dichloroethene	SW8260B	1	2.0	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
MTBE	SW8260B	1	2.3	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,1-Dichloroethane	SW8260B	1	2.2	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
cis-1,2-Dichloroethene	SW8260B	1	2.2	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
2,2-Dichloropropane	SW8260B	1	1.9	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Bromochloromethane	SW8260B	1	2.3	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Chloroform	SW8260B	1	2.3	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Carbon Tetrachloride	SW8260B	1	2.0	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,1,1-Trichloroethane	SW8260B	1	2.1	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,1-Dichloropropene	SW8260B	1	1.9	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Benzene	SW8260B	1	2.2	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,2-Dichloroethane	SW8260B	1	2.3	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Trichloroethene	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Dibromomethane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,2-Dichloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Bromodichloromethane	SW8260B	1	1.9	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
cis-1,3-Dichloropropene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Toluene	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Tetrachloroethene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,1,2-Trichloroethane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Dibromochloromethane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,3-Dichloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,2-Dibromoethane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Chlorobenzene	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Ethylbenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
m,p-Xylene	SW8260B	1	3.1	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
o-Xylene	SW8260B	1	1.7	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-13(3-4)	**Lab Sample ID:**	2403164-009B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/21/24 11:03:00AM
Prep Batch ID:	1159261	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Bromoform	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Isopropyl Benzene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
n-Propylbenzene	SW8260B	1	1.5	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Bromobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
2-Chlorotoluene	SW8260B	1	1.7	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,2,3-Trichloropropane	SW8260B	1	1.9	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
4-Chlorotoluene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
tert-Butylbenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
sec-Butyl Benzene	SW8260B	1	1.5	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
p-Isopropyltoluene	SW8260B	1	1.4	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,3-Dichlorobenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,4-Dichlorobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
n-Butylbenzene	SW8260B	1	1.4	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,2-Dichlorobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Hexachlorobutadiene	SW8260B	1	1.3	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,2,4-Trichlorobenzene	SW8260B	1	1.4	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
Naphthalene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	03/21/24	21:04	HV	482643
2-Butanone	SW8260B	1	2.2	9.81	ND		ug/Kg	03/21/24	21:04	HV	482643
Acetone	SW8260B	1	8.0	19.6	ND		ug/Kg	03/21/24	21:04	HV	482643
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**77.5**		%	03/21/24	21:04	HV	482643
(S) Toluene-d8	SW8260B		55.2 - 133		**102**		%	03/21/24	21:04	HV	482643
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**80.8**		%	03/21/24	21:04	HV	482643

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-13(3-4)	**Lab Sample ID:**	2403164-009B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:00		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/21/24 11:03:00AM
Prep Batch ID:	1159262	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	42	98	ND		ug/Kg	03/21/24	21:04	HV	482643
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**90.7**		%	03/21/24	21:04	HV	482643

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(0-1)	**Lab Sample ID:**	2403164-010A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:30		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.095	0.57	ND		mg/Kg	03/25/24	11:12	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(0-1)	**Lab Sample ID:**	2403164-010A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:30		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.057	5.70	ND		mg/Kg	03/25/24	19:15	AT	482681
Arsenic	SW6010B	1	0.17	1.48	**14.4**		mg/Kg	03/25/24	19:15	AT	482681
Barium	SW6010B	1	0.063	5.70	**165**		mg/Kg	03/25/24	19:15	AT	482681
Beryllium	SW6010B	1	0.063	5.70	**0.553**	J	mg/Kg	03/25/24	19:15	AT	482681
Cadmium	SW6010B	1	0.11	0.855	**0.485**	J	mg/Kg	03/25/24	19:15	AT	482681
Chromium	SW6010B	1	0.086	5.70	**56.1**		mg/Kg	03/25/24	19:15	AT	482681
Cobalt	SW6010B	1	0.080	5.70	**13.3**		mg/Kg	03/25/24	19:15	AT	482681
Copper	SW6010B	1	0.23	5.70	**46.9**		mg/Kg	03/25/24	19:15	AT	482681
Lead	SW6010B	1	0.11	3.42	**19.3**		mg/Kg	03/25/24	19:15	AT	482681
Molybdenum	SW6010B	1	0.057	5.70	**1.26**	J	mg/Kg	03/25/24	19:15	AT	482681
Nickel	SW6010B	1	0.57	5.70	**80.4**		mg/Kg	03/25/24	19:15	AT	482681
Selenium	SW6010B	1	0.40	1.25	ND		mg/Kg	03/25/24	19:15	AT	482681
Silver	SW6010B	1	0.17	0.570	ND		mg/Kg	03/25/24	19:15	AT	482681
Thallium	SW6010B	1	0.23	5.70	ND		mg/Kg	03/25/24	19:15	AT	482681
Vanadium	SW6010B	1	0.11	5.70	**53.8**		mg/Kg	03/25/24	19:15	AT	482681
Zinc	SW6010B	1	0.34	5.70	**105**		mg/Kg	03/25/24	19:15	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(0-1)	**Lab Sample ID:**	2403164-010A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:30		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	5	60	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
2-Methylnaphthalene	SW8270C	5	59	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
1-Methylnaphthalene	SW8270C	5	69	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Acenaphthylene	SW8270C	5	47	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Acenaphthene	SW8270C	5	61	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Fluorene	SW8270C	5	59	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Phenanthrene	SW8270C	5	53	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Anthracene	SW8270C	5	51	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Fluoranthene	SW8270C	5	57	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Pyrene	SW8270C	5	68	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Benz[a]anthracene	SW8270C	5	56	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Chrysene	SW8270C	5	86	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Benzo[b]fluoranthene	SW8270C	5	68	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Benzo[k]fluoranthene	SW8270C	5	46	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Benzo[a]pyrene	SW8270C	5	56	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	5	79	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Dibenz[a,h]anthracene	SW8270C	5	72	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
Benzo[g,h,i]perylene	SW8270C	5	95	1100	ND		ug/Kg	03/21/24	11:59	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**89.4**		%	03/21/24	11:59	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**88.2**		%	03/21/24	11:59	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**95.1**		%	03/21/24	11:59	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(0-1)	**Lab Sample ID:**	2403164-010A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:30		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/20/24 11:09:00AM
Prep Batch ID:	1159160	**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.											
Aroclor1016	SW8082A	1	39.9	114	ND		ug/Kg	03/20/24	19:27	AK	482528
Aroclor1221	SW8082A	1	5.70	114	ND		ug/Kg	03/20/24	19:27	AK	482528
Aroclor1232	SW8082A	1	19.4	114	ND		ug/Kg	03/20/24	19:27	AK	482528
Aroclor1242	SW8082A	1	3.42	114	ND		ug/Kg	03/20/24	19:27	AK	482528
Aroclor1248	SW8082A	1	2.28	114	ND		ug/Kg	03/20/24	19:27	AK	482528
Aroclor1254	SW8082A	1	16.0	114	ND		ug/Kg	03/20/24	19:27	AK	482528
Aroclor1260	SW8082A	1	27.4	114	**73.0**	J	ug/Kg	03/20/24	19:27	AK	482528
Total PCB	SW8082A	1	27.4	114	**73.0**	J	ug/Kg	03/20/24	19:27	AK	482528
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**91.0**		%	03/20/24	19:27	AK	482528
DCBP (S)	SW8082A		48 - 135		**97.0**		%	03/20/24	19:27	AK	482528

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(0-1)	**Lab Sample ID:**	2403164-010A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:30		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24	2:54:00PM
Prep Batch ID:	1159177	**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	23	ND		ug/Kg	03/21/24	15:49	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	15:49	MS	482584
beta-BHC	SW8081B	10	3.6	23	ND		ug/Kg	03/21/24	15:49	MS	482584
delta-BHC	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	15:49	MS	482584
Heptachlor	SW8081B	10	1.2	23	ND		ug/Kg	03/21/24	15:49	MS	482584
Aldrin	SW8081B	10	2.2	23	ND		ug/Kg	03/21/24	15:49	MS	482584
Heptachlor Epoxide	SW8081B	10	0.89	23	ND		ug/Kg	03/21/24	15:49	MS	482584
gamma-Chlordane	SW8081B	10	1.9	23	**2.99**	J	ug/Kg	03/21/24	15:49	MS	482584
alpha-Chlordane	SW8081B	10	2.0	23	ND		ug/Kg	03/21/24	15:49	MS	482584
4,4'-DDE	SW8081B	10	2.2	23	**8.87**	J	ug/Kg	03/21/24	15:49	MS	482584
Endosulfan I	SW8081B	10	2.1	23	ND		ug/Kg	03/21/24	15:49	MS	482584
Dieldrin	SW8081B	10	1.7	23	ND		ug/Kg	03/21/24	15:49	MS	482584
Endrin	SW8081B	10	2.1	23	ND		ug/Kg	03/21/24	15:49	MS	482584
4,4'-DDD	SW8081B	10	6.4	23	ND		ug/Kg	03/21/24	15:49	MS	482584
Endosulfan II	SW8081B	10	6.6	23	ND		ug/Kg	03/21/24	15:49	MS	482584
4,4-DDT	SW8081B	10	1.5	23	ND		ug/Kg	03/21/24	15:49	MS	482584
Endrin Aldehyde	SW8081B	10	1.7	23	ND		ug/Kg	03/21/24	15:49	MS	482584
Methoxychlor	SW8081B	10	2.3	23	ND		ug/Kg	03/21/24	15:49	MS	482584
Endosulfan Sulfate	SW8081B	10	1.3	23	ND		ug/Kg	03/21/24	15:49	MS	482584
Endrin Ketone	SW8081B	10	4.9	23	ND		ug/Kg	03/21/24	15:49	MS	482584
Chlordane, Technical	SW8081B	10	24	230	ND		ug/Kg	03/21/24	15:49	MS	482584
Toxaphene	SW8081B	10	97	570	ND		ug/Kg	03/21/24	15:49	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**93.5**		%	03/21/24	15:49	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**104**		%	03/21/24	15:49	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(0-1)	**Lab Sample ID:**	2403164-010A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:30		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24 6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**13.8**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.14**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(0-1)	**Lab Sample ID:**	2403164-010A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:30		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/20/24 1:37:00PM
Prep Batch ID:	1159175	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	3.9	9.1	**73.6**	x	mg/Kg	03/21/24	10:42	SN	482576
TPH as Motor Oil	SW8015B	1	15	46	**280**		mg/Kg	03/21/24	10:42	SN	482576
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**87.6**		%	03/21/24	10:42	SN	482576

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(0-1)	**Lab Sample ID:**	2403164-010B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/21/24 11:03:00AM
Prep Batch ID:	1159261	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Chloromethane	SW8260B	1	2.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Bromomethane	SW8260B	1	3.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Chloroethane	SW8260B	1	3.5	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Trichlorofluoromethane	SW8260B	1	2.4	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Freon 113	SW8260B	1	2.2	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Methylene Chloride	SW8260B	1	8.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
trans-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	03/21/24	21:33	HV	482643
MTBE	SW8260B	1	2.7	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	03/21/24	21:33	HV	482643
cis-1,2-Dichloroethene	SW8260B	1	2.6	11	ND		ug/Kg	03/21/24	21:33	HV	482643
2,2-Dichloropropane	SW8260B	1	2.2	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Bromochloromethane	SW8260B	1	2.7	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Chloroform	SW8260B	1	2.7	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Carbon Tetrachloride	SW8260B	1	2.4	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,1,1-Trichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,1-Dichloropropene	SW8260B	1	2.3	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Benzene	SW8260B	1	2.6	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,2-Dichloroethane	SW8260B	1	2.7	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Trichloroethene	SW8260B	1	2.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Dibromomethane	SW8260B	1	2.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Bromodichloromethane	SW8260B	1	2.3	11	ND		ug/Kg	03/21/24	21:33	HV	482643
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Toluene	SW8260B	1	2.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Tetrachloroethene	SW8260B	1	1.9	11	ND		ug/Kg	03/21/24	21:33	HV	482643
trans-1,3-Dichloropropene	SW8260B	1	1.9	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,1,2-Trichloroethane	SW8260B	1	2.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Dibromochloromethane	SW8260B	1	2.2	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,3-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,2-Dibromoethane	SW8260B	1	2.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Chlorobenzene	SW8260B	1	2.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Ethylbenzene	SW8260B	1	1.9	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	03/21/24	21:33	HV	482643
m,p-Xylene	SW8260B	1	3.6	11	ND		ug/Kg	03/21/24	21:33	HV	482643
o-Xylene	SW8260B	1	2.0	11	ND		ug/Kg	03/21/24	21:33	HV	482643

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(0-1)	**Lab Sample ID:**	2403164-010B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/21/24 11:03:00AM
Prep Batch ID:	1159261	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.9	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Bromoform	SW8260B	1	1.9	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Isopropyl Benzene	SW8260B	1	1.9	11	ND		ug/Kg	03/21/24	21:33	HV	482643
n-Propylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Bromobenzene	SW8260B	1	2.0	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	03/21/24	21:33	HV	482643
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,3,5-Trimethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,2,3-Trichloropropane	SW8260B	1	2.2	11	ND		ug/Kg	03/21/24	21:33	HV	482643
4-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	03/21/24	21:33	HV	482643
tert-Butylbenzene	SW8260B	1	1.9	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,2,4-Trimethylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	03/21/24	21:33	HV	482643
sec-Butyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	03/21/24	21:33	HV	482643
p-Isopropyltoluene	SW8260B	1	1.7	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,3-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,4-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	03/21/24	21:33	HV	482643
n-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Hexachlorobutadiene	SW8260B	1	1.6	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,2,4-Trichlorobenzene	SW8260B	1	1.7	11	ND		ug/Kg	03/21/24	21:33	HV	482643
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	03/21/24	21:33	HV	482643
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	03/21/24	21:33	HV	482643
2-Butanone	SW8260B	1	2.6	11.5	ND		ug/Kg	03/21/24	21:33	HV	482643
Acetone	SW8260B	1	9.4	22.9	ND		ug/Kg	03/21/24	21:33	HV	482643
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**80.0**		%	03/21/24	21:33	HV	482643
(S) Toluene-d8	SW8260B		55.2 - 133		**98.2**		%	03/21/24	21:33	HV	482643
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**83.8**		%	03/21/24	21:33	HV	482643

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(0-1)	**Lab Sample ID:**	2403164-010B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:30		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/21/24 11:03:00AM
Prep Batch ID:	1159262	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	50	110	ND		ug/Kg	03/21/24	21:33	HV	482643
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**85.0**		%	03/21/24	21:33	HV	482643

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(3-4)	**Lab Sample ID:**	2403164-011A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:35		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.11	0.67	ND		mg/Kg	03/25/24	11:15	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(3-4)	**Lab Sample ID:**	2403164-011A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:35		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.067	6.70	ND		mg/Kg	03/25/24	19:17	AT	482681
Arsenic	SW6010B	1	0.20	1.74	**15.5**		mg/Kg	03/25/24	19:17	AT	482681
Barium	SW6010B	1	0.074	6.70	**391**		mg/Kg	03/25/24	19:17	AT	482681
Beryllium	SW6010B	1	0.074	6.70	**0.811**	J	mg/Kg	03/25/24	19:17	AT	482681
Cadmium	SW6010B	1	0.13	1.01	**0.214**	J	mg/Kg	03/25/24	19:17	AT	482681
Chromium	SW6010B	1	0.10	6.70	**66.9**		mg/Kg	03/25/24	19:17	AT	482681
Cobalt	SW6010B	1	0.094	6.70	**23.8**		mg/Kg	03/25/24	19:17	AT	482681
Copper	SW6010B	1	0.27	6.70	**33.8**		mg/Kg	03/25/24	19:17	AT	482681
Lead	SW6010B	1	0.13	4.02	**10.3**		mg/Kg	03/25/24	19:17	AT	482681
Molybdenum	SW6010B	1	0.067	6.70	**3.81**	J	mg/Kg	03/25/24	19:17	AT	482681
Nickel	SW6010B	1	0.67	6.70	**91.1**		mg/Kg	03/25/24	19:17	AT	482681
Selenium	SW6010B	1	0.47	1.47	ND		mg/Kg	03/25/24	19:17	AT	482681
Silver	SW6010B	1	0.20	0.670	ND		mg/Kg	03/25/24	19:17	AT	482681
Thallium	SW6010B	1	0.27	6.70	ND		mg/Kg	03/25/24	19:17	AT	482681
Vanadium	SW6010B	1	0.13	6.70	**52.8**		mg/Kg	03/25/24	19:17	AT	482681
Zinc	SW6010B	1	0.40	6.70	**55.5**		mg/Kg	03/25/24	19:17	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(3-4)	**Lab Sample ID:**	2403164-011A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:35		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	1	14	270	ND		ug/Kg	03/22/24	12:28	TA	482674
2-Methylnaphthalene	SW8270C	1	14	270	ND		ug/Kg	03/22/24	12:28	TA	482674
1-Methylnaphthalene	SW8270C	1	16	270	ND		ug/Kg	03/22/24	12:28	TA	482674
Acenaphthylene	SW8270C	1	11	270	ND		ug/Kg	03/22/24	12:28	TA	482674
Acenaphthene	SW8270C	1	14	270	ND		ug/Kg	03/22/24	12:28	TA	482674
Fluorene	SW8270C	1	14	270	ND		ug/Kg	03/22/24	12:28	TA	482674
Phenanthrene	SW8270C	1	12	270	**17.0**	J	ug/Kg	03/22/24	12:28	TA	482674
Anthracene	SW8270C	1	12	270	ND		ug/Kg	03/22/24	12:28	TA	482674
Fluoranthene	SW8270C	1	13	270	**19.6**	J	ug/Kg	03/22/24	12:28	TA	482674
Pyrene	SW8270C	1	16	270	ND		ug/Kg	03/22/24	12:28	TA	482674
Benz[a]anthracene	SW8270C	1	13	270	ND		ug/Kg	03/22/24	12:28	TA	482674
Chrysene	SW8270C	1	20	270	**32.5**	J	ug/Kg	03/22/24	12:28	TA	482674
Benzo[b]fluoranthene	SW8270C	1	16	270	**18.8**	J	ug/Kg	03/22/24	12:28	TA	482674
Benzo[k]fluoranthene	SW8270C	1	11	270	ND		ug/Kg	03/22/24	12:28	TA	482674
Benzo[a]pyrene	SW8270C	1	13	270	ND		ug/Kg	03/22/24	12:28	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	1	18	270	ND		ug/Kg	03/22/24	12:28	TA	482674
Dibenz[a,h]anthracene	SW8270C	1	17	270	ND		ug/Kg	03/22/24	12:28	TA	482674
Benzo[g,h,i]perylene	SW8270C	1	22	270	ND		ug/Kg	03/22/24	12:28	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**79.3**		%	03/22/24	12:28	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**78.5**		%	03/22/24	12:28	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**92.8**		%	03/22/24	12:28	TA	482674

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(3-4)	**Lab Sample ID:**	2403164-011A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:35		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	46.9	134	ND		ug/Kg	03/21/24	19:22	AK	482613
Aroclor1221	SW8082A	1	6.70	134	ND		ug/Kg	03/21/24	19:22	AK	482613
Aroclor1232	SW8082A	1	22.8	134	ND		ug/Kg	03/21/24	19:22	AK	482613
Aroclor1242	SW8082A	1	4.02	134	ND		ug/Kg	03/21/24	19:22	AK	482613
Aroclor1248	SW8082A	1	2.68	134	ND		ug/Kg	03/21/24	19:22	AK	482613
Aroclor1254	SW8082A	1	18.8	134	ND		ug/Kg	03/21/24	19:22	AK	482613
Aroclor1260	SW8082A	1	32.2	134	ND		ug/Kg	03/21/24	19:22	AK	482613
Total PCB	SW8082A	1	32.2	134	ND		ug/Kg	03/21/24	19:22	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**84.0**		%	03/21/24	19:22	AK	482613
DCBP (S)	SW8082A		48 - 135		**101**		%	03/21/24	19:22	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(3-4)	**Lab Sample ID:**	2403164-011A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:35		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	1	0.17	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
gamma-BHC (Lindane)	SW8081B	1	0.21	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
beta-BHC	SW8081B	1	0.42	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
delta-BHC	SW8081B	1	0.21	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
Heptachlor	SW8081B	1	0.14	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
Aldrin	SW8081B	1	0.26	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
Heptachlor Epoxide	SW8081B	1	0.10	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
gamma-Chlordane	SW8081B	1	0.22	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
alpha-Chlordane	SW8081B	1	0.23	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
4,4'-DDE	SW8081B	1	0.26	2.7	**1.52**	J	ug/Kg	03/21/24	16:55	MS	482584
Endosulfan I	SW8081B	1	0.25	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
Dieldrin	SW8081B	1	0.20	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
Endrin	SW8081B	1	0.25	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
4,4'-DDD	SW8081B	1	0.76	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
Endosulfan II	SW8081B	1	0.77	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
4,4-DDT	SW8081B	1	0.17	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
Endrin Aldehyde	SW8081B	1	0.20	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
Methoxychlor	SW8081B	1	0.27	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
Endosulfan Sulfate	SW8081B	1	0.16	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
Endrin Ketone	SW8081B	1	0.58	2.7	ND		ug/Kg	03/21/24	16:55	MS	482584
Chlordane, Technical	SW8081B	1	2.8	27	ND		ug/Kg	03/21/24	16:55	MS	482584
Toxaphene	SW8081B	1	11	67	ND		ug/Kg	03/21/24	16:55	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**83.8**		%	03/21/24	16:55	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**83.9**		%	03/21/24	16:55	MS	482584

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(3-4)	**Lab Sample ID:**	2403164-011A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:35		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**33.7**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.34**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(3-4)	**Lab Sample ID:**	2403164-011A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:35		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24	9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.1	2.7	**19.5**	x	mg/Kg	03/21/24	20:36	SN	482607
TPH as Motor Oil	SW8015B	1	4.3	13	**48.8**		mg/Kg	03/21/24	20:36	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**73.3**		%	03/21/24	20:36	SN	482607

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(3-4)	**Lab Sample ID:**	2403164-011B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:35		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/21/24 11:03:00AM
Prep Batch ID:	1159261	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.6	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Chloromethane	SW8260B	1	2.4	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Vinyl Chloride	SW8260B	1	2.7	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Bromomethane	SW8260B	1	3.5	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Chloroethane	SW8260B	1	3.9	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Trichlorofluoromethane	SW8260B	1	2.7	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,1-Dichloroethene	SW8260B	1	2.6	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Freon 113	SW8260B	1	2.5	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Methylene Chloride	SW8260B	1	9.3	13	ND		ug/Kg	03/21/24	22:02	HV	482643
trans-1,2-Dichloroethene	SW8260B	1	2.7	13	ND		ug/Kg	03/21/24	22:02	HV	482643
MTBE	SW8260B	1	3.1	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,1-Dichloroethane	SW8260B	1	2.9	13	ND		ug/Kg	03/21/24	22:02	HV	482643
cis-1,2-Dichloroethene	SW8260B	1	2.9	13	ND		ug/Kg	03/21/24	22:02	HV	482643
2,2-Dichloropropane	SW8260B	1	2.5	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Bromochloromethane	SW8260B	1	3.0	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Chloroform	SW8260B	1	3.1	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Carbon Tetrachloride	SW8260B	1	2.7	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,1,1-Trichloroethane	SW8260B	1	2.7	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,1-Dichloropropene	SW8260B	1	2.6	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Benzene	SW8260B	1	2.9	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,2-Dichloroethane	SW8260B	1	3.0	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Trichloroethene	SW8260B	1	2.4	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Dibromomethane	SW8260B	1	2.4	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,2-Dichloropropane	SW8260B	1	2.4	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Bromodichloromethane	SW8260B	1	2.6	13	ND		ug/Kg	03/21/24	22:02	HV	482643
cis-1,3-Dichloropropene	SW8260B	1	2.1	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Toluene	SW8260B	1	2.4	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Tetrachloroethene	SW8260B	1	2.2	13	ND		ug/Kg	03/21/24	22:02	HV	482643
trans-1,3-Dichloropropene	SW8260B	1	2.1	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,1,2-Trichloroethane	SW8260B	1	2.4	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Dibromochloromethane	SW8260B	1	2.4	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,3-Dichloropropane	SW8260B	1	2.4	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,2-Dibromoethane	SW8260B	1	2.4	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Chlorobenzene	SW8260B	1	2.4	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Ethylbenzene	SW8260B	1	2.2	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,1,1,2-Tetrachloroethane	SW8260B	1	2.5	13	ND		ug/Kg	03/21/24	22:02	HV	482643
m,p-Xylene	SW8260B	1	4.1	13	ND		ug/Kg	03/21/24	22:02	HV	482643
o-Xylene	SW8260B	1	2.3	13	ND		ug/Kg	03/21/24	22:02	HV	482643

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(3-4)	**Lab Sample ID:**	2403164-011B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:35		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/21/24 11:03:00AM
Prep Batch ID:	1159261	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	2.1	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Bromoform	SW8260B	1	2.2	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Isopropyl Benzene	SW8260B	1	2.1	13	ND		ug/Kg	03/21/24	22:02	HV	482643
n-Propylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Bromobenzene	SW8260B	1	2.3	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,1,2,2-Tetrachloroethane	SW8260B	1	2.5	13	ND		ug/Kg	03/21/24	22:02	HV	482643
2-Chlorotoluene	SW8260B	1	2.3	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,3,5-Trimethylbenzene	SW8260B	1	2.1	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,2,3-Trichloropropane	SW8260B	1	2.5	13	ND		ug/Kg	03/21/24	22:02	HV	482643
4-Chlorotoluene	SW8260B	1	2.1	13	ND		ug/Kg	03/21/24	22:02	HV	482643
tert-Butylbenzene	SW8260B	1	2.1	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,2,4-Trimethylbenzene	SW8260B	1	1.8	13	ND		ug/Kg	03/21/24	22:02	HV	482643
sec-Butyl Benzene	SW8260B	1	2.0	13	ND		ug/Kg	03/21/24	22:02	HV	482643
p-Isopropyltoluene	SW8260B	1	1.9	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,3-Dichlorobenzene	SW8260B	1	2.2	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,4-Dichlorobenzene	SW8260B	1	2.2	13	ND		ug/Kg	03/21/24	22:02	HV	482643
n-Butylbenzene	SW8260B	1	1.9	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,2-Dichlorobenzene	SW8260B	1	2.3	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.4	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Hexachlorobutadiene	SW8260B	1	1.8	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,2,4-Trichlorobenzene	SW8260B	1	1.9	13	ND		ug/Kg	03/21/24	22:02	HV	482643
Naphthalene	SW8260B	1	2.2	13	ND		ug/Kg	03/21/24	22:02	HV	482643
1,2,3-Trichlorobenzene	SW8260B	1	2.2	13	ND		ug/Kg	03/21/24	22:02	HV	482643
2-Butanone	SW8260B	1	3.0	13.1	ND		ug/Kg	03/21/24	22:02	HV	482643
Acetone	SW8260B	1	11	26.1	**16.4**	J	ug/Kg	03/21/24	22:02	HV	482643
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**78.4**		%	03/21/24	22:02	HV	482643
(S) Toluene-d8	SW8260B		55.2 - 133		**104**		%	03/21/24	22:02	HV	482643
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**81.9**		%	03/21/24	22:02	HV	482643

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-14(3-4)	**Lab Sample ID:**	2403164-011B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 12:35		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/21/24 11:03:00AM
Prep Batch ID:	1159262	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	56	130	ND		ug/Kg	03/21/24	22:02	HV	482643
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**71.9**		%	03/21/24	22:02	HV	482643

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-6(1-2)	**Lab Sample ID:**	2403164-012A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:00		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.092	0.55	ND		mg/Kg	03/25/24	11:21	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-6(1-2)	**Lab Sample ID:**	2403164-012A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:00		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.055	5.50	ND		mg/Kg	03/25/24	19:19	AT	482681
Arsenic	SW6010B	1	0.17	1.43	**6.44**		mg/Kg	03/25/24	19:19	AT	482681
Barium	SW6010B	1	0.061	5.50	**207**		mg/Kg	03/25/24	19:19	AT	482681
Beryllium	SW6010B	1	0.061	5.50	**0.473**	J	mg/Kg	03/25/24	19:19	AT	482681
Cadmium	SW6010B	1	0.11	0.825	**0.275**	J	mg/Kg	03/25/24	19:19	AT	482681
Chromium	SW6010B	1	0.083	5.50	**53.1**		mg/Kg	03/25/24	19:19	AT	482681
Cobalt	SW6010B	1	0.077	5.50	**12.7**		mg/Kg	03/25/24	19:19	AT	482681
Copper	SW6010B	1	0.22	5.50	**40.6**		mg/Kg	03/25/24	19:19	AT	482681
Lead	SW6010B	1	0.11	3.30	**22.3**		mg/Kg	03/25/24	19:19	AT	482681
Molybdenum	SW6010B	1	0.055	5.50	**0.946**	J	mg/Kg	03/25/24	19:19	AT	482681
Nickel	SW6010B	1	0.55	5.50	**71.0**		mg/Kg	03/25/24	19:19	AT	482681
Selenium	SW6010B	1	0.39	1.21	ND		mg/Kg	03/25/24	19:19	AT	482681
Silver	SW6010B	1	0.17	0.550	ND		mg/Kg	03/25/24	19:19	AT	482681
Thallium	SW6010B	1	0.22	5.50	ND		mg/Kg	03/25/24	19:19	AT	482681
Vanadium	SW6010B	1	0.11	5.50	**52.3**		mg/Kg	03/25/24	19:19	AT	482681
Zinc	SW6010B	1	0.33	5.50	**93.0**		mg/Kg	03/25/24	19:19	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-6(1-2)	**Lab Sample ID:**	2403164-012A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:00		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	20	230	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
2-Methylnaphthalene	SW8270C	20	230	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
1-Methylnaphthalene	SW8270C	20	270	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Acenaphthylene	SW8270C	20	180	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Acenaphthene	SW8270C	20	230	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Fluorene	SW8270C	20	230	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Phenanthrene	SW8270C	20	200	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Anthracene	SW8270C	20	200	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Fluoranthene	SW8270C	20	220	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Pyrene	SW8270C	20	260	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Benz[a]anthracene	SW8270C	20	220	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Chrysene	SW8270C	20	330	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Benzo[b]fluoranthene	SW8270C	20	260	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Benzo[k]fluoranthene	SW8270C	20	180	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Benzo[a]pyrene	SW8270C	20	220	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	20	300	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Dibenz[a,h]anthracene	SW8270C	20	280	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
Benzo[g,h,i]perylene	SW8270C	20	370	4400	ND		ug/Kg	03/22/24	12:56	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**0.000**	D	%	03/22/24	12:56	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**0.000**	D	%	03/22/24	12:56	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**0.000**	D	%	03/22/24	12:56	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-6(1-2)	**Lab Sample ID:**	2403164-012A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:00		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	38.5	110	ND		ug/Kg	03/21/24	19:37	AK	482613
Aroclor1221	SW8082A	1	5.50	110	ND		ug/Kg	03/21/24	19:37	AK	482613
Aroclor1232	SW8082A	1	18.7	110	ND		ug/Kg	03/21/24	19:37	AK	482613
Aroclor1242	SW8082A	1	3.30	110	ND		ug/Kg	03/21/24	19:37	AK	482613
Aroclor1248	SW8082A	1	2.20	110	ND		ug/Kg	03/21/24	19:37	AK	482613
Aroclor1254	SW8082A	1	15.4	110	ND		ug/Kg	03/21/24	19:37	AK	482613
Aroclor1260	SW8082A	1	26.4	110	ND		ug/Kg	03/21/24	19:37	AK	482613
Total PCB	SW8082A	1	26.4	110	ND		ug/Kg	03/21/24	19:37	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**65.0**		%	03/21/24	19:37	AK	482613
DCBP (S)	SW8082A		48 - 135		**82.0**		%	03/21/24	19:37	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-6(1-2)	**Lab Sample ID:**	2403164-012A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:00		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	22	ND		ug/Kg	03/21/24	17:08	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	17:08	MS	482584
beta-BHC	SW8081B	10	3.5	22	ND		ug/Kg	03/21/24	17:08	MS	482584
delta-BHC	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Heptachlor	SW8081B	10	1.2	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Aldrin	SW8081B	10	2.1	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Heptachlor Epoxide	SW8081B	10	0.86	22	ND		ug/Kg	03/21/24	17:08	MS	482584
gamma-Chlordane	SW8081B	10	1.8	22	**4.44**	J	ug/Kg	03/21/24	17:08	MS	482584
alpha-Chlordane	SW8081B	10	1.9	22	ND		ug/Kg	03/21/24	17:08	MS	482584
4,4'-DDE	SW8081B	10	2.1	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Endosulfan I	SW8081B	10	2.0	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Dieldrin	SW8081B	10	1.6	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Endrin	SW8081B	10	2.1	22	ND		ug/Kg	03/21/24	17:08	MS	482584
4,4'-DDD	SW8081B	10	6.2	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Endosulfan II	SW8081B	10	6.3	22	ND		ug/Kg	03/21/24	17:08	MS	482584
4,4-DDT	SW8081B	10	1.4	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Endrin Aldehyde	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Methoxychlor	SW8081B	10	2.2	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Endosulfan Sulfate	SW8081B	10	1.3	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Endrin Ketone	SW8081B	10	4.8	22	ND		ug/Kg	03/21/24	17:08	MS	482584
Chlordane, Technical	SW8081B	10	23	220	ND		ug/Kg	03/21/24	17:08	MS	482584
Toxaphene	SW8081B	10	94	550	ND		ug/Kg	03/21/24	17:08	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**61.2**		%	03/21/24	17:08	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**65.8**		%	03/21/24	17:08	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-6(1-2)	**Lab Sample ID:**	2403164-012A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:00		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**9.86**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.10**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-6(1-2)	**Lab Sample ID:**	2403164-012A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:00		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24 9:50:00AM
Prep Batch ID:	1159195	**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.											
TPH as Diesel	SW8015B	1	3.7	8.8	**51.3**	x	mg/Kg	03/21/24	21:00	SN	482607
TPH as Motor Oil	SW8015B	1	14	44	**273**		mg/Kg	03/21/24	21:00	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**55.0**		%	03/21/24	21:00	SN	482607

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-6(1-2)	**Lab Sample ID:**	2403164-012B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/22/24 9:30:00AM
Prep Batch ID:	1159265	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.1	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Chloromethane	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Vinyl Chloride	SW8260B	1	1.9	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Bromomethane	SW8260B	1	2.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Chloroethane	SW8260B	1	2.8	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Trichlorofluoromethane	SW8260B	1	1.9	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,1-Dichloroethene	SW8260B	1	1.9	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Freon 113	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Methylene Chloride	SW8260B	1	6.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
trans-1,2-Dichloroethene	SW8260B	1	1.9	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
MTBE	SW8260B	1	2.2	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,1-Dichloroethane	SW8260B	1	2.0	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
cis-1,2-Dichloroethene	SW8260B	1	2.0	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
2,2-Dichloropropane	SW8260B	1	1.8	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Bromochloromethane	SW8260B	1	2.1	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Chloroform	SW8260B	1	2.2	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Carbon Tetrachloride	SW8260B	1	1.9	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,1,1-Trichloroethane	SW8260B	1	1.9	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,1-Dichloropropene	SW8260B	1	1.8	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Benzene	SW8260B	1	2.0	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,2-Dichloroethane	SW8260B	1	2.1	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Trichloroethene	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Dibromomethane	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,2-Dichloropropane	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Bromodichloromethane	SW8260B	1	1.8	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
cis-1,3-Dichloropropene	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Toluene	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Tetrachloroethene	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
trans-1,3-Dichloropropene	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,1,2-Trichloroethane	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Dibromochloromethane	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,3-Dichloropropane	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,2-Dibromoethane	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Chlorobenzene	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Ethylbenzene	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,1,1,2-Tetrachloroethane	SW8260B	1	1.8	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
m,p-Xylene	SW8260B	1	2.9	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
o-Xylene	SW8260B	1	1.6	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-6(1-2)	**Lab Sample ID:**	2403164-012B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/22/24 9:30:00AM
Prep Batch ID:	1159265	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Bromoform	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Isopropyl Benzene	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
n-Propylbenzene	SW8260B	1	1.4	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Bromobenzene	SW8260B	1	1.6	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,1,2,2-Tetrachloroethane	SW8260B	1	1.8	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
2-Chlorotoluene	SW8260B	1	1.6	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,3,5-Trimethylbenzene	SW8260B	1	1.4	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,2,3-Trichloropropane	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
4-Chlorotoluene	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
tert-Butylbenzene	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,2,4-Trimethylbenzene	SW8260B	1	1.2	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
sec-Butyl Benzene	SW8260B	1	1.4	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
p-Isopropyltoluene	SW8260B	1	1.3	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,3-Dichlorobenzene	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,4-Dichlorobenzene	SW8260B	1	1.6	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
n-Butylbenzene	SW8260B	1	1.3	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,2-Dichlorobenzene	SW8260B	1	1.6	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.7	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Hexachlorobutadiene	SW8260B	1	1.3	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,2,4-Trichlorobenzene	SW8260B	1	1.4	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
Naphthalene	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
1,2,3-Trichlorobenzene	SW8260B	1	1.5	9.2	ND		ug/Kg	03/22/24	19:00	HV	482637
2-Butanone	SW8260B	1	2.1	9.18	ND		ug/Kg	03/22/24	19:00	HV	482637
Acetone	SW8260B	1	7.5	18.4	ND		ug/Kg	03/22/24	19:00	HV	482637
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**80.4**		%	03/22/24	19:00	HV	482637
(S) Toluene-d8	SW8260B		55.2 - 133		**104**		%	03/22/24	19:00	HV	482637
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**83.2**		%	03/22/24	19:00	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-6(1-2)	**Lab Sample ID:**	2403164-012B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:00		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/22/24	9:30:00AM
Prep Batch ID:	1159266	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	40	92	ND		ug/Kg	03/22/24	19:00	HV	482637
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**58.5**		%	03/22/24	19:00	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-5(2-3)	**Lab Sample ID:**	2403164-013A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:30		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.093	0.56	**0.18**	J	mg/Kg	03/25/24	11:23	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-5(2-3)	**Lab Sample ID:**	2403164-013A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:30		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.056	5.55	ND		mg/Kg	03/25/24	19:21	AT	482681
Arsenic	SW6010B	1	0.17	1.44	**8.05**		mg/Kg	03/25/24	19:21	AT	482681
Barium	SW6010B	1	0.061	5.55	**749**		mg/Kg	03/25/24	19:21	AT	482681
Beryllium	SW6010B	1	0.061	5.55	**0.305**	J	mg/Kg	03/25/24	19:21	AT	482681
Cadmium	SW6010B	1	0.11	0.833	**0.755**	J	mg/Kg	03/25/24	19:21	AT	482681
Chromium	SW6010B	1	0.083	5.55	**48.6**		mg/Kg	03/25/24	19:21	AT	482681
Cobalt	SW6010B	1	0.078	5.55	**13.1**		mg/Kg	03/25/24	19:21	AT	482681
Copper	SW6010B	1	0.22	5.55	**49.8**		mg/Kg	03/25/24	19:21	AT	482681
Lead	SW6010B	1	0.11	3.33	**59.4**		mg/Kg	03/25/24	19:21	AT	482681
Molybdenum	SW6010B	1	0.056	5.55	**0.821**	J	mg/Kg	03/25/24	19:21	AT	482681
Nickel	SW6010B	1	0.56	5.55	**52.2**		mg/Kg	03/25/24	19:21	AT	482681
Selenium	SW6010B	1	0.39	1.22	ND		mg/Kg	03/25/24	19:21	AT	482681
Silver	SW6010B	1	0.17	0.555	ND		mg/Kg	03/25/24	19:21	AT	482681
Thallium	SW6010B	1	0.22	5.55	ND		mg/Kg	03/25/24	19:21	AT	482681
Vanadium	SW6010B	1	0.11	5.55	**54.8**		mg/Kg	03/25/24	19:21	AT	482681
Zinc	SW6010B	1	0.33	5.55	**155**		mg/Kg	03/25/24	19:21	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-5(2-3)	**Lab Sample ID:**	2403164-013A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:30		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	10	120	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
2-Methylnaphthalene	SW8270C	10	120	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
1-Methylnaphthalene	SW8270C	10	130	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Acenaphthylene	SW8270C	10	92	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Acenaphthene	SW8270C	10	120	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Fluorene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Phenanthrene	SW8270C	10	100	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Anthracene	SW8270C	10	99	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Fluoranthene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Pyrene	SW8270C	10	130	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Benz[a]anthracene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Chrysene	SW8270C	10	170	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Benzo[b]fluoranthene	SW8270C	10	130	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Benzo[k]fluoranthene	SW8270C	10	90	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Benzo[a]pyrene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	10	150	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Dibenz[a,h]anthracene	SW8270C	10	140	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
Benzo[g,h,i]perylene	SW8270C	10	180	2200	ND		ug/Kg	03/22/24	1:25	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**84.1**		%	03/22/24	1:25	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**83.7**		%	03/22/24	1:25	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**100**		%	03/22/24	1:25	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-5(2-3)	**Lab Sample ID:**	2403164-013A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:30		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	38.9	111	ND		ug/Kg	03/21/24	19:53	AK	482613
Aroclor1221	SW8082A	1	5.55	111	ND		ug/Kg	03/21/24	19:53	AK	482613
Aroclor1232	SW8082A	1	18.9	111	ND		ug/Kg	03/21/24	19:53	AK	482613
Aroclor1242	SW8082A	1	3.33	111	ND		ug/Kg	03/21/24	19:53	AK	482613
Aroclor1248	SW8082A	1	2.22	111	ND		ug/Kg	03/21/24	19:53	AK	482613
Aroclor1254	SW8082A	1	15.5	111	ND		ug/Kg	03/21/24	19:53	AK	482613
Aroclor1260	SW8082A	1	26.6	111	ND		ug/Kg	03/21/24	19:53	AK	482613
Total PCB	SW8082A	1	26.6	111	ND		ug/Kg	03/21/24	19:53	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**68.0**		%	03/21/24	19:53	AK	482613
DCBP (S)	SW8082A		48 - 135		**73.0**		%	03/21/24	19:53	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-5(2-3)	**Lab Sample ID:**	2403164-013A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:30		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	22	ND		ug/Kg	03/21/24	17:21	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.8	22	ND		ug/Kg	03/21/24	17:21	MS	482584
beta-BHC	SW8081B	10	3.5	22	ND		ug/Kg	03/21/24	17:21	MS	482584
delta-BHC	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	17:21	MS	482584
Heptachlor	SW8081B	10	1.2	22	ND		ug/Kg	03/21/24	17:21	MS	482584
Aldrin	SW8081B	10	2.2	22	ND		ug/Kg	03/21/24	17:21	MS	482584
Heptachlor Epoxide	SW8081B	10	0.87	22	ND		ug/Kg	03/21/24	17:21	MS	482584
gamma-Chlordane	SW8081B	10	1.8	22	ND		ug/Kg	03/21/24	17:21	MS	482584
alpha-Chlordane	SW8081B	10	1.9	22	ND		ug/Kg	03/21/24	17:21	MS	482584
4,4'-DDE	SW8081B	10	2.2	22	**13.4**	J	ug/Kg	03/21/24	17:21	MS	482584
Endosulfan I	SW8081B	10	2.0	22	ND		ug/Kg	03/21/24	17:21	MS	482584
Dieldrin	SW8081B	10	1.6	22	ND		ug/Kg	03/21/24	17:21	MS	482584
Endrin	SW8081B	10	2.1	22	ND		ug/Kg	03/21/24	17:21	MS	482584
4,4'-DDD	SW8081B	10	6.3	22	**7.96**	J	ug/Kg	03/21/24	17:21	MS	482584
Endosulfan II	SW8081B	10	6.4	22	ND		ug/Kg	03/21/24	17:21	MS	482584
4,4-DDT	SW8081B	10	1.4	22	ND		ug/Kg	03/21/24	17:21	MS	482584
Endrin Aldehyde	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	17:21	MS	482584
Methoxychlor	SW8081B	10	2.2	22	ND		ug/Kg	03/21/24	17:21	MS	482584
Endosulfan Sulfate	SW8081B	10	1.3	22	ND		ug/Kg	03/21/24	17:21	MS	482584
Endrin Ketone	SW8081B	10	4.8	22	ND		ug/Kg	03/21/24	17:21	MS	482584
Chlordane, Technical	SW8081B	10	23	220	ND		ug/Kg	03/21/24	17:21	MS	482584
Toxaphene	SW8081B	10	95	560	ND		ug/Kg	03/21/24	17:21	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**63.6**		%	03/21/24	17:21	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**65.7**		%	03/21/24	17:21	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-5(2-3)	**Lab Sample ID:**	2403164-013A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:30		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**10.8**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.11**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-5(2-3)	**Lab Sample ID:**	2403164-013A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:30		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24 9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.9	4.4	**76.8**	x	mg/Kg	03/21/24	21:25	SN	482607
TPH as Motor Oil	SW8015B	1	7.1	22	**188**		mg/Kg	03/21/24	21:25	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**61.4**		%	03/21/24	21:25	SN	482607

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-5(2-3)	**Lab Sample ID:**	2403164-013B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/22/24 9:30:00AM
Prep Batch ID:	1159265	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.2	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Chloromethane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Vinyl Chloride	SW8260B	1	2.0	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Bromomethane	SW8260B	1	2.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Chloroethane	SW8260B	1	3.0	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Trichlorofluoromethane	SW8260B	1	2.0	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,1-Dichloroethene	SW8260B	1	2.0	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Freon 113	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Methylene Chloride	SW8260B	1	7.0	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
trans-1,2-Dichloroethene	SW8260B	1	2.1	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
MTBE	SW8260B	1	2.3	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,1-Dichloroethane	SW8260B	1	2.2	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
cis-1,2-Dichloroethene	SW8260B	1	2.2	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
2,2-Dichloropropane	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Bromochloromethane	SW8260B	1	2.3	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Chloroform	SW8260B	1	2.3	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Carbon Tetrachloride	SW8260B	1	2.0	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,1,1-Trichloroethane	SW8260B	1	2.1	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,1-Dichloropropene	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Benzene	SW8260B	1	2.2	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,2-Dichloroethane	SW8260B	1	2.3	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Trichloroethene	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Dibromomethane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,2-Dichloropropane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Bromodichloromethane	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
cis-1,3-Dichloropropene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Toluene	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Tetrachloroethene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,1,2-Trichloroethane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Dibromochloromethane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,3-Dichloropropane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,2-Dibromoethane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Chlorobenzene	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Ethylbenzene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
m,p-Xylene	SW8260B	1	3.1	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
o-Xylene	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-5(2-3)	**Lab Sample ID:**	2403164-013B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/22/24 9:30:00AM
Prep Batch ID:	1159265	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Bromoform	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Isopropyl Benzene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
n-Propylbenzene	SW8260B	1	1.5	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Bromobenzene	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
2-Chlorotoluene	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,2,3-Trichloropropane	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
4-Chlorotoluene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
tert-Butylbenzene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
sec-Butyl Benzene	SW8260B	1	1.5	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
p-Isopropyltoluene	SW8260B	1	1.4	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,3-Dichlorobenzene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,4-Dichlorobenzene	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
n-Butylbenzene	SW8260B	1	1.4	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,2-Dichlorobenzene	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Hexachlorobutadiene	SW8260B	1	1.3	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,2,4-Trichlorobenzene	SW8260B	1	1.5	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
Naphthalene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:29	HV	482637
2-Butanone	SW8260B	1	2.3	9.86	ND		ug/Kg	03/22/24	19:29	HV	482637
Acetone	SW8260B	1	8.0	19.7	**12.2**	J	ug/Kg	03/22/24	19:29	HV	482637
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**81.6**		%	03/22/24	19:29	HV	482637
(S) Toluene-d8	SW8260B		55.2 - 133		**96.1**		%	03/22/24	19:29	HV	482637
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**88.4**		%	03/22/24	19:29	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-5(2-3)	**Lab Sample ID:**	2403164-013B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 13:30		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/22/24	9:30:00AM
Prep Batch ID:	1159266	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	43	99	ND		ug/Kg	03/22/24	19:29	HV	482637
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**91.8**		%	03/22/24	19:29	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(0-1)	**Lab Sample ID:**	2403164-014A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:00		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.092	0.55	**0.11**	J	mg/Kg	03/25/24	11:25	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(0-1)	**Lab Sample ID:**	2403164-014A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:00		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.055	5.50	ND		mg/Kg	03/25/24	19:22	AT	482681
Arsenic	SW6010B	1	0.17	1.43	**4.75**		mg/Kg	03/25/24	19:22	AT	482681
Barium	SW6010B	1	0.061	5.50	**704**		mg/Kg	03/25/24	19:22	AT	482681
Beryllium	SW6010B	1	0.061	5.50	**0.319**	J	mg/Kg	03/25/24	19:22	AT	482681
Cadmium	SW6010B	1	0.11	0.825	**0.556**	J	mg/Kg	03/25/24	19:22	AT	482681
Chromium	SW6010B	1	0.083	5.50	**93.0**		mg/Kg	03/25/24	19:22	AT	482681
Cobalt	SW6010B	1	0.077	5.50	**20.4**		mg/Kg	03/25/24	19:22	AT	482681
Copper	SW6010B	1	0.22	5.50	**53.0**		mg/Kg	03/25/24	19:22	AT	482681
Lead	SW6010B	1	0.11	3.30	**4.50**		mg/Kg	03/25/24	19:22	AT	482681
Molybdenum	SW6010B	1	0.055	5.50	**2.65**	J	mg/Kg	03/25/24	19:22	AT	482681
Nickel	SW6010B	1	0.55	5.50	**119**		mg/Kg	03/25/24	19:22	AT	482681
Selenium	SW6010B	1	0.39	1.21	ND		mg/Kg	03/25/24	19:22	AT	482681
Silver	SW6010B	1	0.17	0.550	ND		mg/Kg	03/25/24	19:22	AT	482681
Thallium	SW6010B	1	0.22	5.50	ND		mg/Kg	03/25/24	19:22	AT	482681
Vanadium	SW6010B	1	0.11	5.50	**73.7**		mg/Kg	03/25/24	19:22	AT	482681
Zinc	SW6010B	1	0.33	5.50	**74.3**		mg/Kg	03/25/24	19:22	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(0-1)	**Lab Sample ID:**	2403164-014A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:00		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	10	120	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
2-Methylnaphthalene	SW8270C	10	110	2200	**146**	J	ug/Kg	03/22/24	1:53	TA	482674
1-Methylnaphthalene	SW8270C	10	130	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Acenaphthylene	SW8270C	10	91	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Acenaphthene	SW8270C	10	120	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Fluorene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Phenanthrene	SW8270C	10	100	2200	**265**	J	ug/Kg	03/22/24	1:53	TA	482674
Anthracene	SW8270C	10	98	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Fluoranthene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Pyrene	SW8270C	10	130	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Benz[a]anthracene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Chrysene	SW8270C	10	170	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Benzo[b]fluoranthene	SW8270C	10	130	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Benzo[k]fluoranthene	SW8270C	10	89	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Benzo[a]pyrene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	10	150	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Dibenz[a,h]anthracene	SW8270C	10	140	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
Benzo[g,h,i]perylene	SW8270C	10	180	2200	ND		ug/Kg	03/22/24	1:53	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**95.1**		%	03/22/24	1:53	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**93.1**		%	03/22/24	1:53	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**98.8**		%	03/22/24	1:53	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(0-1)	**Lab Sample ID:**	2403164-014A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:00		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	38.5	110	ND		ug/Kg	03/21/24	20:08	AK	482613
Aroclor1221	SW8082A	1	5.50	110	ND		ug/Kg	03/21/24	20:08	AK	482613
Aroclor1232	SW8082A	1	18.7	110	ND		ug/Kg	03/21/24	20:08	AK	482613
Aroclor1242	SW8082A	1	3.30	110	ND		ug/Kg	03/21/24	20:08	AK	482613
Aroclor1248	SW8082A	1	2.20	110	ND		ug/Kg	03/21/24	20:08	AK	482613
Aroclor1254	SW8082A	1	15.4	110	ND		ug/Kg	03/21/24	20:08	AK	482613
Aroclor1260	SW8082A	1	26.4	110	ND		ug/Kg	03/21/24	20:08	AK	482613
Total PCB	SW8082A	1	26.4	110	ND		ug/Kg	03/21/24	20:08	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**91.0**		%	03/21/24	20:08	AK	482613
DCBP (S)	SW8082A		48 - 135		**100**		%	03/21/24	20:08	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(0-1)	**Lab Sample ID:**	2403164-014A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:00		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	2.8	44	ND		ug/Kg	03/21/24	17:35	MS	482584
gamma-BHC (Lindane)	SW8081B	20	3.5	44	ND		ug/Kg	03/21/24	17:35	MS	482584
beta-BHC	SW8081B	20	7.0	44	ND		ug/Kg	03/21/24	17:35	MS	482584
delta-BHC	SW8081B	20	3.4	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Heptachlor	SW8081B	20	2.3	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Aldrin	SW8081B	20	4.3	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Heptachlor Epoxide	SW8081B	20	1.7	44	ND		ug/Kg	03/21/24	17:35	MS	482584
gamma-Chlordane	SW8081B	20	3.6	44	ND		ug/Kg	03/21/24	17:35	MS	482584
alpha-Chlordane	SW8081B	20	3.8	44	ND		ug/Kg	03/21/24	17:35	MS	482584
4,4'-DDE	SW8081B	20	4.3	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Endosulfan I	SW8081B	20	4.0	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Dieldrin	SW8081B	20	3.3	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Endrin	SW8081B	20	4.1	44	ND		ug/Kg	03/21/24	17:35	MS	482584
4,4'-DDD	SW8081B	20	12	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Endosulfan II	SW8081B	20	13	44	ND		ug/Kg	03/21/24	17:35	MS	482584
4,4-DDT	SW8081B	20	2.8	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Endrin Aldehyde	SW8081B	20	3.3	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Methoxychlor	SW8081B	20	4.4	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Endosulfan Sulfate	SW8081B	20	2.6	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Endrin Ketone	SW8081B	20	9.5	44	ND		ug/Kg	03/21/24	17:35	MS	482584
Chlordane, Technical	SW8081B	20	46	440	ND		ug/Kg	03/21/24	17:35	MS	482584
Toxaphene	SW8081B	20	190	1100	ND		ug/Kg	03/21/24	17:35	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**0.000**	D	%	03/21/24	17:35	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**0.000**	D	%	03/21/24	17:35	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(0-1)	**Lab Sample ID:**	2403164-014A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:00		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**9.59**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.10**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(0-1)	**Lab Sample ID:**	2403164-014A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:00		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24	9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	2	19	44	**303**	x	mg/Kg	03/22/24	10:29	SN	482607
TPH as Motor Oil	SW8015B	2	70	220	**1130**		mg/Kg	03/22/24	10:29	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**0.000**	D	%	03/22/24	10:29	SN	482607

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(0-1)	**Lab Sample ID:**	2403164-014B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/22/24 9:30:00AM
Prep Batch ID:	1159265	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.2	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Chloromethane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Vinyl Chloride	SW8260B	1	2.0	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Bromomethane	SW8260B	1	2.7	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Chloroethane	SW8260B	1	3.0	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Trichlorofluoromethane	SW8260B	1	2.0	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,1-Dichloroethene	SW8260B	1	2.0	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Freon 113	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Methylene Chloride	SW8260B	1	7.0	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
trans-1,2-Dichloroethene	SW8260B	1	2.1	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
MTBE	SW8260B	1	2.3	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,1-Dichloroethane	SW8260B	1	2.2	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
cis-1,2-Dichloroethene	SW8260B	1	2.2	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
2,2-Dichloropropane	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Bromochloromethane	SW8260B	1	2.3	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Chloroform	SW8260B	1	2.3	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Carbon Tetrachloride	SW8260B	1	2.0	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,1,1-Trichloroethane	SW8260B	1	2.1	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,1-Dichloropropene	SW8260B	1	2.0	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Benzene	SW8260B	1	2.2	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,2-Dichloroethane	SW8260B	1	2.3	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Trichloroethene	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Dibromomethane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,2-Dichloropropane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Bromodichloromethane	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
cis-1,3-Dichloropropene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Toluene	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Tetrachloroethene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,1,2-Trichloroethane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Dibromochloromethane	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,3-Dichloropropane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,2-Dibromoethane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Chlorobenzene	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Ethylbenzene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
m,p-Xylene	SW8260B	1	3.1	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
o-Xylene	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(0-1)	**Lab Sample ID:**	2403164-014B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/22/24 9:30:00AM
Prep Batch ID:	1159265	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Bromoform	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Isopropyl Benzene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
n-Propylbenzene	SW8260B	1	1.5	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Bromobenzene	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
2-Chlorotoluene	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,3,5-Trimethylbenzene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,2,3-Trichloropropane	SW8260B	1	1.9	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
4-Chlorotoluene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
tert-Butylbenzene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
sec-Butyl Benzene	SW8260B	1	1.5	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
p-Isopropyltoluene	SW8260B	1	1.4	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,3-Dichlorobenzene	SW8260B	1	1.6	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,4-Dichlorobenzene	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
n-Butylbenzene	SW8260B	1	1.4	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,2-Dichlorobenzene	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Hexachlorobutadiene	SW8260B	1	1.4	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,2,4-Trichlorobenzene	SW8260B	1	1.5	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
Naphthalene	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
1,2,3-Trichlorobenzene	SW8260B	1	1.7	9.9	ND		ug/Kg	03/22/24	19:58	HV	482637
2-Butanone	SW8260B	1	2.3	9.89	ND		ug/Kg	03/22/24	19:58	HV	482637
Acetone	SW8260B	1	8.1	19.8	ND		ug/Kg	03/22/24	19:58	HV	482637
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**73.9**		%	03/22/24	19:58	HV	482637
(S) Toluene-d8	SW8260B		55.2 - 133		**103**		%	03/22/24	19:58	HV	482637
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**83.6**		%	03/22/24	19:58	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(0-1)	**Lab Sample ID:**	2403164-014B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:00		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/22/24	9:30:00AM
Prep Batch ID:	1159266	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	43	99	ND		ug/Kg	03/22/24	19:58	HV	482637
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**66.8**		%	03/22/24	19:58	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(4-5)	**Lab Sample ID:**	2403164-015A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:05		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.098	0.59	ND		mg/Kg	03/25/24	11:31	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(4-5)	**Lab Sample ID:**	2403164-015A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:05		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.059	5.85	ND		mg/Kg	03/25/24	19:26	AT	482681
Arsenic	SW6010B	1	0.18	1.52	**1.08**	J	mg/Kg	03/25/24	19:26	AT	482681
Barium	SW6010B	1	0.064	5.85	**55.8**		mg/Kg	03/25/24	19:26	AT	482681
Beryllium	SW6010B	1	0.064	5.85	**0.216**	J	mg/Kg	03/25/24	19:26	AT	482681
Cadmium	SW6010B	1	0.12	0.878	ND		mg/Kg	03/25/24	19:26	AT	482681
Chromium	SW6010B	1	0.088	5.85	**63.8**		mg/Kg	03/25/24	19:26	AT	482681
Cobalt	SW6010B	1	0.082	5.85	**31.5**		mg/Kg	03/25/24	19:26	AT	482681
Copper	SW6010B	1	0.23	5.85	**88.9**		mg/Kg	03/25/24	19:26	AT	482681
Lead	SW6010B	1	0.12	3.51	**4.74**		mg/Kg	03/25/24	19:26	AT	482681
Molybdenum	SW6010B	1	0.059	5.85	**0.462**	J	mg/Kg	03/25/24	19:26	AT	482681
Nickel	SW6010B	1	0.59	5.85	**57.3**		mg/Kg	03/25/24	19:26	AT	482681
Selenium	SW6010B	1	0.41	1.29	ND		mg/Kg	03/25/24	19:26	AT	482681
Silver	SW6010B	1	0.18	0.585	ND		mg/Kg	03/25/24	19:26	AT	482681
Thallium	SW6010B	1	0.23	5.85	ND		mg/Kg	03/25/24	19:26	AT	482681
Vanadium	SW6010B	1	0.12	5.85	**128**		mg/Kg	03/25/24	19:26	AT	482681
Zinc	SW6010B	1	0.35	5.85	**73.7**		mg/Kg	03/25/24	19:26	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(4-5)	**Lab Sample ID:**	2403164-015A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:05		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	10	120	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
2-Methylnaphthalene	SW8270C	10	120	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
1-Methylnaphthalene	SW8270C	10	140	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Acenaphthylene	SW8270C	10	97	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Acenaphthene	SW8270C	10	120	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Fluorene	SW8270C	10	120	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Phenanthrene	SW8270C	10	110	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Anthracene	SW8270C	10	100	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Fluoranthene	SW8270C	10	120	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Pyrene	SW8270C	10	140	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Benz[a]anthracene	SW8270C	10	110	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Chrysene	SW8270C	10	180	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Benzo[b]fluoranthene	SW8270C	10	140	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Benzo[k]fluoranthene	SW8270C	10	95	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Benzo[a]pyrene	SW8270C	10	110	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	10	160	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Dibenz[a,h]anthracene	SW8270C	10	150	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
Benzo[g,h,i]perylene	SW8270C	10	190	2300	ND		ug/Kg	03/22/24	2:22	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**95.9**		%	03/22/24	2:22	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**94.4**		%	03/22/24	2:22	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**104**		%	03/22/24	2:22	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(4-5)	**Lab Sample ID:**	2403164-015A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:05		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	41.0	117	ND		ug/Kg	03/21/24	20:23	AK	482613
Aroclor1221	SW8082A	1	5.85	117	ND		ug/Kg	03/21/24	20:23	AK	482613
Aroclor1232	SW8082A	1	19.9	117	ND		ug/Kg	03/21/24	20:23	AK	482613
Aroclor1242	SW8082A	1	3.51	117	ND		ug/Kg	03/21/24	20:23	AK	482613
Aroclor1248	SW8082A	1	2.34	117	ND		ug/Kg	03/21/24	20:23	AK	482613
Aroclor1254	SW8082A	1	16.4	117	ND		ug/Kg	03/21/24	20:23	AK	482613
Aroclor1260	SW8082A	1	28.1	117	ND		ug/Kg	03/21/24	20:23	AK	482613
Total PCB	SW8082A	1	28.1	117	ND		ug/Kg	03/21/24	20:23	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**91.0**		%	03/21/24	20:23	AK	482613
DCBP (S)	SW8082A		48 - 135		**89.0**		%	03/21/24	20:23	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(4-5)	**Lab Sample ID:**	2403164-015A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:05		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	03/21/24	17:48	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.9	23	ND		ug/Kg	03/21/24	17:48	MS	482584
beta-BHC	SW8081B	10	3.7	23	ND		ug/Kg	03/21/24	17:48	MS	482584
delta-BHC	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Heptachlor	SW8081B	10	1.2	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Aldrin	SW8081B	10	2.3	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Heptachlor Epoxide	SW8081B	10	0.91	23	ND		ug/Kg	03/21/24	17:48	MS	482584
gamma-Chlordane	SW8081B	10	1.9	23	ND		ug/Kg	03/21/24	17:48	MS	482584
alpha-Chlordane	SW8081B	10	2.0	23	ND		ug/Kg	03/21/24	17:48	MS	482584
4,4'-DDE	SW8081B	10	2.3	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Endosulfan I	SW8081B	10	2.1	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Dieldrin	SW8081B	10	1.7	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Endrin	SW8081B	10	2.2	23	ND		ug/Kg	03/21/24	17:48	MS	482584
4,4'-DDD	SW8081B	10	6.6	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Endosulfan II	SW8081B	10	6.7	23	ND		ug/Kg	03/21/24	17:48	MS	482584
4,4-DDT	SW8081B	10	1.5	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Endrin Aldehyde	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Methoxychlor	SW8081B	10	2.3	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Endosulfan Sulfate	SW8081B	10	1.4	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Endrin Ketone	SW8081B	10	5.1	23	ND		ug/Kg	03/21/24	17:48	MS	482584
Chlordane, Technical	SW8081B	10	25	230	ND		ug/Kg	03/21/24	17:48	MS	482584
Toxaphene	SW8081B	10	100	590	ND		ug/Kg	03/21/24	17:48	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**84.7**		%	03/21/24	17:48	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**77.4**		%	03/21/24	17:48	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(4-5)	**Lab Sample ID:**	2403164-015A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:05		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**16.9**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.17**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(4-5)	**Lab Sample ID:**	2403164-015A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:05		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24	9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	2.0	4.7	**53.9**	x	mg/Kg	03/21/24	23:30	SN	482607
TPH as Motor Oil	SW8015B	1	7.4	23	**113**		mg/Kg	03/21/24	23:30	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**76.5**		%	03/21/24	23:30	SN	482607

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(4-5)	**Lab Sample ID:**	2403164-015B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 11:04:00AM
Prep Batch ID:	1159213	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.2	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Chloromethane	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Vinyl Chloride	SW8260B	1	2.0	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Bromomethane	SW8260B	1	2.7	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Chloroethane	SW8260B	1	3.0	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Trichlorofluoromethane	SW8260B	1	2.1	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,1-Dichloroethene	SW8260B	1	2.0	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Freon 113	SW8260B	1	1.9	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Methylene Chloride	SW8260B	1	7.1	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
trans-1,2-Dichloroethene	SW8260B	1	2.1	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
MTBE	SW8260B	1	2.3	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,1-Dichloroethane	SW8260B	1	2.2	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
cis-1,2-Dichloroethene	SW8260B	1	2.2	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
2,2-Dichloropropane	SW8260B	1	1.9	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Bromochloromethane	SW8260B	1	2.3	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Chloroform	SW8260B	1	2.4	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Carbon Tetrachloride	SW8260B	1	2.0	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,1,1-Trichloroethane	SW8260B	1	2.1	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,1-Dichloropropene	SW8260B	1	2.0	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Benzene	SW8260B	1	2.2	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,2-Dichloroethane	SW8260B	1	2.3	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Trichloroethene	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Dibromomethane	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,2-Dichloropropane	SW8260B	1	1.9	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Bromodichloromethane	SW8260B	1	2.0	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
cis-1,3-Dichloropropene	SW8260B	1	1.6	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Toluene	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Tetrachloroethene	SW8260B	1	1.7	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
trans-1,3-Dichloropropene	SW8260B	1	1.6	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,1,2-Trichloroethane	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Dibromochloromethane	SW8260B	1	1.9	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,3-Dichloropropane	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,2-Dibromoethane	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Chlorobenzene	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Ethylbenzene	SW8260B	1	1.6	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
m,p-Xylene	SW8260B	1	3.2	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
o-Xylene	SW8260B	1	1.7	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(4-5)	**Lab Sample ID:**	2403164-015B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 11:04:00AM
Prep Batch ID:	1159213	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.6	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Bromoform	SW8260B	1	1.7	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Isopropyl Benzene	SW8260B	1	1.6	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
n-Propylbenzene	SW8260B	1	1.6	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Bromobenzene	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
2-Chlorotoluene	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,2,3-Trichloropropane	SW8260B	1	1.9	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
4-Chlorotoluene	SW8260B	1	1.6	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
tert-Butylbenzene	SW8260B	1	1.6	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
sec-Butyl Benzene	SW8260B	1	1.6	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
p-Isopropyltoluene	SW8260B	1	1.5	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,3-Dichlorobenzene	SW8260B	1	1.7	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,4-Dichlorobenzene	SW8260B	1	1.7	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
n-Butylbenzene	SW8260B	1	1.5	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,2-Dichlorobenzene	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Hexachlorobutadiene	SW8260B	1	1.4	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
Naphthalene	SW8260B	1	1.7	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10.	ND		ug/Kg	03/20/24	18:00	JZ	482573
2-Butanone	SW8260B	1	2.3	9.98	**3.53**	J	ug/Kg	03/20/24	18:00	JZ	482573
Acetone	SW8260B	1	8.1	20.0	**20.9**		ug/Kg	03/20/24	18:00	JZ	482573
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**101**		%	03/20/24	18:00	JZ	482573
(S) Toluene-d8	SW8260B		55.2 - 133		**106**		%	03/20/24	18:00	JZ	482573
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**100**		%	03/20/24	18:00	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-4(4-5)	**Lab Sample ID:**	2403164-015B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:05		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24 11:04:00AM
Prep Batch ID:	1159214	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	43	100	ND		ug/Kg	03/20/24	18:00	JZ	482573
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**82.9**		%	03/20/24	18:00	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(0-1)	**Lab Sample ID:**	2403164-016A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:30		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.094	0.57	**0.17**	J	mg/Kg	03/25/24	11:33	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(0-1)	**Lab Sample ID:**	2403164-016A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:30		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.057	5.65	ND		mg/Kg	03/25/24	19:27	AT	482681
Arsenic	SW6010B	1	0.17	1.47	**5.31**		mg/Kg	03/25/24	19:27	AT	482681
Barium	SW6010B	1	0.062	5.65	**507**		mg/Kg	03/25/24	19:27	AT	482681
Beryllium	SW6010B	1	0.062	5.65	**0.396**	J	mg/Kg	03/25/24	19:27	AT	482681
Cadmium	SW6010B	1	0.11	0.848	**0.407**	J	mg/Kg	03/25/24	19:27	AT	482681
Chromium	SW6010B	1	0.085	5.65	**121**		mg/Kg	03/25/24	19:27	AT	482681
Cobalt	SW6010B	1	0.079	5.65	**24.0**		mg/Kg	03/25/24	19:27	AT	482681
Copper	SW6010B	1	0.23	5.65	**53.5**		mg/Kg	03/25/24	19:27	AT	482681
Lead	SW6010B	1	0.11	3.39	**7.74**		mg/Kg	03/25/24	19:27	AT	482681
Molybdenum	SW6010B	1	0.057	5.65	**9.49**		mg/Kg	03/25/24	19:27	AT	482681
Nickel	SW6010B	1	0.57	5.65	**123**		mg/Kg	03/25/24	19:27	AT	482681
Selenium	SW6010B	1	0.40	1.24	ND		mg/Kg	03/25/24	19:27	AT	482681
Silver	SW6010B	1	0.17	0.565	ND		mg/Kg	03/25/24	19:27	AT	482681
Thallium	SW6010B	1	0.23	5.65	ND		mg/Kg	03/25/24	19:27	AT	482681
Vanadium	SW6010B	1	0.11	5.65	**78.0**		mg/Kg	03/25/24	19:27	AT	482681
Zinc	SW6010B	1	0.34	5.65	**88.7**		mg/Kg	03/25/24	19:27	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(0-1)	**Lab Sample ID:**	2403164-016A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:30		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	40	480	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
2-Methylnaphthalene	SW8270C	40	470	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
1-Methylnaphthalene	SW8270C	40	550	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Acenaphthylene	SW8270C	40	380	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Acenaphthene	SW8270C	40	480	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Fluorene	SW8270C	40	470	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Phenanthrene	SW8270C	40	420	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Anthracene	SW8270C	40	410	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Fluoranthene	SW8270C	40	450	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Pyrene	SW8270C	40	540	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Benz[a]anthracene	SW8270C	40	440	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Chrysene	SW8270C	40	690	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Benzo[b]fluoranthene	SW8270C	40	550	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Benzo[k]fluoranthene	SW8270C	40	370	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Benzo[a]pyrene	SW8270C	40	440	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	40	630	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Dibenz[a,h]anthracene	SW8270C	40	580	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
Benzo[g,h,i]perylene	SW8270C	40	750	9100	ND		ug/Kg	03/22/24	2:50	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**0.000**	D	%	03/22/24	2:50	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**0.000**	D	%	03/22/24	2:50	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**0.000**	D	%	03/22/24	2:50	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(0-1)	**Lab Sample ID:**	2403164-016A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:30		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	39.6	113	ND		ug/Kg	03/21/24	20:39	AK	482613
Aroclor1221	SW8082A	1	5.65	113	ND		ug/Kg	03/21/24	20:39	AK	482613
Aroclor1232	SW8082A	1	19.2	113	ND		ug/Kg	03/21/24	20:39	AK	482613
Aroclor1242	SW8082A	1	3.39	113	ND		ug/Kg	03/21/24	20:39	AK	482613
Aroclor1248	SW8082A	1	2.26	113	ND		ug/Kg	03/21/24	20:39	AK	482613
Aroclor1254	SW8082A	1	15.8	113	ND		ug/Kg	03/21/24	20:39	AK	482613
Aroclor1260	SW8082A	1	27.1	113	ND		ug/Kg	03/21/24	20:39	AK	482613
Total PCB	SW8082A	1	27.1	113	ND		ug/Kg	03/21/24	20:39	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**91.0**		%	03/21/24	20:39	AK	482613
DCBP (S)	SW8082A		48 - 135		**111**		%	03/21/24	20:39	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(0-1)	**Lab Sample ID:**	2403164-016A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:30		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	2.9	45	ND		ug/Kg	03/21/24	18:01	MS	482584
gamma-BHC (Lindane)	SW8081B	20	3.6	45	ND		ug/Kg	03/21/24	18:01	MS	482584
beta-BHC	SW8081B	20	7.1	45	ND		ug/Kg	03/21/24	18:01	MS	482584
delta-BHC	SW8081B	20	3.5	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Heptachlor	SW8081B	20	2.4	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Aldrin	SW8081B	20	4.4	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Heptachlor Epoxide	SW8081B	20	1.8	45	ND		ug/Kg	03/21/24	18:01	MS	482584
gamma-Chlordane	SW8081B	20	3.7	45	ND		ug/Kg	03/21/24	18:01	MS	482584
alpha-Chlordane	SW8081B	20	3.9	45	ND		ug/Kg	03/21/24	18:01	MS	482584
4,4'-DDE	SW8081B	20	4.4	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Endosulfan I	SW8081B	20	4.1	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Dieldrin	SW8081B	20	3.3	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Endrin	SW8081B	20	4.2	45	ND		ug/Kg	03/21/24	18:01	MS	482584
4,4'-DDD	SW8081B	20	13	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Endosulfan II	SW8081B	20	13	45	ND		ug/Kg	03/21/24	18:01	MS	482584
4,4-DDT	SW8081B	20	2.9	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Endrin Aldehyde	SW8081B	20	3.4	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Methoxychlor	SW8081B	20	4.5	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Endosulfan Sulfate	SW8081B	20	2.6	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Endrin Ketone	SW8081B	20	9.8	45	ND		ug/Kg	03/21/24	18:01	MS	482584
Chlordane, Technical	SW8081B	20	48	450	ND		ug/Kg	03/21/24	18:01	MS	482584
Toxaphene	SW8081B	20	190	1100	ND		ug/Kg	03/21/24	18:01	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**0.000**	D	%	03/21/24	18:01	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**0.000**	D	%	03/21/24	18:01	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(0-1)	**Lab Sample ID:**	2403164-016A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:30		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24 6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**13.5**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.13**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(0-1)	**Lab Sample ID:**	2403164-016A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:30		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24 9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	4	15	36	**129**	x	mg/Kg	03/25/24	17:29	SN	482683
TPH as Motor Oil	SW8015B	4	57	180	**1510**		mg/Kg	03/25/24	17:29	SN	482683
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**64.9**		%	03/25/24	17:29	SN	482683

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(0-1)	**Lab Sample ID:**	2403164-016B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/22/24 9:30:00AM
Prep Batch ID:	1159265	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Bromomethane	SW8260B	1	2.9	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Chloroethane	SW8260B	1	3.3	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Methylene Chloride	SW8260B	1	7.7	11	ND		ug/Kg	03/22/24	20:28	HV	482637
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	03/22/24	20:28	HV	482637
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	03/22/24	20:28	HV	482637
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	03/22/24	20:28	HV	482637
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Benzene	SW8260B	1	2.4	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,2-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Trichloroethene	SW8260B	1	1.9	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	03/22/24	20:28	HV	482637
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Tetrachloroethene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:28	HV	482637
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	03/22/24	20:28	HV	482637
m,p-Xylene	SW8260B	1	3.4	11	ND		ug/Kg	03/22/24	20:28	HV	482637
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	03/22/24	20:28	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(0-1)	**Lab Sample ID:**	2403164-016B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/22/24 9:30:00AM
Prep Batch ID:	1159265	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	03/22/24	20:28	HV	482637
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	03/22/24	20:28	HV	482637
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	03/22/24	20:28	HV	482637
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:28	HV	482637
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	03/22/24	20:28	HV	482637
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	03/22/24	20:28	HV	482637
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:28	HV	482637
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	03/22/24	20:28	HV	482637
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:28	HV	482637
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:28	HV	482637
2-Butanone	SW8260B	1	2.5	10.8	ND		ug/Kg	03/22/24	20:28	HV	482637
Acetone	SW8260B	1	8.8	21.6	**11.3**	J	ug/Kg	03/22/24	20:28	HV	482637
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**73.4**		%	03/22/24	20:28	HV	482637
(S) Toluene-d8	SW8260B		55.2 - 133		**103**		%	03/22/24	20:28	HV	482637
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**82.5**		%	03/22/24	20:28	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(0-1)	**Lab Sample ID:**	2403164-016B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:30		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/22/24	9:30:00AM
Prep Batch ID:	1159266	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	47	110	ND		ug/Kg	03/22/24	20:28	HV	482637
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**55.5**		%	03/22/24	20:28	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(2-3)	**Lab Sample ID:**	2403164-017A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:35		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.093	0.56	**0.13**	J	mg/Kg	03/25/24	11:35	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(2-3)	**Lab Sample ID:**	2403164-017A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:35		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.056	5.60	ND		mg/Kg	03/25/24	19:29	AT	482681
Arsenic	SW6010B	1	0.17	1.46	**6.22**		mg/Kg	03/25/24	19:29	AT	482681
Barium	SW6010B	1	0.062	5.60	**231**		mg/Kg	03/25/24	19:29	AT	482681
Beryllium	SW6010B	1	0.062	5.60	**0.493**	J	mg/Kg	03/25/24	19:29	AT	482681
Cadmium	SW6010B	1	0.11	0.840	**0.274**	J	mg/Kg	03/25/24	19:29	AT	482681
Chromium	SW6010B	1	0.084	5.60	**65.5**		mg/Kg	03/25/24	19:29	AT	482681
Cobalt	SW6010B	1	0.078	5.60	**13.6**		mg/Kg	03/25/24	19:29	AT	482681
Copper	SW6010B	1	0.22	5.60	**47.5**		mg/Kg	03/25/24	19:29	AT	482681
Lead	SW6010B	1	0.11	3.36	**25.0**		mg/Kg	03/25/24	19:29	AT	482681
Molybdenum	SW6010B	1	0.056	5.60	**1.31**	J	mg/Kg	03/25/24	19:29	AT	482681
Nickel	SW6010B	1	0.56	5.60	**74.5**		mg/Kg	03/25/24	19:29	AT	482681
Selenium	SW6010B	1	0.39	1.23	ND		mg/Kg	03/25/24	19:29	AT	482681
Silver	SW6010B	1	0.17	0.560	ND		mg/Kg	03/25/24	19:29	AT	482681
Thallium	SW6010B	1	0.22	5.60	ND		mg/Kg	03/25/24	19:29	AT	482681
Vanadium	SW6010B	1	0.11	5.60	**63.8**		mg/Kg	03/25/24	19:29	AT	482681
Zinc	SW6010B	1	0.34	5.60	**86.2**		mg/Kg	03/25/24	19:29	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(2-3)	**Lab Sample ID:**	2403164-017A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:35		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	10	120	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
2-Methylnaphthalene	SW8270C	10	120	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
1-Methylnaphthalene	SW8270C	10	140	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Acenaphthylene	SW8270C	10	93	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Acenaphthene	SW8270C	10	120	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Fluorene	SW8270C	10	120	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Phenanthrene	SW8270C	10	100	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Anthracene	SW8270C	10	100	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Fluoranthene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Pyrene	SW8270C	10	130	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Benz[a]anthracene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Chrysene	SW8270C	10	170	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Benzo[b]fluoranthene	SW8270C	10	130	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Benzo[k]fluoranthene	SW8270C	10	91	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Benzo[a]pyrene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	10	150	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Dibenz[a,h]anthracene	SW8270C	10	140	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
Benzo[g,h,i]perylene	SW8270C	10	190	2200	ND		ug/Kg	03/22/24	3:18	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**82.9**		%	03/22/24	3:18	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**86.6**		%	03/22/24	3:18	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**90.2**		%	03/22/24	3:18	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(2-3)	**Lab Sample ID:**	2403164-017A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:35		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	39.2	112	ND		ug/Kg	03/21/24	20:54	AK	482613
Aroclor1221	SW8082A	1	5.60	112	ND		ug/Kg	03/21/24	20:54	AK	482613
Aroclor1232	SW8082A	1	19.0	112	ND		ug/Kg	03/21/24	20:54	AK	482613
Aroclor1242	SW8082A	1	3.36	112	ND		ug/Kg	03/21/24	20:54	AK	482613
Aroclor1248	SW8082A	1	2.24	112	ND		ug/Kg	03/21/24	20:54	AK	482613
Aroclor1254	SW8082A	1	15.7	112	ND		ug/Kg	03/21/24	20:54	AK	482613
Aroclor1260	SW8082A	1	26.9	112	ND		ug/Kg	03/21/24	20:54	AK	482613
Total PCB	SW8082A	1	26.9	112	ND		ug/Kg	03/21/24	20:54	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**94.0**		%	03/21/24	20:54	AK	482613
DCBP (S)	SW8082A		48 - 135		**101**		%	03/21/24	20:54	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(2-3)	**Lab Sample ID:**	2403164-017A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:35		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	22	ND		ug/Kg	03/21/24	18:15	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.8	22	ND		ug/Kg	03/21/24	18:15	MS	482584
beta-BHC	SW8081B	10	3.5	22	ND		ug/Kg	03/21/24	18:15	MS	482584
delta-BHC	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	18:15	MS	482584
Heptachlor	SW8081B	10	1.2	22	ND		ug/Kg	03/21/24	18:15	MS	482584
Aldrin	SW8081B	10	2.2	22	ND		ug/Kg	03/21/24	18:15	MS	482584
Heptachlor Epoxide	SW8081B	10	0.87	22	ND		ug/Kg	03/21/24	18:15	MS	482584
gamma-Chlordane	SW8081B	10	1.8	22	ND		ug/Kg	03/21/24	18:15	MS	482584
alpha-Chlordane	SW8081B	10	1.9	22	ND		ug/Kg	03/21/24	18:15	MS	482584
4,4'-DDE	SW8081B	10	2.2	22	**3.05**	J	ug/Kg	03/21/24	18:15	MS	482584
Endosulfan I	SW8081B	10	2.1	22	ND		ug/Kg	03/21/24	18:15	MS	482584
Dieldrin	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	18:15	MS	482584
Endrin	SW8081B	10	2.1	22	ND		ug/Kg	03/21/24	18:15	MS	482584
4,4'-DDD	SW8081B	10	6.3	22	ND		ug/Kg	03/21/24	18:15	MS	482584
Endosulfan II	SW8081B	10	6.5	22	ND		ug/Kg	03/21/24	18:15	MS	482584
4,4-DDT	SW8081B	10	1.4	22	ND		ug/Kg	03/21/24	18:15	MS	482584
Endrin Aldehyde	SW8081B	10	1.7	22	ND		ug/Kg	03/21/24	18:15	MS	482584
Methoxychlor	SW8081B	10	2.2	22	ND		ug/Kg	03/21/24	18:15	MS	482584
Endosulfan Sulfate	SW8081B	10	1.3	22	ND		ug/Kg	03/21/24	18:15	MS	482584
Endrin Ketone	SW8081B	10	4.9	22	ND		ug/Kg	03/21/24	18:15	MS	482584
Chlordane, Technical	SW8081B	10	24	220	ND		ug/Kg	03/21/24	18:15	MS	482584
Toxaphene	SW8081B	10	95	560	ND		ug/Kg	03/21/24	18:15	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**79.4**		%	03/21/24	18:15	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**92.1**		%	03/21/24	18:15	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(2-3)	**Lab Sample ID:**	2403164-017A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:35		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24 6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**12.0**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.12**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(2-3)	**Lab Sample ID:**	2403164-017A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:35		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24	9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	10	19	45	**199**	x	mg/Kg	03/25/24	17:54	SN	482683
TPH as Motor Oil	SW8015B	10	71	220	**645**		mg/Kg	03/25/24	17:54	SN	482683
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**0.000**	D	%	03/25/24	17:54	SN	482683

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(2-3)	**Lab Sample ID:**	2403164-017B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:35		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 11:04:00AM
Prep Batch ID:	1159213	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.1	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Chloromethane	SW8260B	1	1.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Vinyl Chloride	SW8260B	1	1.9	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Bromomethane	SW8260B	1	2.4	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Chloroethane	SW8260B	1	2.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Trichlorofluoromethane	SW8260B	1	1.9	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,1-Dichloroethene	SW8260B	1	1.8	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Freon 113	SW8260B	1	1.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Methylene Chloride	SW8260B	1	6.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
trans-1,2-Dichloroethene	SW8260B	1	1.9	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
MTBE	SW8260B	1	2.1	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,1-Dichloroethane	SW8260B	1	2.0	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
cis-1,2-Dichloroethene	SW8260B	1	2.0	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
2,2-Dichloropropane	SW8260B	1	1.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Bromochloromethane	SW8260B	1	2.1	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Chloroform	SW8260B	1	2.2	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Carbon Tetrachloride	SW8260B	1	1.9	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,1,1-Trichloroethane	SW8260B	1	1.9	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,1-Dichloropropene	SW8260B	1	1.8	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Benzene	SW8260B	1	2.0	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,2-Dichloroethane	SW8260B	1	2.1	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Trichloroethene	SW8260B	1	1.6	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Dibromomethane	SW8260B	1	1.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,2-Dichloropropane	SW8260B	1	1.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Bromodichloromethane	SW8260B	1	1.8	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
cis-1,3-Dichloropropene	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Toluene	SW8260B	1	1.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Tetrachloroethene	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
trans-1,3-Dichloropropene	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,1,2-Trichloroethane	SW8260B	1	1.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Dibromochloromethane	SW8260B	1	1.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,3-Dichloropropane	SW8260B	1	1.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,2-Dibromoethane	SW8260B	1	1.6	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Chlorobenzene	SW8260B	1	1.6	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Ethylbenzene	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,1,1,2-Tetrachloroethane	SW8260B	1	1.8	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
m,p-Xylene	SW8260B	1	2.9	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
o-Xylene	SW8260B	1	1.6	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(2-3)	**Lab Sample ID:**	2403164-017B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:35		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 11:04:00AM
Prep Batch ID:	1159213	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Bromoform	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Isopropyl Benzene	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
n-Propylbenzene	SW8260B	1	1.4	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Bromobenzene	SW8260B	1	1.6	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,1,2,2-Tetrachloroethane	SW8260B	1	1.8	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
2-Chlorotoluene	SW8260B	1	1.6	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,3,5-Trimethylbenzene	SW8260B	1	1.4	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,2,3-Trichloropropane	SW8260B	1	1.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
4-Chlorotoluene	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
tert-Butylbenzene	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,2,4-Trimethylbenzene	SW8260B	1	1.2	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
sec-Butyl Benzene	SW8260B	1	1.4	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
p-Isopropyltoluene	SW8260B	1	1.3	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,3-Dichlorobenzene	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,4-Dichlorobenzene	SW8260B	1	1.6	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
n-Butylbenzene	SW8260B	1	1.3	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,2-Dichlorobenzene	SW8260B	1	1.6	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.7	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Hexachlorobutadiene	SW8260B	1	1.2	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,2,4-Trichlorobenzene	SW8260B	1	1.3	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
Naphthalene	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
1,2,3-Trichlorobenzene	SW8260B	1	1.5	9.1	ND		ug/Kg	03/20/24	19:04	JZ	482573
2-Butanone	SW8260B	1	2.1	9.11	**2.34**	J	ug/Kg	03/20/24	19:04	JZ	482573
Acetone	SW8260B	1	7.4	18.2	**14.3**	J	ug/Kg	03/20/24	19:04	JZ	482573
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**105**		%	03/20/24	19:04	JZ	482573
(S) Toluene-d8	SW8260B		55.2 - 133		**110**		%	03/20/24	19:04	JZ	482573
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**102**		%	03/20/24	19:04	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-3(2-3)	**Lab Sample ID:**	2403164-017B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:35		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24	11:04:00AM
Prep Batch ID:	1159214	**Prep Analyst:**	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	39	91	ND		ug/Kg	03/20/24	19:04	JZ	482573
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**90.6**		%	03/20/24	19:04	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(0-1)	**Lab Sample ID:**	2403164-018A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:45		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.098	0.59	**0.16**	J	mg/Kg	03/25/24	11:37	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(0-1)	**Lab Sample ID:**	2403164-018A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:45		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.059	5.90	ND		mg/Kg	03/25/24	19:31	AT	482681
Arsenic	SW6010B	1	0.18	1.53	**13.6**		mg/Kg	03/25/24	19:31	AT	482681
Barium	SW6010B	1	0.065	5.90	**252**		mg/Kg	03/25/24	19:31	AT	482681
Beryllium	SW6010B	1	0.065	5.90	**0.537**	J	mg/Kg	03/25/24	19:31	AT	482681
Cadmium	SW6010B	1	0.12	0.885	**0.443**	J	mg/Kg	03/25/24	19:31	AT	482681
Chromium	SW6010B	1	0.089	5.90	**68.4**		mg/Kg	03/25/24	19:31	AT	482681
Cobalt	SW6010B	1	0.083	5.90	**13.9**		mg/Kg	03/25/24	19:31	AT	482681
Copper	SW6010B	1	0.24	5.90	**38.6**		mg/Kg	03/25/24	19:31	AT	482681
Lead	SW6010B	1	0.12	3.54	**24.4**		mg/Kg	03/25/24	19:31	AT	482681
Molybdenum	SW6010B	1	0.059	5.90	**0.814**	J	mg/Kg	03/25/24	19:31	AT	482681
Nickel	SW6010B	1	0.59	5.90	**85.6**		mg/Kg	03/25/24	19:31	AT	482681
Selenium	SW6010B	1	0.41	1.30	ND		mg/Kg	03/25/24	19:31	AT	482681
Silver	SW6010B	1	0.18	0.590	ND		mg/Kg	03/25/24	19:31	AT	482681
Thallium	SW6010B	1	0.24	5.90	ND		mg/Kg	03/25/24	19:31	AT	482681
Vanadium	SW6010B	1	0.12	5.90	**51.8**		mg/Kg	03/25/24	19:31	AT	482681
Zinc	SW6010B	1	0.35	5.90	**97.4**		mg/Kg	03/25/24	19:31	AT	482681

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SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(0-1)	**Lab Sample ID:**	2403164-018A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:45		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	40	500	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
2-Methylnaphthalene	SW8270C	40	490	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
1-Methylnaphthalene	SW8270C	40	580	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Acenaphthylene	SW8270C	40	390	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Acenaphthene	SW8270C	40	500	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Fluorene	SW8270C	40	490	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Phenanthrene	SW8270C	40	440	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Anthracene	SW8270C	40	420	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Fluoranthene	SW8270C	40	470	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Pyrene	SW8270C	40	560	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Benz[a]anthracene	SW8270C	40	460	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Chrysene	SW8270C	40	720	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Benzo[b]fluoranthene	SW8270C	40	570	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Benzo[k]fluoranthene	SW8270C	40	380	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Benzo[a]pyrene	SW8270C	40	460	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	40	650	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Dibenz[a,h]anthracene	SW8270C	40	600	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
Benzo[g,h,i]perylene	SW8270C	40	790	9500	ND		ug/Kg	03/22/24	3:47	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**0.000**	D	%	03/22/24	3:47	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**0.000**	D	%	03/22/24	3:47	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**0.000**	D	%	03/22/24	3:47	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(0-1)	**Lab Sample ID:**	2403164-018A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:45		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	41.3	118	ND		ug/Kg	03/21/24	21:09	AK	482613
Aroclor1221	SW8082A	1	5.90	118	ND		ug/Kg	03/21/24	21:09	AK	482613
Aroclor1232	SW8082A	1	20.1	118	ND		ug/Kg	03/21/24	21:09	AK	482613
Aroclor1242	SW8082A	1	3.54	118	ND		ug/Kg	03/21/24	21:09	AK	482613
Aroclor1248	SW8082A	1	2.36	118	ND		ug/Kg	03/21/24	21:09	AK	482613
Aroclor1254	SW8082A	1	16.5	118	ND		ug/Kg	03/21/24	21:09	AK	482613
Aroclor1260	SW8082A	1	28.3	118	**1210**		ug/Kg	03/21/24	21:09	AK	482613
Total PCB	SW8082A	1	28.3	118	**1210**		ug/Kg	03/21/24	21:09	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**94.0**		%	03/21/24	21:09	AK	482613
DCBP (S)	SW8082A		48 - 135		**102**		%	03/21/24	21:09	AK	482613

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Report prepared for: Peter Langtry
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Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(0-1)	**Lab Sample ID:**	2403164-018A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:45		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	24	ND		ug/Kg	03/21/24	18:27	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.9	24	ND		ug/Kg	03/21/24	18:27	MS	482584
beta-BHC	SW8081B	10	3.7	24	ND		ug/Kg	03/21/24	18:27	MS	482584
delta-BHC	SW8081B	10	1.8	24	ND		ug/Kg	03/21/24	18:27	MS	482584
Heptachlor	SW8081B	10	1.2	24	ND		ug/Kg	03/21/24	18:27	MS	482584
Aldrin	SW8081B	10	2.3	24	ND		ug/Kg	03/21/24	18:27	MS	482584
Heptachlor Epoxide	SW8081B	10	0.92	24	ND		ug/Kg	03/21/24	18:27	MS	482584
gamma-Chlordane	SW8081B	10	1.9	24	**29.5**		ug/Kg	03/21/24	18:27	MS	482584
alpha-Chlordane	SW8081B	10	2.0	24	**6.05**	J	ug/Kg	03/21/24	18:27	MS	482584
4,4'-DDE	SW8081B	10	2.3	24	**41.5**		ug/Kg	03/21/24	18:27	MS	482584
Endosulfan I	SW8081B	10	2.2	24	ND		ug/Kg	03/21/24	18:27	MS	482584
Dieldrin	SW8081B	10	1.7	24	ND		ug/Kg	03/21/24	18:27	MS	482584
Endrin	SW8081B	10	2.2	24	ND		ug/Kg	03/21/24	18:27	MS	482584
4,4'-DDD	SW8081B	10	6.7	24	ND		ug/Kg	03/21/24	18:27	MS	482584
Endosulfan II	SW8081B	10	6.8	24	ND		ug/Kg	03/21/24	18:27	MS	482584
4,4-DDT	SW8081B	10	1.5	24	ND		ug/Kg	03/21/24	18:27	MS	482584
Endrin Aldehyde	SW8081B	10	1.8	24	ND		ug/Kg	03/21/24	18:27	MS	482584
Methoxychlor	SW8081B	10	2.4	24	ND		ug/Kg	03/21/24	18:27	MS	482584
Endosulfan Sulfate	SW8081B	10	1.4	24	ND		ug/Kg	03/21/24	18:27	MS	482584
Endrin Ketone	SW8081B	10	5.1	24	ND		ug/Kg	03/21/24	18:27	MS	482584
Chlordane, Technical	SW8081B	10	25	240	**111**	J	ug/Kg	03/21/24	18:27	MS	482584
Toxaphene	SW8081B	10	100	590	ND		ug/Kg	03/21/24	18:27	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**81.7**		%	03/21/24	18:27	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**65.9**		%	03/21/24	18:27	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(0-1)	**Lab Sample ID:**	2403164-018A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:45		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**18.2**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.18**		-	03/21/24	11:50	NK	482624

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Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(0-1)	**Lab Sample ID:**	2403164-018A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:45		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24 9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	4.0	9.4	**102**	x	mg/Kg	03/22/24	0:44	SN	482607
TPH as Motor Oil	SW8015B	1	15	47	**350**		mg/Kg	03/22/24	0:44	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**85.3**		%	03/22/24	0:44	SN	482607

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(0-1)	**Lab Sample ID:**	2403164-018B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/22/24 9:30:00AM
Prep Batch ID:	1159265	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Bromomethane	SW8260B	1	2.9	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Chloroethane	SW8260B	1	3.2	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Methylene Chloride	SW8260B	1	7.6	11	ND		ug/Kg	03/22/24	20:57	HV	482637
trans-1,2-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	03/22/24	20:57	HV	482637
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	03/22/24	20:57	HV	482637
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	03/22/24	20:57	HV	482637
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Chloroform	SW8260B	1	2.5	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,1,1-Trichloroethane	SW8260B	1	2.2	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Benzene	SW8260B	1	2.4	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,2-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Trichloroethene	SW8260B	1	1.9	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	03/22/24	20:57	HV	482637
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Tetrachloroethene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:57	HV	482637
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,2-Dibromoethane	SW8260B	1	1.9	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Chlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	03/22/24	20:57	HV	482637
m,p-Xylene	SW8260B	1	3.4	11	ND		ug/Kg	03/22/24	20:57	HV	482637
o-Xylene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:57	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(0-1)	**Lab Sample ID:**	2403164-018B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/22/24 9:30:00AM
Prep Batch ID:	1159265	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	03/22/24	20:57	HV	482637
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	03/22/24	20:57	HV	482637
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,2,3-Trichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:57	HV	482637
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:57	HV	482637
tert-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	03/22/24	20:57	HV	482637
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	03/22/24	20:57	HV	482637
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:57	HV	482637
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	03/22/24	20:57	HV	482637
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:57	HV	482637
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	03/22/24	20:57	HV	482637
2-Butanone	SW8260B	1	2.4	10.7	ND		ug/Kg	03/22/24	20:57	HV	482637
Acetone	SW8260B	1	8.7	21.4	**21.2**	J	ug/Kg	03/22/24	20:57	HV	482637
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**78.8**		%	03/22/24	20:57	HV	482637
(S) Toluene-d8	SW8260B		55.2 - 133		**99.6**		%	03/22/24	20:57	HV	482637
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**86.6**		%	03/22/24	20:57	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(0-1)	**Lab Sample ID:**	2403164-018B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:45		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/22/24	9:30:00AM
Prep Batch ID:	1159266	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	46	110	ND		ug/Kg	03/22/24	20:57	HV	482637
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**86.8**		%	03/22/24	20:57	HV	482637

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(3-4)	**Lab Sample ID:**	2403164-019A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:50		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.094	0.57	**0.25**	J	mg/Kg	03/25/24	11:39	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(3-4)	**Lab Sample ID:**	2403164-019A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:50		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.057	5.65	ND		mg/Kg	03/25/24	19:36	AT	482681
Arsenic	SW6010B	1	0.17	1.47	**8.19**		mg/Kg	03/25/24	19:36	AT	482681
Barium	SW6010B	1	0.062	5.65	**222**		mg/Kg	03/25/24	19:36	AT	482681
Beryllium	SW6010B	1	0.062	5.65	**0.497**	J	mg/Kg	03/25/24	19:36	AT	482681
Cadmium	SW6010B	1	0.11	0.848	**0.379**	J	mg/Kg	03/25/24	19:36	AT	482681
Chromium	SW6010B	1	0.085	5.65	**65.0**		mg/Kg	03/25/24	19:36	AT	482681
Cobalt	SW6010B	1	0.079	5.65	**13.7**		mg/Kg	03/25/24	19:36	AT	482681
Copper	SW6010B	1	0.23	5.65	**45.5**		mg/Kg	03/25/24	19:36	AT	482681
Lead	SW6010B	1	0.11	3.39	**32.0**		mg/Kg	03/25/24	19:36	AT	482681
Molybdenum	SW6010B	1	0.057	5.65	**0.751**	J	mg/Kg	03/25/24	19:36	AT	482681
Nickel	SW6010B	1	0.57	5.65	**87.0**		mg/Kg	03/25/24	19:36	AT	482681
Selenium	SW6010B	1	0.40	1.24	ND		mg/Kg	03/25/24	19:36	AT	482681
Silver	SW6010B	1	0.17	0.565	ND		mg/Kg	03/25/24	19:36	AT	482681
Thallium	SW6010B	1	0.23	5.65	ND		mg/Kg	03/25/24	19:36	AT	482681
Vanadium	SW6010B	1	0.11	5.65	**55.0**		mg/Kg	03/25/24	19:36	AT	482681
Zinc	SW6010B	1	0.34	5.65	**101**		mg/Kg	03/25/24	19:36	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(3-4)	**Lab Sample ID:**	2403164-019A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:50		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	5	60	1100	**81.7**	J	ug/Kg	03/22/24	4:15	TA	482674
2-Methylnaphthalene	SW8270C	5	59	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
1-Methylnaphthalene	SW8270C	5	69	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Acenaphthylene	SW8270C	5	47	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Acenaphthene	SW8270C	5	60	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Fluorene	SW8270C	5	58	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Phenanthrene	SW8270C	5	53	1100	**93.9**	J	ug/Kg	03/22/24	4:15	TA	482674
Anthracene	SW8270C	5	50	1100	**51.4**	J	ug/Kg	03/22/24	4:15	TA	482674
Fluoranthene	SW8270C	5	57	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Pyrene	SW8270C	5	68	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Benz[a]anthracene	SW8270C	5	55	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Chrysene	SW8270C	5	86	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Benzo[b]fluoranthene	SW8270C	5	68	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Benzo[k]fluoranthene	SW8270C	5	46	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Benzo[a]pyrene	SW8270C	5	55	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	5	78	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Dibenz[a,h]anthracene	SW8270C	5	72	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
Benzo[g,h,i]perylene	SW8270C	5	94	1100	ND		ug/Kg	03/22/24	4:15	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**96.8**		%	03/22/24	4:15	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**97.4**		%	03/22/24	4:15	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**101**		%	03/22/24	4:15	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(3-4)	**Lab Sample ID:**	2403164-019A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:50		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	39.6	113	ND		ug/Kg	03/21/24	21:25	AK	482613
Aroclor1221	SW8082A	1	5.65	113	ND		ug/Kg	03/21/24	21:25	AK	482613
Aroclor1232	SW8082A	1	19.2	113	ND		ug/Kg	03/21/24	21:25	AK	482613
Aroclor1242	SW8082A	1	3.39	113	ND		ug/Kg	03/21/24	21:25	AK	482613
Aroclor1248	SW8082A	1	2.26	113	ND		ug/Kg	03/21/24	21:25	AK	482613
Aroclor1254	SW8082A	1	15.8	113	ND		ug/Kg	03/21/24	21:25	AK	482613
Aroclor1260	SW8082A	1	27.1	113	**94.9**	J	ug/Kg	03/21/24	21:25	AK	482613
Total PCB	SW8082A	1	27.1	113	**94.9**	J	ug/Kg	03/21/24	21:25	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**91.0**		%	03/21/24	21:25	AK	482613
DCBP (S)	SW8082A		48 - 135		**89.0**		%	03/21/24	21:25	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(3-4)	**Lab Sample ID:**	2403164-019A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:50		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	23	ND		ug/Kg	03/21/24	18:41	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	18:41	MS	482584
beta-BHC	SW8081B	10	3.6	23	ND		ug/Kg	03/21/24	18:41	MS	482584
delta-BHC	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	18:41	MS	482584
Heptachlor	SW8081B	10	1.2	23	ND		ug/Kg	03/21/24	18:41	MS	482584
Aldrin	SW8081B	10	2.2	23	ND		ug/Kg	03/21/24	18:41	MS	482584
Heptachlor Epoxide	SW8081B	10	0.88	23	ND		ug/Kg	03/21/24	18:41	MS	482584
gamma-Chlordane	SW8081B	10	1.8	23	ND		ug/Kg	03/21/24	18:41	MS	482584
alpha-Chlordane	SW8081B	10	2.0	23	ND		ug/Kg	03/21/24	18:41	MS	482584
4,4'-DDE	SW8081B	10	2.2	23	**19.9**	J	ug/Kg	03/21/24	18:41	MS	482584
Endosulfan I	SW8081B	10	2.1	23	ND		ug/Kg	03/21/24	18:41	MS	482584
Dieldrin	SW8081B	10	1.7	23	ND		ug/Kg	03/21/24	18:41	MS	482584
Endrin	SW8081B	10	2.1	23	ND		ug/Kg	03/21/24	18:41	MS	482584
4,4'-DDD	SW8081B	10	6.4	23	ND		ug/Kg	03/21/24	18:41	MS	482584
Endosulfan II	SW8081B	10	6.5	23	ND		ug/Kg	03/21/24	18:41	MS	482584
4,4-DDT	SW8081B	10	1.5	23	ND		ug/Kg	03/21/24	18:41	MS	482584
Endrin Aldehyde	SW8081B	10	1.7	23	ND		ug/Kg	03/21/24	18:41	MS	482584
Methoxychlor	SW8081B	10	2.3	23	ND		ug/Kg	03/21/24	18:41	MS	482584
Endosulfan Sulfate	SW8081B	10	1.3	23	ND		ug/Kg	03/21/24	18:41	MS	482584
Endrin Ketone	SW8081B	10	4.9	23	ND		ug/Kg	03/21/24	18:41	MS	482584
Chlordane, Technical	SW8081B	10	24	230	ND		ug/Kg	03/21/24	18:41	MS	482584
Toxaphene	SW8081B	10	96	570	ND		ug/Kg	03/21/24	18:41	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**84.4**		%	03/21/24	18:41	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**95.3**		%	03/21/24	18:41	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(3-4)	**Lab Sample ID:**	2403164-019A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:50		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**13.0**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.13**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(3-4)	**Lab Sample ID:**	2403164-019A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:50		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24	9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	3.8	9.0	**126**	x	mg/Kg	03/22/24	1:09	SN	482607
TPH as Motor Oil	SW8015B	1	14	45	**242**		mg/Kg	03/22/24	1:09	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**78.9**		%	03/22/24	1:09	SN	482607

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(3-4)	**Lab Sample ID:**	2403164-019B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:50		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 11:04:00AM
Prep Batch ID:	1159213	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.3	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Chloromethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Vinyl Chloride	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Bromomethane	SW8260B	1	2.8	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Chloroethane	SW8260B	1	3.2	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Trichlorofluoromethane	SW8260B	1	2.2	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,1-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Freon 113	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Methylene Chloride	SW8260B	1	7.4	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
trans-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
MTBE	SW8260B	1	2.5	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,1-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
cis-1,2-Dichloroethene	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
2,2-Dichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Bromochloromethane	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Chloroform	SW8260B	1	2.5	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,1,1-Trichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,1-Dichloropropene	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Benzene	SW8260B	1	2.3	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,2-Dichloroethane	SW8260B	1	2.4	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Trichloroethene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Dibromomethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,2-Dichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Bromodichloromethane	SW8260B	1	2.1	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
cis-1,3-Dichloropropene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Toluene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Tetrachloroethene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
trans-1,3-Dichloropropene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,1,2-Trichloroethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Dibromochloromethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,3-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,2-Dibromoethane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Chlorobenzene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
m,p-Xylene	SW8260B	1	3.3	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
o-Xylene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	20:09	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(3-4)	**Lab Sample ID:**	2403164-019B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:50		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 11:04:00AM
Prep Batch ID:	1159213	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Bromoform	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Isopropyl Benzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,2,3-Trichloropropane	SW8260B	1	2.0	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
4-Chlorotoluene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
tert-Butylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,4-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,2-Dichlorobenzene	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.9	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
Naphthalene	SW8260B	1	1.8	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	03/20/24	20:09	JZ	482573
2-Butanone	SW8260B	1	2.4	10.5	ND		ug/Kg	03/20/24	20:09	JZ	482573
Acetone	SW8260B	1	8.5	20.9	**32.0**		ug/Kg	03/20/24	20:09	JZ	482573
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**112**		%	03/20/24	20:09	JZ	482573
(S) Toluene-d8	SW8260B		55.2 - 133		**112**		%	03/20/24	20:09	JZ	482573
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**109**		%	03/20/24	20:09	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-2(3-4)	**Lab Sample ID:**	2403164-019B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 14:50		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24	11:04:00AM
Prep Batch ID:	1159214	**Prep Analyst:**	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	45	100	ND		ug/Kg	03/20/24	20:09	JZ	482573
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**65.1**		%	03/20/24	20:09	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(0-1)	**Lab Sample ID:**	2403164-020A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:00		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.088	0.53	**0.25**	J	mg/Kg	03/25/24	11:41	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(0-1)	**Lab Sample ID:**	2403164-020A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:00		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.053	5.30	ND		mg/Kg	03/25/24	19:37	AT	482681
Arsenic	SW6010B	1	0.16	1.38	**5.22**		mg/Kg	03/25/24	19:37	AT	482681
Barium	SW6010B	1	0.058	5.30	**578**		mg/Kg	03/25/24	19:37	AT	482681
Beryllium	SW6010B	1	0.058	5.30	**0.445**	J	mg/Kg	03/25/24	19:37	AT	482681
Cadmium	SW6010B	1	0.11	0.795	**0.514**	J	mg/Kg	03/25/24	19:37	AT	482681
Chromium	SW6010B	1	0.080	5.30	**129**		mg/Kg	03/25/24	19:37	AT	482681
Cobalt	SW6010B	1	0.074	5.30	**23.3**		mg/Kg	03/25/24	19:37	AT	482681
Copper	SW6010B	1	0.21	5.30	**62.0**		mg/Kg	03/25/24	19:37	AT	482681
Lead	SW6010B	1	0.11	3.18	**6.94**		mg/Kg	03/25/24	19:37	AT	482681
Molybdenum	SW6010B	1	0.053	5.30	**2.44**	J	mg/Kg	03/25/24	19:37	AT	482681
Nickel	SW6010B	1	0.53	5.30	**168**		mg/Kg	03/25/24	19:37	AT	482681
Selenium	SW6010B	1	0.37	1.17	ND		mg/Kg	03/25/24	19:37	AT	482681
Silver	SW6010B	1	0.16	0.530	ND		mg/Kg	03/25/24	19:37	AT	482681
Thallium	SW6010B	1	0.21	5.30	ND		mg/Kg	03/25/24	19:37	AT	482681
Vanadium	SW6010B	1	0.11	5.30	**82.2**		mg/Kg	03/25/24	19:37	AT	482681
Zinc	SW6010B	1	0.32	5.30	**84.8**		mg/Kg	03/25/24	19:37	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(0-1)	**Lab Sample ID:**	2403164-020A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:00		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:21:00PM
Prep Batch ID:	1159189	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	10	110	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
2-Methylnaphthalene	SW8270C	10	110	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
1-Methylnaphthalene	SW8270C	10	130	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Acenaphthylene	SW8270C	10	88	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Acenaphthene	SW8270C	10	110	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Fluorene	SW8270C	10	110	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Phenanthrene	SW8270C	10	98	2100	**229**	J	ug/Kg	03/22/24	4:44	TA	482674
Anthracene	SW8270C	10	95	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Fluoranthene	SW8270C	10	110	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Pyrene	SW8270C	10	130	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Benz[a]anthracene	SW8270C	10	100	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Chrysene	SW8270C	10	160	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Benzo[b]fluoranthene	SW8270C	10	130	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Benzo[k]fluoranthene	SW8270C	10	86	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Benzo[a]pyrene	SW8270C	10	100	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Indeno[1,2,3-cd]pyrene	SW8270C	10	150	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Dibenz[a,h]anthracene	SW8270C	10	130	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
Benzo[g,h,i]perylene	SW8270C	10	180	2100	ND		ug/Kg	03/22/24	4:44	TA	482674
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**96.6**		%	03/22/24	4:44	TA	482674
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**91.2**		%	03/22/24	4:44	TA	482674
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**95.7**		%	03/22/24	4:44	TA	482674

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(0-1)	**Lab Sample ID:**	2403164-020A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:00		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	37.1	106	ND		ug/Kg	03/21/24	21:40	AK	482613
Aroclor1221	SW8082A	1	5.30	106	ND		ug/Kg	03/21/24	21:40	AK	482613
Aroclor1232	SW8082A	1	18.0	106	ND		ug/Kg	03/21/24	21:40	AK	482613
Aroclor1242	SW8082A	1	3.18	106	ND		ug/Kg	03/21/24	21:40	AK	482613
Aroclor1248	SW8082A	1	2.12	106	ND		ug/Kg	03/21/24	21:40	AK	482613
Aroclor1254	SW8082A	1	14.8	106	ND		ug/Kg	03/21/24	21:40	AK	482613
Aroclor1260	SW8082A	1	25.4	106	**152**		ug/Kg	03/21/24	21:40	AK	482613
Total PCB	SW8082A	1	25.4	106	**152**		ug/Kg	03/21/24	21:40	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**74.0**		%	03/21/24	21:40	AK	482613
DCBP (S)	SW8082A		48 - 135		**83.0**		%	03/21/24	21:40	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(0-1)	**Lab Sample ID:**	2403164-020A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:00		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 2:54:00PM
Prep Batch ID:	1159177	**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	1.3	21	ND		ug/Kg	03/21/24	18:55	MS	482584
gamma-BHC (Lindane)	SW8081B	10	1.7	21	ND		ug/Kg	03/21/24	18:55	MS	482584
beta-BHC	SW8081B	10	3.4	21	ND		ug/Kg	03/21/24	18:55	MS	482584
delta-BHC	SW8081B	10	1.6	21	ND		ug/Kg	03/21/24	18:55	MS	482584
Heptachlor	SW8081B	10	1.1	21	ND		ug/Kg	03/21/24	18:55	MS	482584
Aldrin	SW8081B	10	2.1	21	ND		ug/Kg	03/21/24	18:55	MS	482584
Heptachlor Epoxide	SW8081B	10	0.83	21	ND		ug/Kg	03/21/24	18:55	MS	482584
gamma-Chlordane	SW8081B	10	1.7	21	**1.96**	J	ug/Kg	03/21/24	18:55	MS	482584
alpha-Chlordane	SW8081B	10	1.8	21	ND		ug/Kg	03/21/24	18:55	MS	482584
4,4'-DDE	SW8081B	10	2.1	21	**11.5**	J	ug/Kg	03/21/24	18:55	MS	482584
Endosulfan I	SW8081B	10	1.9	21	ND		ug/Kg	03/21/24	18:55	MS	482584
Dieldrin	SW8081B	10	1.6	21	ND		ug/Kg	03/21/24	18:55	MS	482584
Endrin	SW8081B	10	2.0	21	ND		ug/Kg	03/21/24	18:55	MS	482584
4,4'-DDD	SW8081B	10	6.0	21	ND		ug/Kg	03/21/24	18:55	MS	482584
Endosulfan II	SW8081B	10	6.1	21	ND		ug/Kg	03/21/24	18:55	MS	482584
4,4-DDT	SW8081B	10	1.4	21	ND		ug/Kg	03/21/24	18:55	MS	482584
Endrin Aldehyde	SW8081B	10	1.6	21	ND		ug/Kg	03/21/24	18:55	MS	482584
Methoxychlor	SW8081B	10	2.1	21	ND		ug/Kg	03/21/24	18:55	MS	482584
Endosulfan Sulfate	SW8081B	10	1.2	21	ND		ug/Kg	03/21/24	18:55	MS	482584
Endrin Ketone	SW8081B	10	4.6	21	ND		ug/Kg	03/21/24	18:55	MS	482584
Chlordane, Technical	SW8081B	10	22	210	ND		ug/Kg	03/21/24	18:55	MS	482584
Toxaphene	SW8081B	10	90	530	ND		ug/Kg	03/21/24	18:55	MS	482584
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**59.3**		%	03/21/24	18:55	MS	482584
Decachlorobiphenyl (S)	SW8081B		38 - 135		**62.8**		%	03/21/24	18:55	MS	482584

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(0-1)	**Lab Sample ID:**	2403164-020A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:00		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24	6:00:00PM
Prep Batch ID:	1159255	**Prep Analyst:**	ROME	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**5.97**		%	03/21/24	11:50	NK	482624
Dry Weight Factor	D2216	1	1	1	**1.06**		-	03/21/24	11:50	NK	482624

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(0-1)	**Lab Sample ID:**	2403164-020A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:00		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24 9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	3.6	8.5	**53.8**	x	mg/Kg	03/22/24	1:34	SN	482607
TPH as Motor Oil	SW8015B	1	13	42	**216**		mg/Kg	03/22/24	1:34	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**72.1**		%	03/22/24	1:34	SN	482607

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(0-1)	**Lab Sample ID:**	2403164-020B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 11:04:00AM
Prep Batch ID:	1159213	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.6	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Chloromethane	SW8260B	1	2.3	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Vinyl Chloride	SW8260B	1	2.6	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Bromomethane	SW8260B	1	3.4	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Chloroethane	SW8260B	1	3.9	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Trichlorofluoromethane	SW8260B	1	2.6	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,1-Dichloroethene	SW8260B	1	2.6	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Freon 113	SW8260B	1	2.4	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Methylene Chloride	SW8260B	1	9.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
trans-1,2-Dichloroethene	SW8260B	1	2.7	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
MTBE	SW8260B	1	3.0	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,1-Dichloroethane	SW8260B	1	2.8	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
cis-1,2-Dichloroethene	SW8260B	1	2.9	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
2,2-Dichloropropane	SW8260B	1	2.5	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Bromochloromethane	SW8260B	1	3.0	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Chloroform	SW8260B	1	3.0	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Carbon Tetrachloride	SW8260B	1	2.6	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,1,1-Trichloroethane	SW8260B	1	2.7	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,1-Dichloropropene	SW8260B	1	2.5	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Benzene	SW8260B	1	2.9	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,2-Dichloroethane	SW8260B	1	3.0	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Trichloroethene	SW8260B	1	2.3	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Dibromomethane	SW8260B	1	2.4	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,2-Dichloropropane	SW8260B	1	2.4	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Bromodichloromethane	SW8260B	1	2.5	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
cis-1,3-Dichloropropene	SW8260B	1	2.0	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Toluene	SW8260B	1	2.3	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Tetrachloroethene	SW8260B	1	2.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
trans-1,3-Dichloropropene	SW8260B	1	2.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,1,2-Trichloroethane	SW8260B	1	2.4	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Dibromochloromethane	SW8260B	1	2.4	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,3-Dichloropropane	SW8260B	1	2.4	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,2-Dibromoethane	SW8260B	1	2.3	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Chlorobenzene	SW8260B	1	2.3	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Ethylbenzene	SW8260B	1	2.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,1,1,2-Tetrachloroethane	SW8260B	1	2.5	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
m,p-Xylene	SW8260B	1	4.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
o-Xylene	SW8260B	1	2.2	13	ND		ug/Kg	03/20/24	20:42	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(0-1)	**Lab Sample ID:**	2403164-020B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 11:04:00AM
Prep Batch ID:	1159213	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	2.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Bromoform	SW8260B	1	2.2	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Isopropyl Benzene	SW8260B	1	2.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
n-Propylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Bromobenzene	SW8260B	1	2.3	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,1,2,2-Tetrachloroethane	SW8260B	1	2.5	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
2-Chlorotoluene	SW8260B	1	2.3	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,3,5-Trimethylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,2,3-Trichloropropane	SW8260B	1	2.4	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
4-Chlorotoluene	SW8260B	1	2.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
tert-Butylbenzene	SW8260B	1	2.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,2,4-Trimethylbenzene	SW8260B	1	1.7	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
sec-Butyl Benzene	SW8260B	1	2.0	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
p-Isopropyltoluene	SW8260B	1	1.9	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,3-Dichlorobenzene	SW8260B	1	2.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,4-Dichlorobenzene	SW8260B	1	2.2	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
n-Butylbenzene	SW8260B	1	1.9	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,2-Dichlorobenzene	SW8260B	1	2.3	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.4	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Hexachlorobutadiene	SW8260B	1	1.8	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,2,4-Trichlorobenzene	SW8260B	1	1.9	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
Naphthalene	SW8260B	1	2.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
1,2,3-Trichlorobenzene	SW8260B	1	2.1	13	ND		ug/Kg	03/20/24	20:42	JZ	482573
2-Butanone	SW8260B	1	2.9	12.8	**7.74**	J	ug/Kg	03/20/24	20:42	JZ	482573
Acetone	SW8260B	1	10	25.7	**67.4**		ug/Kg	03/20/24	20:42	JZ	482573
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**111**		%	03/20/24	20:42	JZ	482573
(S) Toluene-d8	SW8260B		55.2 - 133		**111**		%	03/20/24	20:42	JZ	482573
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**101**		%	03/20/24	20:42	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(0-1)	**Lab Sample ID:**	2403164-020B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:00		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24	11:04:00AM
Prep Batch ID:	1159214	**Prep Analyst:**	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	55	130	ND		ug/Kg	03/20/24	20:42	JZ	482573
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**81.5**		%	03/20/24	20:42	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(2-3)	**Lab Sample ID:**	2403164-021A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:05		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	3/23/24 12:50:00PM
Prep Batch ID:	1159286	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.092	0.55	**0.14**	J	mg/Kg	03/25/24	11:48	BJAY	482658

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(2-3)	**Lab Sample ID:**	2403164-021A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:05		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	3/23/24 12:25:00PM
Prep Batch ID:	1159285	**Prep Analyst:**	PHUFANO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.055	5.50	ND		mg/Kg	03/25/24	19:39	AT	482681
Arsenic	SW6010B	1	0.17	1.43	**11.6**		mg/Kg	03/25/24	19:39	AT	482681
Barium	SW6010B	1	0.061	5.50	**256**		mg/Kg	03/25/24	19:39	AT	482681
Beryllium	SW6010B	1	0.061	5.50	**0.594**	J	mg/Kg	03/25/24	19:39	AT	482681
Cadmium	SW6010B	1	0.11	0.825	**0.468**	J	mg/Kg	03/25/24	19:39	AT	482681
Chromium	SW6010B	1	0.083	5.50	**73.2**		mg/Kg	03/25/24	19:39	AT	482681
Cobalt	SW6010B	1	0.077	5.50	**16.5**		mg/Kg	03/25/24	19:39	AT	482681
Copper	SW6010B	1	0.22	5.50	**55.6**		mg/Kg	03/25/24	19:39	AT	482681
Lead	SW6010B	1	0.11	3.30	**39.3**		mg/Kg	03/25/24	19:39	AT	482681
Molybdenum	SW6010B	1	0.055	5.50	**0.567**	J	mg/Kg	03/25/24	19:39	AT	482681
Nickel	SW6010B	1	0.55	5.50	**95.7**		mg/Kg	03/25/24	19:39	AT	482681
Selenium	SW6010B	1	0.39	1.21	ND		mg/Kg	03/25/24	19:39	AT	482681
Silver	SW6010B	1	0.17	0.550	ND		mg/Kg	03/25/24	19:39	AT	482681
Thallium	SW6010B	1	0.22	5.50	ND		mg/Kg	03/25/24	19:39	AT	482681
Vanadium	SW6010B	1	0.11	5.50	**63.8**		mg/Kg	03/25/24	19:39	AT	482681
Zinc	SW6010B	1	0.33	5.50	**124**		mg/Kg	03/25/24	19:39	AT	482681

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(2-3)	**Lab Sample ID:**	2403164-021A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:05		
SDG:			

Prep Method:	3546-PAH	**Prep Batch Date/Time:**	3/20/24 7:13:00PM
Prep Batch ID:	1159187	**Prep Analyst:**	SSUTRA

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Naphthalene	SW8270C	10	120	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
2-Methylnaphthalene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
1-Methylnaphthalene	SW8270C	10	130	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Acenaphthylene	SW8270C	10	91	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Acenaphthene	SW8270C	10	120	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Fluorene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Phenanthrene	SW8270C	10	100	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Anthracene	SW8270C	10	98	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Fluoranthene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Pyrene	SW8270C	10	130	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Benz[a]anthracene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Chrysene	SW8270C	10	170	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Benzo[b]fluoranthene	SW8270C	10	130	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Benzo[k]fluoranthene	SW8270C	10	90	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Benzo[a]pyrene	SW8270C	10	110	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Indeno[1,2,3-cd]pyrene	SW8270C	10	150	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Dibenz[a,h]anthracene	SW8270C	10	140	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
Benzo[g,h,i]perylene	SW8270C	10	180	2200	ND		ug/Kg	03/22/24	5:12	TA	482676
			Acceptance Limits								
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**90.8**		%	03/22/24	5:12	TA	482676
2-Fluorobiphenyl (S)	SW8270C		30 - 115		**91.7**		%	03/22/24	5:12	TA	482676
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**88.7**		%	03/22/24	5:12	TA	482676

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(2-3)	**Lab Sample ID:**	2403164-021A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:05		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	3/21/24 10:07:00AM
Prep Batch ID:	1159196	**Prep Analyst:**	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	38.5	110	ND		ug/Kg	03/21/24	21:55	AK	482613
Aroclor1221	SW8082A	1	5.50	110	ND		ug/Kg	03/21/24	21:55	AK	482613
Aroclor1232	SW8082A	1	18.7	110	ND		ug/Kg	03/21/24	21:55	AK	482613
Aroclor1242	SW8082A	1	3.30	110	ND		ug/Kg	03/21/24	21:55	AK	482613
Aroclor1248	SW8082A	1	2.20	110	ND		ug/Kg	03/21/24	21:55	AK	482613
Aroclor1254	SW8082A	1	15.4	110	ND		ug/Kg	03/21/24	21:55	AK	482613
Aroclor1260	SW8082A	1	26.4	110	**230**		ug/Kg	03/21/24	21:55	AK	482613
Total PCB	SW8082A	1	26.4	110	**230**		ug/Kg	03/21/24	21:55	AK	482613
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**88.0**		%	03/21/24	21:55	AK	482613
DCBP (S)	SW8082A		48 - 135		**85.0**		%	03/21/24	21:55	AK	482613

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(2-3)	**Lab Sample ID:**	2403164-021A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:05		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	3/20/24 3:28:00PM
Prep Batch ID:	1159119	**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	2.8	44	ND		ug/Kg	03/21/24	19:07	MS	482597
gamma-BHC (Lindane)	SW8081B	20	3.5	44	ND		ug/Kg	03/21/24	19:07	MS	482597
beta-BHC	SW8081B	20	7.0	44	ND		ug/Kg	03/21/24	19:07	MS	482597
delta-BHC	SW8081B	20	3.4	44	ND		ug/Kg	03/21/24	19:07	MS	482597
Heptachlor	SW8081B	20	2.3	44	ND		ug/Kg	03/21/24	19:07	MS	482597
Aldrin	SW8081B	20	4.3	44	ND		ug/Kg	03/21/24	19:07	MS	482597
Heptachlor Epoxide	SW8081B	20	1.7	44	**7.61**	J	ug/Kg	03/21/24	19:07	MS	482597
gamma-Chlordane	SW8081B	20	3.6	44	**4.95**	J	ug/Kg	03/21/24	19:07	MS	482597
alpha-Chlordane	SW8081B	20	3.8	44	**4.62**	J	ug/Kg	03/21/24	19:07	MS	482597
4,4'-DDE	SW8081B	20	4.3	44	**49.5**		ug/Kg	03/21/24	19:07	MS	482597
Endosulfan I	SW8081B	20	4.0	44	ND		ug/Kg	03/21/24	19:07	MS	482597
Dieldrin	SW8081B	20	3.3	44	**8.14**	J	ug/Kg	03/21/24	19:07	MS	482597
Endrin	SW8081B	20	4.1	44	ND		ug/Kg	03/21/24	19:07	MS	482597
4,4'-DDD	SW8081B	20	12	44	ND		ug/Kg	03/21/24	19:07	MS	482597
Endosulfan II	SW8081B	20	13	44	ND		ug/Kg	03/21/24	19:07	MS	482597
4,4-DDT	SW8081B	20	2.8	44	ND		ug/Kg	03/21/24	19:07	MS	482597
Endrin Aldehyde	SW8081B	20	3.3	44	ND		ug/Kg	03/21/24	19:07	MS	482597
Methoxychlor	SW8081B	20	4.4	44	ND		ug/Kg	03/21/24	19:07	MS	482597
Endosulfan Sulfate	SW8081B	20	2.6	44	ND		ug/Kg	03/21/24	19:07	MS	482597
Endrin Ketone	SW8081B	20	9.5	44	ND		ug/Kg	03/21/24	19:07	MS	482597
Chlordane, Technical	SW8081B	20	46	440	ND		ug/Kg	03/21/24	19:07	MS	482597
Toxaphene	SW8081B	20	190	1100	ND		ug/Kg	03/21/24	19:07	MS	482597
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**0.000**	D	%	03/21/24	19:07	MS	482597
Decachlorobiphenyl (S)	SW8081B		38 - 135		**0.000**	D	%	03/21/24	19:07	MS	482597

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(2-3)	**Lab Sample ID:**	2403164-021A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:05		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/20/24 6:00:00PM
Prep Batch ID:	1159206	**Prep Analyst:**	ROME

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**10.3**		%	03/21/24	11:50	RE	482562
Dry Weight Factor	D2216	1	1	1	**1.10**		-	03/21/24	11:50	RE	482562

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(2-3)	**Lab Sample ID:**	2403164-021A
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:05		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	3/21/24 9:50:00AM
Prep Batch ID:	1159195	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	3.7	8.8	**147**	x	mg/Kg	03/22/24	1:59	SN	482607
TPH as Motor Oil	SW8015B	1	14	44	**430**		mg/Kg	03/22/24	1:59	SN	482607
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**95.6**		%	03/22/24	1:59	SN	482607

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(2-3)	**Lab Sample ID:**	2403164-021B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 11:04:00AM
Prep Batch ID:	1159213	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.5	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Chloromethane	SW8260B	1	2.3	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Vinyl Chloride	SW8260B	1	2.5	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Bromomethane	SW8260B	1	3.3	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Chloroethane	SW8260B	1	3.7	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Trichlorofluoromethane	SW8260B	1	2.5	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,1-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Freon 113	SW8260B	1	2.3	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Methylene Chloride	SW8260B	1	8.8	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
trans-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
MTBE	SW8260B	1	2.9	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,1-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
cis-1,2-Dichloroethene	SW8260B	1	2.7	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
2,2-Dichloropropane	SW8260B	1	2.4	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Bromochloromethane	SW8260B	1	2.9	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Chloroform	SW8260B	1	2.9	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Carbon Tetrachloride	SW8260B	1	2.5	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,1,1-Trichloroethane	SW8260B	1	2.6	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,1-Dichloropropene	SW8260B	1	2.4	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Benzene	SW8260B	1	2.8	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,2-Dichloroethane	SW8260B	1	2.9	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Trichloroethene	SW8260B	1	2.2	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Dibromomethane	SW8260B	1	2.3	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Bromodichloromethane	SW8260B	1	2.4	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
cis-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Toluene	SW8260B	1	2.3	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Tetrachloroethene	SW8260B	1	2.1	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
trans-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,1,2-Trichloroethane	SW8260B	1	2.3	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Dibromochloromethane	SW8260B	1	2.3	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,3-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,2-Dibromoethane	SW8260B	1	2.2	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Chlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Ethylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,1,1,2-Tetrachloroethane	SW8260B	1	2.4	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
m,p-Xylene	SW8260B	1	3.9	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
o-Xylene	SW8260B	1	2.1	12	ND		ug/Kg	03/20/24	21:15	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(2-3)	**Lab Sample ID:**	2403164-021B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/20/24 11:04:00AM
Prep Batch ID:	1159213	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	2.0	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Bromoform	SW8260B	1	2.1	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Isopropyl Benzene	SW8260B	1	2.0	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
n-Propylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Bromobenzene	SW8260B	1	2.2	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,1,2,2-Tetrachloroethane	SW8260B	1	2.4	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
2-Chlorotoluene	SW8260B	1	2.2	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,3,5-Trimethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,2,3-Trichloropropane	SW8260B	1	2.4	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
4-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
tert-Butylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,2,4-Trimethylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
sec-Butyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
p-Isopropyltoluene	SW8260B	1	1.8	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,3-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,4-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
n-Butylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,2-Dichlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.3	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Hexachlorobutadiene	SW8260B	1	1.7	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,2,4-Trichlorobenzene	SW8260B	1	1.8	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
Naphthalene	SW8260B	1	2.1	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
1,2,3-Trichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	03/20/24	21:15	JZ	482573
2-Butanone	SW8260B	1	2.8	12.4	**5.76**	J	ug/Kg	03/20/24	21:15	JZ	482573
Acetone	SW8260B	1	10	24.7	**50.8**		ug/Kg	03/20/24	21:15	JZ	482573
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**114**		%	03/20/24	21:15	JZ	482573
(S) Toluene-d8	SW8260B		55.2 - 133		**112**		%	03/20/24	21:15	JZ	482573
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**104**		%	03/20/24	21:15	JZ	482573

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 03/19/24, 4:00 pm
Date Reported: 03/26/24

Client Sample ID:	SS-1(2-3)	**Lab Sample ID:**	2403164-021B
Project Name/Location:	451 ECR, Bixby	**Sample Matrix:**	Soil
Project Number:	285-2-1		
Date/Time Sampled:	03/19/24 / 15:05		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	3/20/24	11:04:00AM
Prep Batch ID:	1159214	**Prep Analyst:**	JZHAO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	53	120	ND		ug/Kg	03/20/24	21:15	JZ	482573
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**73.1**		%	03/20/24	21:15	JZ	482573

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	3546_OCP	**Prep Date:**	03/20/24	**Prep Batch:**	1159119
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482551
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	2.7	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			88.8	
Decachlorobiphenyl (S)			96.8	

Work Order:	2403164	**Prep Method:**	3546_PCB	**Prep Date:**	03/20/24	**Prep Batch:**	1159160
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482528
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Aroclor1016	35.0	100	ND	
Aroclor1221	5.00	100	ND	
Aroclor1232	17.0	100	ND	
Aroclor1242	3.00	100	ND	
Aroclor1248	2.00	100	ND	
Aroclor1254	14.0	100	ND	
Aroclor1260	24.0	100	ND	
TCMX (S)			94.0	
DCBP (S)			107	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	3546_TPH	**Prep Date:**	03/20/24	**Prep Batch:**	1159175
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482576
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.66	2.0	ND	
TPH as Motor Oil	0.76	5.0	1.85	
Pentacosane (S)			106	

Work Order:	2403164	**Prep Method:**	3546_OCP	**Prep Date:**	03/20/24	**Prep Batch:**	1159177
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482584
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	2.7	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			91.6	
Decachlorobiphenyl (S)			98.2	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	3546-PAH	**Prep Date:**	03/20/24	**Prep Batch:**	1159187
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482676
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Naphthalene	11	200	ND	
2-Methylnaphthalene	10	200	ND	
1-Methylnaphthalene	12	200	ND	
Acenaphthylene	8.3	200	ND	
Acenaphthene	11	200	ND	
Fluorene	10	200	ND	
Phenanthrene	9.3	200	ND	
Anthracene	8.9	200	ND	
Fluoranthene	10	200	ND	
Pyrene	12	200	ND	
Benz[a]anthracene	9.8	200	ND	
Chrysene	15	200	ND	
Benzo[b]fluoranthene	12	200	ND	
Benzo[k]fluoranthene	8.1	200	ND	
Benzo[a]pyrene	9.8	200	ND	
Indeno[1,2,3-cd]pyrene	14	200	ND	
Dibenz[a,h]anthracene	13	200	ND	
Benzo[g,h,i]perylene	17	200	ND	
Nitrobenzene-d5 (S)			86.3	
2-Fluorobiphenyl (S)			86.2	
p-Terphenyl-d14 (S)			92.0	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	3050B	**Prep Date:**	03/20/24	**Prep Batch:**	1159188
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482556
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Antimony	0.050	5.00	0.20	J	
Arsenic	0.15	1.30	ND		
Barium	0.055	5.00	ND		
Beryllium	0.055	5.00	ND		
Cadmium	0.10	0.750	ND		
Chromium	0.075	5.00	ND		
Cobalt	0.070	5.00	ND		
Copper	0.20	5.00	ND		
Lead	0.10	1.30	ND		
Molybdenum	0.050	5.00	0.075	J	
Nickel	0.50	5.00	ND		
Selenium	0.35	1.10	ND		
Silver	0.15	0.500	ND		
Thallium	0.20	5.00	ND		
Vanadium	0.10	5.00	ND		
Zinc	0.30	5.00	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	3546-PAH	**Prep Date:**	03/20/24	**Prep Batch:**	1159189
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482674
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Naphthalene	11	200	ND	
2-Methylnaphthalene	10	200	ND	
1-Methylnaphthalene	12	200	ND	
Acenaphthylene	8.3	200	ND	
Acenaphthene	11	200	ND	
Fluorene	10	200	ND	
Phenanthrene	9.3	200	ND	
Anthracene	8.9	200	ND	
Fluoranthene	10	200	ND	
Pyrene	12	200	ND	
Benz[a]anthracene	9.8	200	ND	
Chrysene	15	200	ND	
Benzo[b]fluoranthene	12	200	ND	
Benzo[k]fluoranthene	8.1	200	ND	
Benzo[a]pyrene	9.8	200	ND	
Indeno[1,2,3-cd]pyrene	14	200	ND	
Dibenz[a,h]anthracene	13	200	ND	
Benzo[g,h,i]perylene	17	200	ND	
Nitrobenzene-d5 (S)			88.4	
2-Fluorobiphenyl (S)			83.2	
p-Terphenyl-d14 (S)			90.2	

Work Order:	2403164	**Prep Method:**	7471BP	**Prep Date:**	03/20/24	**Prep Batch:**	1159193
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482559
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.083	0.50	ND	

Work Order:	2403164	**Prep Method:**	3546_TPH	**Prep Date:**	03/21/24	**Prep Batch:**	1159195
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482607
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.66	2.0	ND	
TPH as Motor Oil	0.76	5.0	1.39	
Pentacosane (S)			98.2	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	3546_PCB	**Prep Date:**	03/21/24	**Prep Batch:**	1159196
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482613
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Aroclor1016	35.0	100	ND	
Aroclor1221	5.00	100	ND	
Aroclor1232	17.0	100	ND	
Aroclor1242	3.00	100	ND	
Aroclor1248	2.00	100	ND	
Aroclor1254	14.0	100	ND	
Aroclor1260	24.0	100	ND	
TCMX (S)			96.0	
DCBP (S)			103	

Work Order:	2403164	**Prep Method:**	% Water-P	**Prep Date:**	03/20/24	**Prep Batch:**	1159206
Matrix:	Soil	**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482562
Units:	%						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/20/24	**Prep Batch:**	1159213
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482573
Units:	ug/Kg						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/20/24	**Prep Batch:**	1159213
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482573
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	2.5	
Naphthalene	1.7	10	6.2	
1,2,3-Trichlorobenzene	1.7	10	3.4	
2-Butanone	2.3	10	ND	
MIBK	2.0	20	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			114	
(S) Toluene-d8			105	
(S) 4-Bromofluorobenzene			109	

Work Order:	2403164	**Prep Method:**	5035GRO	**Prep Date:**	03/20/24	**Prep Batch:**	1159214
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482573
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			107	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/20/24	**Prep Batch:**	1159232
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482588
Units:	ug/Kg						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/20/24	**Prep Batch:**	1159232
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482588
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
MIBK	2.0	20	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			89.3	
(S) Toluene-d8			91.8	
(S) 4-Bromofluorobenzene			90.2	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/20/24	**Prep Batch:**	1159232
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482588
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	120	1000	ND	
Chloromethane	180	1000	ND	
Vinyl Chloride	200	1000	ND	
Bromomethane	270	1000	ND	
Chloroethane	300	1000	ND	
Trichlorofluoromethane	210	1000	ND	
1,1-Dichloroethene	200	1000	ND	
Freon 113	190	1000	ND	
Methylene Chloride	710	1000	ND	
trans-1,2-Dichloroethene	210	1000	ND	
MTBE	230	1000	ND	
TBA	1200	5000	ND	
Diisopropyl ether	230	1000	ND	
1,1-Dichloroethane	220	1000	ND	
Ethyl tert-Butyl ether	230	1000	ND	
cis-1,2-Dichloroethene	220	1000	ND	
2,2-Dichloropropane	190	1000	ND	
Bromochloromethane	230	1000	ND	
Chloroform	240	1000	ND	
Carbon Tetrachloride	210	1000	ND	
1,1,1-Trichloroethane	210	1000	ND	
1,1-Dichloropropene	200	1000	ND	
Benzene	220	1000	ND	
TAME	230	1000	ND	
1,2-Dichloroethane	230	1000	ND	
Trichloroethene	180	1000	ND	
Dibromomethane	180	1000	ND	
1,2-Dichloropropane	190	1000	ND	
Bromodichloromethane	200	1000	ND	
cis-1,3-Dichloropropene	160	1000	ND	
Toluene	180	1000	ND	
Tetrachloroethene	170	1000	ND	
trans-1,3-Dichloropropene	160	1000	ND	
1,1,2-Trichloroethane	180	1000	ND	
Dibromochloromethane	190	1000	ND	
1,3-Dichloropropane	180	1000	ND	
1,2-Dibromoethane	180	1000	ND	
Chlorobenzene	180	1000	ND	
Ethylbenzene	170	1000	ND	
1,1,1,2-Tetrachloroethane	190	1000	ND	
m,p-Xylene	320	1000	ND	
o-Xylene	170	1000	ND	
Styrene	160	1000	ND	
Bromoform	170	1000	ND	
Isopropyl Benzene	160	1000	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/20/24	**Prep Batch:**	1159232
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482588
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	160	1000	ND	
Bromobenzene	180	1000	ND	
1,1,2,2-Tetrachloroethane	190	1000	ND	
2-Chlorotoluene	180	1000	ND	
1,3,5-Trimethylbenzene	160	1000	ND	
1,2,3-Trichloropropane	190	1000	ND	
4-Chlorotoluene	160	1000	ND	
tert-Butylbenzene	160	1000	ND	
1,2,4-Trimethylbenzene	140	1000	ND	
sec-Butyl Benzene	160	1000	ND	
p-Isopropyltoluene	150	1000	ND	
1,3-Dichlorobenzene	170	1000	ND	
1,4-Dichlorobenzene	170	1000	ND	
n-Butylbenzene	150	1000	ND	
1,2-Dichlorobenzene	180	1000	ND	
1,2-Dibromo-3-Chloropropane	180	1000	ND	
Hexachlorobutadiene	140	1000	ND	
1,2,4-Trichlorobenzene	150	1000	ND	
Naphthalene	170	1000	ND	
1,2,3-Trichlorobenzene	170	1000	ND	
2-Butanone	230	1000	ND	
MIBK	200	2000	ND	
Hexachloroethane	500	1000	ND	
1,4-Dioxane	10000	20000	ND	
2-Hexanone	500	2000	ND	
Acetone	820	2000	2800	
(S) Dibromofluoromethane			97.9	
(S) Toluene-d8			101	
(S) 4-Bromofluorobenzene			89.7	

Work Order:	2403164	**Prep Method:**	5035GRO	**Prep Date:**	03/20/24	**Prep Batch:**	1159234
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482588
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	55	
(S) 4-Bromofluorobenzene			110	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	5035GRO	**Prep Date:**	03/20/24	**Prep Batch:**	1159234
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482588
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			126	

Work Order:	2403164	**Prep Method:**	% Water-P	**Prep Date:**	03/20/24	**Prep Batch:**	1159255
Matrix:	Soil	**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482624
Units:	%						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/21/24	**Prep Batch:**	1159261
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482643
Units:	ug/Kg						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/21/24	**Prep Batch:**	1159261
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482643
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
MIBK	2.0	20	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			86.8	
(S) Toluene-d8			92.7	
(S) 4-Bromofluorobenzene			91.4	

Work Order:	2403164	**Prep Method:**	5035GRO	**Prep Date:**	03/21/24	**Prep Batch:**	1159262
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482643
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			109	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/22/24	**Prep Batch:**	1159265
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/22/2024	**Analytical Batch:**	482637
Units:	ug/Kg						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/22/24	**Prep Batch:**	1159265
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/22/2024	**Analytical Batch:**	482637
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
MIBK	2.0	20	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			93.1	
(S) Toluene-d8			88.4	
(S) 4-Bromofluorobenzene			89.4	

Work Order:	2403164	**Prep Method:**	5035GRO	**Prep Date:**	03/22/24	**Prep Batch:**	1159266
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	3/22/2024	**Analytical Batch:**	482637
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			111	

MB Summary Report

Work Order:	2403164	**Prep Method:**	3050B	**Prep Date:**	03/23/24	**Prep Batch:**	1159285
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	3/25/2024	**Analytical Batch:**	482681
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	0.36	J
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	ND	
Beryllium	0.055	5.00	ND	
Cadmium	0.10	0.750	ND	
Chromium	0.075	5.00	ND	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	1.30	0.12	J
Molybdenum	0.050	5.00	0.17	J
Nickel	0.50	5.00	ND	
Selenium	0.35	1.10	ND	
Silver	0.15	0.500	ND	
Thallium	0.20	5.00	ND	
Vanadium	0.10	5.00	ND	
Zinc	0.30	5.00	ND	

Work Order:	2403164	**Prep Method:**	7471BP	**Prep Date:**	03/23/24	**Prep Batch:**	1159286
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	3/25/2024	**Analytical Batch:**	482658
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.083	0.50	ND	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2403164	**Prep Method:**	3546_OCP	**Prep Date:**	03/20/24	**Prep Batch:**	1159119
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482551
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	104	115	10.1	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	87.5	106	19.4	40 - 130	30	
Aldrin	0.20	2.0	ND	40	92.7	90.2	2.73	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	95.6	100	4.59	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	91.9	88.8	3.60	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	98.3	97.0	1.28	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	83.1	91.3		48 - 125		
Decachlorobiphenyl (S)				100	93.9	108		38 - 135		

Work Order:	2403164	**Prep Method:**	3546_PCB	**Prep Date:**	03/20/24	**Prep Batch:**	1159160
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482528
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53	100	ND	600	90.7	86.7	4.51	25 - 145	30	
Aroclor1260	36	100	ND	600	87.3	83.7	4.29	30 - 145	30	
TCMX (S)				0.10	89.0	85.0		48 - 125		
DCBP (S)				0.10	105	102		48 - 135		

Work Order:	2403164	**Prep Method:**	3546_TPH	**Prep Date:**	03/20/24	**Prep Batch:**	1159175
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482576
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.66	2.0	ND	25.0	80.5	84.6	5.33	52 - 115	30	
Pentacosane (S)				200	97.0	100		45 - 130		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2403164	**Prep Method:**	3546_OCP	**Prep Date:**	03/20/24	**Prep Batch:**	1159177
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482584
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	105	108	3.06	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	109	112	2.71	40 - 130	30	
Aldrin	0.20	2.0	ND	40	101	104	2.93	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	103	106	2.64	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	103	106	2.15	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	111	114	2.90	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	98.9	99.8		48 - 125		
Decachlorobiphenyl (S)				100	103	104		38 - 135		

Work Order:	2403164	**Prep Method:**	3546-PAH	**Prep Date:**	03/20/24	**Prep Batch:**	1159187
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482676
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	11	200	ND	400.0	73.2	69.5	5.25	45 - 110	30	
Pyrene	12	200	ND	400.0	84.0	81.1	3.64	45 - 125	30	
Nitrobenzene-d5 (S)				5556	81.3	75.5		23 - 120		
2-Fluorobiphenyl (S)				5556	79.6	80.8		30 - 115		
p-Terphenyl-d14 (S)				5556	89.8	84.9		18 - 137		

Work Order:	2403164	**Prep Method:**	3050B	**Prep Date:**	03/20/24	**Prep Batch:**	1159188
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482556
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	0.20	50	95.4	96.3	1.04	80 - 120	30	
Arsenic	0.15	1.30	ND	50	96.3	96.9	0.620	80 - 120	30	
Barium	0.055	5.00	ND	50	101	102	0.985	80 - 120	30	
Beryllium	0.055	5.00	ND	50	100	101	0.995	80 - 120	30	
Cadmium	0.10	0.750	ND	50	98.2	98.7	0.609	80 - 120	30	
Chromium	0.075	5.00	ND	50	101	102	0.985	80 - 120	30	
Cobalt	0.070	5.00	ND	50	100	101	0.995	80 - 120	30	
Copper	0.20	5.00	ND	50	102	103	0.976	80 - 120	30	
Lead	0.10	3.00	ND	50	101	101	0.000	80 - 120	30	
Molybdenum	0.050	5.00	0.075	50	101	102	0.985	80 - 120	30	
Nickel	0.50	5.00	ND	50	97.7	98.4	0.612	80 - 120	30	
Selenium	0.22	5.00	ND	50	88.1	88.7	0.678	80 - 120	30	
Silver	0.15	1.00	ND	50	98.9	99.6	0.604	80 - 120	30	
Thallium	0.20	5.00	ND	50	99.3	99.9	0.602	80 - 120	30	
Vanadium	0.10	5.00	ND	50	101	101	0.000	80 - 120	30	
Zinc	0.30	5.00	ND	50	97.4	98.1	0.818	80 - 120	30	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2403164	**Prep Method:**	3546-PAH	**Prep Date:**	03/20/24	**Prep Batch:**	1159189
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482674
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	11	200	ND	400.0	70.5	72.7	3.14	45 - 110	30	
Pyrene	12	200	ND	400.0	85.0	80.2	5.75	45 - 125	30	
Nitrobenzene-d5 (S)				5556	82.2	79.7		23 - 120		
2-Fluorobiphenyl (S)				5556	79.6	77.1		30 - 115		
p-Terphenyl-d14 (S)				5556	87.2	88.2		18 - 137		

Work Order:	2403164	**Prep Method:**	7471BP	**Prep Date:**	03/20/24	**Prep Batch:**	1159193
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482559
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	106	106	0.755	80 - 120	20	

Work Order:	2403164	**Prep Method:**	3546_TPH	**Prep Date:**	03/21/24	**Prep Batch:**	1159195
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482607
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.66	2.0	ND	25.0	78.6	68.6	13.6	52 - 115	30	
Pentacosane (S)				200	83.4	75.6		45 - 130		

Work Order:	2403164	**Prep Method:**	3546_PCB	**Prep Date:**	03/21/24	**Prep Batch:**	1159196
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482613
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53	100	ND	600	94.8	97.7	2.94	25 - 145	30	
Aroclor1260	36	100	ND	600	97.2	94.5	2.78	30 - 145	30	
TCMX (S)				0.10	90.0	88.0		48 - 125		
DCBP (S)				0.10	99.0	97.0		48 - 135		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/20/24	**Prep Batch:**	1159213
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482573
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	78.9	83.0	4.94	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	94.2	100	6.37	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	94.4	95.5	1.26	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	95.5	101	5.89	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	94.7	100	5.74	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	95.4	101		59.8 - 148		
(S) Toluene-d8				50.0	105	111		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	90.1	94.4		55.8 - 141		

Work Order:	2403164	**Prep Method:**	5035GRO	**Prep Date:**	03/20/24	**Prep Batch:**	1159214
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482573
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100		1000	104	97.9	6.04	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	112	94.7		43.9 - 127		

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/20/24	**Prep Batch:**	1159232
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482588
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	84.0	81.2	3.39	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	110	106	3.15	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	115	113	1.92	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	113	109	3.25	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	113	109	3.77	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	116	122		59.8 - 148		
(S) Toluene-d8				50.0	105	102		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	100	94.5		55.8 - 141		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/20/24	**Prep Batch:**	1159232
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482588
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
MTBE	2.34	10.0	ND	50.0	113	108	5.25	70 - 130	30	
Benzene	2.2	10	ND	50.0	110	106	3.15	66.5 - 135	30	
Ethylbenzene	1.65	10.0	ND	50.0	111	108	3.29	70 - 130	30	
Toluene	1.82	10	ND	50.0	113	109	3.25	56.8 - 134	30	
m,p-Xylene	3.16	10.0	ND	100	109	105	3.74	70 - 130	30	
o-Xylene	1.73	10.0	ND	50.0	110	106	3.89	70 - 130	30	
(S) Dibromofluoromethane				50.0	116	122		59.8 - 148		
(S) Toluene-d8				50.0	105	102		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	100	94.5		55.8 - 141		

Work Order:	2403164	**Prep Method:**	5035GRO	**Prep Date:**	03/20/24	**Prep Batch:**	1159234
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	3/20/2024	**Analytical Batch:**	482588
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	55	1000	108	104	3.77	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	113	114		43.9 - 127		

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/21/24	**Prep Batch:**	1159261
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482643
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	70.6	72.3	2.52	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	94.3	95.3	1.06	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	92.8	95.8	3.18	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	94.1	95.9	1.68	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	94.4	97.0	2.72	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	91.9	104		59.8 - 148		
(S) Toluene-d8				50.0	88.7	91.0		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	84.0	87.8		55.8 - 141		

Work Order:	2403164	**Prep Method:**	5035GRO	**Prep Date:**	03/21/24	**Prep Batch:**	1159262
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482643
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	ND	1000	106	109	2.79	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	111	109		43.9 - 127		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2403164	**Prep Method:**	5035	**Prep Date:**	03/22/24	**Prep Batch:**	1159265
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/22/2024	**Analytical Batch:**	482637
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	75.6	77.9	2.87	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	94.2	101	6.77	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	97.2	105	7.91	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	101	104	2.73	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	99.4	104	4.52	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	110	118		59.8 - 148		
(S) Toluene-d8				50.0	96.3	98.5		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	90.9	93.5		55.8 - 141		

Work Order:	2403164	**Prep Method:**	5035GRO	**Prep Date:**	03/22/24	**Prep Batch:**	1159266
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	3/22/2024	**Analytical Batch:**	482637
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	ND	1000	105	88.8	16.7	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	109	109		43.9 - 127		

Work Order:	2403164	**Prep Method:**	3050B	**Prep Date:**	03/23/24	**Prep Batch:**	1159285
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	3/25/2024	**Analytical Batch:**	482681
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	0.36	50	116	115	0.866	80 - 120	30	
Arsenic	0.15	1.30	ND	50	110	109	0.913	80 - 120	30	
Barium	0.055	5.00	ND	50	116	116	0.000	80 - 120	30	
Beryllium	0.055	5.00	ND	50	114	114	0.000	80 - 120	30	
Cadmium	0.10	0.750	ND	50	112	111	0.897	80 - 120	30	
Chromium	0.075	5.00	ND	50	116	115	0.866	80 - 120	30	
Cobalt	0.070	5.00	ND	50	114	114	0.000	80 - 120	30	
Copper	0.20	5.00	ND	50	118	117	0.851	80 - 120	30	
Lead	0.10	3.00	0.12	50	113	113	0.000	80 - 120	30	
Molybdenum	0.050	5.00	0.17	50	117	116	0.858	80 - 120	30	
Nickel	0.50	5.00	ND	50	114	113	0.881	80 - 120	30	
Selenium	0.22	5.00	ND	50	100	100	0.000	80 - 120	30	
Silver	0.15	1.00	ND	50	113	113	0.000	80 - 120	30	
Thallium	0.20	5.00	ND	50	113	112	0.889	80 - 120	30	
Vanadium	0.10	5.00	ND	50	116	116	0.000	80 - 120	30	
Zinc	0.30	5.00	ND	50	111	110	0.905	80 - 120	30	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2403164	**Prep Method:**	7471BP	**Prep Date:**	03/23/24	**Prep Batch:**	1159286
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	3/25/2024	**Analytical Batch:**	482658
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	107	109	2.23	80 - 120	20	

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2403164	**Prep Method:**	3546_TPH	**Prep Date:**	03/20/24	**Prep Batch:**	1159175
Matrix:	**Soil**	**Analytical Method:**	SW8015B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482576
Spiked Sample:	2403164-004A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	1.70	4.00	ND	25.0	132	123	6.90	52 - 115	30	S,x
Pentacosane (S)				100	56.7	48.0		45 - 130		

Work Order:	2403164	**Prep Method:**	3546_OCP	**Prep Date:**	03/20/24	**Prep Batch:**	1159177
Matrix:	**Soil**	**Analytical Method:**	SW8081B	**Analyzed Date:**	3/22/2024	**Analytical Batch:**	482584
Spiked Sample:	2403164-004A						
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)	1.59	20.0	ND	40	65.7	67.8	3.00	25 - 135	30	
Heptachlor	1.05	20.0	ND	40	86.9	94.0	7.73	40 - 130	30	
Aldrin	1.95	20.0	ND	40	88.4	90.1	1.68	25 - 140	30	
Dieldrin	1.48	20.0	ND	40	89.3	91.3	2.22	60 - 130	30	
Endrin	1.88	20.0	ND	40	80.9	86.7	7.16	55 - 135	30	
4,4-DDT	1.29	20.0	ND	40	76.6	82.2	6.92	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	87.0	92.9		48 - 125		
Decachlorobiphenyl (S)				100	80.5	95.1		38 - 135		

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2403164	**Prep Method:**	3050B	**Prep Date:**	03/20/24	**Prep Batch:**	1159188
Matrix:	**Soil**	**Analytical Method:**	SW6010B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482556
Spiked Sample:	2403164-001A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	69.5	68.5	1.45	30.7 - 130	30	
Arsenic	0.15	1.30	2.74	50	93.6	94.5	0.803	71.0 - 121	30	
Barium	0.055	5.00	134	50	43.0	62.0	5.61	70.2 - 130	30	S
Beryllium	0.055	5.00	ND	50	96.6	96.6	0.000	73.3 - 115	30	
Cadmium	0.10	0.750	ND	50	90.3	90.4	0.221	80.0 - 110	30	
Chromium	0.075	5.00	50.8	50	76.4	85.4	4.93	76.0 - 116	30	
Cobalt	0.070	5.00	9.26	50	88.5	88.5	0.000	57.4 - 122	30	
Copper	0.20	5.00	30.6	50	94.8	96.8	1.27	74.8 - 119	30	
Lead	0.10	3.00	9.32	50	96.4	100	3.42	57.9 - 118	30	
Molybdenum	0.050	5.00	ND	50	92.9	93.0	0.214	62.9 - 123	30	
Nickel	0.50	5.00	57.0	50	66.0	72.0	3.28	61.5 - 122	30	
Selenium	0.22	5.00	ND	50	83.4	83.3	0.000	62.0 - 111	30	
Silver	0.15	1.00	ND	50	102	102	0.000	75 - 125	30	
Thallium	0.20	5.00	ND	50	88.2	87.9	0.227	39.2 - 125	30	
Vanadium	0.10	5.00	39.3	50	86.4	88.4	1.20	65.8 - 122	30	
Zinc	0.30	5.00	57.5	50	69.0	77.0	4.26	59.9 - 122	30	

Work Order:	2403164	**Prep Method:**	3546-PAH	**Prep Date:**	03/20/24	**Prep Batch:**	1159189
Matrix:	**Soil**	**Analytical Method:**	SW8270C	**Analyzed Date:**	3/22/2024	**Analytical Batch:**	482674
Spiked Sample:	2403164-004A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	110000	2000000	ND	400.0	78.5	78.9	0.635	45 - 110	30	
Pyrene	120000	2000000	ND	400.0	72.9	86.2	16.6	45 - 125	30	
Nitrobenzene-d5 (S)				5556	94.0	85.7	9.24	30 - 120		
2-Fluorobiphenyl (S)				5556	92.2	85.9	7.07	23 - 115		
p-Terphenyl-d14 (S)				5556	83.4	98.9	17.0	18 - 137		

Work Order:	2403164	**Prep Method:**	7471BP	**Prep Date:**	03/20/24	**Prep Batch:**	1159193
Matrix:	**Soil**	**Analytical Method:**	SW7471B	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482559
Spiked Sample:	2403164-001A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	94.9	95.0	0.000	80 - 120	20	

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2403164	**Prep Method:**	3546_PCB	**Prep Date:**	03/21/24	**Prep Batch:**	1159196
Matrix:	**Soil**	**Analytical Method:**	SW8082A	**Analyzed Date:**	3/21/2024	**Analytical Batch:**	482613
Spiked Sample:	2403164-004A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53.0	100	ND	600	62.0	60.2	3.00	25 - 145	30	
Aroclor1260	36.0	100	ND	600	53.3	51.5	3.50	30 - 145	30	
TCMX (S)				0.10	60.0	58.0		48 - 125		
DCBP (S)				0.10	59.0	56.0		48 - 135		

Work Order:	2403164	**Prep Method:**	3050B	**Prep Date:**	03/23/24	**Prep Batch:**	1159285
Matrix:	**Soil**	**Analytical Method:**	SW6010B	**Analyzed Date:**	3/25/2024	**Analytical Batch:**	482681
Spiked Sample:	2403164-007A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	76.8	74.1	3.44	30.7 - 130	30	
Arsenic	0.15	1.30	9.22	50	101	99.6	0.844	71.0 - 121	30	
Barium	0.055	5.00	247	50	0	0	2.86	70.2 - 130	30	NR
Beryllium	0.055	5.00	ND	50	109	109	0.000	73.3 - 115	30	
Cadmium	0.10	0.750	ND	50	100	100	0.000	80.0 - 110	30	
Chromium	0.075	5.00	75.0	50	79.0	69.0	4.44	76.0 - 116	30	S
Cobalt	0.070	5.00	21.8	50	80.4	82.4	1.60	57.4 - 122	30	
Copper	0.20	5.00	49.0	50	97.0	102	2.53	74.8 - 119	30	
Lead	0.10	3.00	14.8	50	97.4	97.4	0.000	57.9 - 118	30	
Molybdenum	0.050	5.00	ND	50	105	104	0.948	62.9 - 123	30	
Nickel	0.50	5.00	82.1	50	52.8	67.8	6.22	61.5 - 122	30	S
Selenium	0.22	5.00	ND	50	94.3	92.5	1.93	62.0 - 111	30	
Silver	0.15	1.00	ND	50	117	118	0.851	75 - 125	30	
Thallium	0.20	5.00	ND	50	98.6	98.4	0.203	39.2 - 125	30	
Vanadium	0.10	5.00	61.3	50	82.4	93.4	4.74	65.8 - 122	30	
Zinc	0.30	5.00	80.9	50	61.2	73.2	5.22	59.9 - 122	30	

Work Order:	2403164	**Prep Method:**	7471BP	**Prep Date:**	03/23/24	**Prep Batch:**	1159286
Matrix:	**Soil**	**Analytical Method:**	SW7471B	**Analyzed Date:**	3/25/2024	**Analytical Batch:**	482658
Spiked Sample:	2403164-007A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	94.0	96.3	1.55	80 - 120	20	

Torrent LABORATORY, INC.

Duplicate QC Summary Report

Work Order:	2403164	**Prep Method:**	% Water-P	**Prep Date:**	3/20/2024	**Prep Batch:**	1159255
Matrix:		**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	03/21/24	**Analytical Batch:**	482624
Units:						**Lab Sample ID:**	2403164-001A-DUP-1159255

Parameters	MDL	PQL	Sample Result	Duplicate Result	% RPD
Moisture, Percent	0.050	0.0500	21.0	20.6	1.92

Work Order:	2403164	**Prep Method:**	% Water-P	**Prep Date:**	3/20/2024	**Prep Batch:**	1159255
Matrix:		**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	03/21/24	**Analytical Batch:**	482624
Units:						**Lab Sample ID:**	2403164-011A-DUP-1159255

Parameters	MDL	PQL	Sample Result	Duplicate Result	% RPD
Moisture, Percent	0.050	0.0500	33.7	32.8	2.71

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: 451 ECR, Bixby

Work Order No.: 2403164

Date and Time Received: 3/19/2024 4:00:00PM

Received By: cm

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?	No	Temperature:	7.0	°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:	451 ECR, Bixby		**TAT Requested:**	5+ day:5
Project # :	285-2-1		**Date Received:**	3/19/2024
Report Due Date:	3/26/2024		**Time Received:**	4:00 pm

Comments:

Work Order # : ***2403164***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2403164-001A	SS-7(1-2)	03/19/24 8:00	Soil	09/15/24			TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt EDD PAH_S_8270C Pest_S_8081 DryWt Hg_S_7471B Dry Wt Met_S_6010CAM17 DryW PMOIST	
Sample Note:	Pls report to MDL. PAH dry weight							
2403164-001B	SS-7(1-2)	03/19/24 8:00	Soil	09/15/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
Sample Note:	Encores. Pls report to MDL.							
2403164-002A	SS-8(3-4)	03/19/24 8:30	Soil	09/15/24			PMOIST PCBs_S_8082A_Dry Wt PAH_S_8270C TPHDO_S_8015B DryWt Hg_S_7471B Dry Wt Pest_S_8081 DryWt Met_S_6010CAM17 DryW	
2403164-002B	SS-8(3-4)	03/19/24 8:30	Soil	09/15/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
2403164-003A	SS-9(2-3)	03/19/24 9:15	Soil	09/15/24			PMOIST PCBs_S_8082A_Dry Wt PAH_S_8270C TPHDO_S_8015B DryWt	

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5119 Cornerstone Earth Group
Project Name: 451 ECR, Bixby
Project # : 285-2-1
Report Due Date: 3/26/2024

QC Level: II
TAT Requested: 5+ day:5
Date Received: 3/19/2024
Time Received: 4:00 pm

Comments:

Work Order # : ***2403164***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2403164-003B	SS-9(2-3)	03/19/24 9:15	Soil	09/15/24			Hg_S_7471B Dry Wt Pest_S_8081 DryWt Met_S_6010CAM17 DryW PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
2403164-004A	SS-10(3-4)	03/19/24 9:45	Soil	09/15/24			PMOIST PCBs_S_8082A_Dry Wt PAH_S_8270C TPHDO_S_8015B DryWt Pest_S_8081 DryWt Hg_S_7471B Dry Wt Met_S_6010CAM17 DryW	
2403164-004B	SS-10(3-4)	03/19/24 9:45	Soil	09/15/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
2403164-005A	SS-11(1-2)	03/19/24 10:30	Soil	09/15/24			PMOIST Hg_S_7471B Dry Wt PCBs_S_8082A_Dry Wt PAH_S_8270C TPHDO_S_8015B DryWt Pest_S_8081 DryWt Met_S_6010CAM17 DryW	
2403164-005B	SS-11(1-2)	03/19/24 10:30	Soil	09/15/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
2403164-006A	SV-7(4-5)	03/19/24 11:10	Soil	09/15/24				

Login Summary Report

Client ID:	TL5119	Cornerstone Earth Group		**QC Level:**	II
Project Name:	451 ECR, Bixby			**TAT Requested:**	5+ day:5
Project # :	285-2-1			**Date Received:**	3/19/2024
Report Due Date:	3/26/2024			**Time Received:**	4:00 pm

Comments:

Work Order # : ***2403164***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
							TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt Hg_S_7471B Dry Wt PAH_S_8270C Pest_S_8081 DryWt Met_S_6010CAM17 DryW PMOIST	
2403164-006B	SV-7(4-5)	03/19/24 11:10	Soil	09/15/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
2403164-007A	SS-12(0-1)	03/19/24 11:30	Soil	09/15/24			Met_S_6010CAM17 DryW Hg_S_7471B Dry Wt PCBs_S_8082A_Dry Wt PAH_S_8270C TPHDO_S_8015B DryWt Pest_S_8081 DryWt PMOIST	
2403164-007B	SS-12(0-1)	03/19/24 11:30	Soil	09/15/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
2403164-008A	SS-12(4-5)	03/19/24 11:35	Soil	09/15/24			Met_S_6010CAM17 DryW PCBs_S_8082A_Dry Wt PAH_S_8270C TPHDO_S_8015B DryWt Pest_S_8081 DryWt Hg_S_7471B Dry Wt PMOIST	
2403164-008B	SS-12(4-5)	03/19/24 11:35	Soil	09/15/24				

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5119 Cornerstone Earth Group
Project Name: 451 ECR, Bixby
Project # : 285-2-1
Report Due Date: 3/26/2024

QC Level: II
TAT Requested: 5+ day:5
Date Received: 3/19/2024
Time Received: 4:00 pm

Comments:

Work Order # : ***2403164***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2403164-009A	SS-13(3-4)	03/19/24 12:00	Soil	09/15/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt Hg_S_7471B Dry Wt PAH_S_8270C Pest_S_8081 DryWt PMOIST Met_S_6010CAM17 DryW	
2403164-009B	SS-13(3-4)	03/19/24 12:00	Soil	09/15/24			PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF Met_S_6010CAM17 DryW Hg_S_7471B Dry Wt PCBs_S_8082A_Dry Wt PAH_S_8270C TPHDO_S_8015B DryWt Pest_S_8081 DryWt PMOIST	
2403164-010A	SS-14(0-1)	03/19/24 12:30	Soil	09/15/24			PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt Hg_S_7471B Dry Wt PAH_S_8270C	
2403164-010B	SS-14(0-1)	03/19/24 12:30	Soil	09/15/24				
2403164-011A	SS-14(3-4)	03/19/24 12:35	Soil	09/15/24				

Login Summary Report

Client ID: TL5119 Cornerstone Earth Group
Project Name: 451 ECR, Bixby
Project # : 285-2-1
Report Due Date: 3/26/2024

QC Level: II
TAT Requested: 5+ day:5
Date Received: 3/19/2024
Time Received: 4:00 pm

Comments:

Work Order # : ***2403164***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2403164-011B	SS-14(3-4)	03/19/24 12:35	Soil	09/15/24			Pest_S_8081 DryWt PMOIST Met_S_6010CAM17 DryW PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	
2403164-012A	SS-6(1-2)	03/19/24 13:00	Soil	09/15/24			TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt Hg_S_7471B Dry Wt PAH_S_8270C Pest_S_8081 DryWt PMOIST Met_S_6010CAM17 DryW	
2403164-012B	SS-6(1-2)	03/19/24 13:00	Soil	09/15/24			PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	
2403164-013A	SS-5(2-3)	03/19/24 13:30	Soil	09/15/24			TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt Hg_S_7471B Dry Wt PAH_S_8270C Pest_S_8081 DryWt Met_S_6010CAM17 DryW PMOIST	
2403164-013B	SS-5(2-3)	03/19/24 13:30	Soil	09/15/24			PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	
2403164-014A	SS-4(0-1)	03/19/24 14:00	Soil	09/15/24				

Login Summary Report

Client ID:	TL5119	Cornerstone Earth Group		**QC Level:**	II
Project Name:	451 ECR, Bixby			**TAT Requested:**	5+ day:5
Project # :	285-2-1			**Date Received:**	3/19/2024
Report Due Date:	3/26/2024			**Time Received:**	4:00 pm

Comments:

Work Order # : ***2403164***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2403164-014B	SS-4(0-1)	03/19/24 14:00	Soil	09/15/24			TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt Hg_S_7471B Dry Wt PAH_S_8270C Pest_S_8081 DryWt Met_S_6010CAM17 DryW PMOIST	
2403164-015A	SS-4(4-5)	03/19/24 14:05	Soil	09/15/24			PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	
2403164-015B	SS-4(4-5)	03/19/24 14:05	Soil	09/15/24			TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt Hg_S_7471B Dry Wt PAH_S_8270C Pest_S_8081 DryWt Met_S_6010CAM17 DryW PMOIST	
2403164-016A	SS-3(0-1)	03/19/24 14:30	Soil	09/15/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
2403164-016B	SS-3(0-1)	03/19/24 14:30	Soil	09/15/24			TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt Hg_S_7471B Dry Wt PAH_S_8270C Pest_S_8081 DryWt Met_S_6010CAM17 DryW PMOIST	

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5119 Cornerstone Earth Group
Project Name: 451 ECR, Bixby
Project # : 285-2-1
Report Due Date: 3/26/2024

QC Level: II
TAT Requested: 5+ day:5
Date Received: 3/19/2024
Time Received: 4:00 pm

Comments:

Work Order # : ***2403164***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2403164-017A	SS-3(2-3)	03/19/24 14:35	Soil	09/15/24			PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt Hg_S_7471B Dry Wt PAH_S_8270C Pest_S_8081 DryWt Met_S_6010CAM17 DryW	
2403164-017B	SS-3(2-3)	03/19/24 14:35	Soil	09/15/24			PMOIST	
2403164-018A	SS-2(0-1)	03/19/24 14:45	Soil	09/15/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt Hg_S_7471B Dry Wt PAH_S_8270C Pest_S_8081 DryWt PMOIST Met_S_6010CAM17 DryW	
2403164-018B	SS-2(0-1)	03/19/24 14:45	Soil	09/15/24			PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF TPHDO_S_8015B DryWt Met_S_6010CAM17 DryW PMOIST Pest_S_8081 DryWt	
2403164-019A	SS-2(3-4)	03/19/24 14:50	Soil	09/15/24				

Login Summary Report

Client ID: TL5119 Cornerstone Earth Group
Project Name: 451 ECR, Bixby
Project # : 285-2-1
Report Due Date: 3/26/2024

QC Level: II
TAT Requested: 5+ day:5
Date Received: 3/19/2024
Time Received: 4:00 pm

Comments:

Work Order # : ***2403164***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2403164-019B	SS-2(3-4)	03/19/24 14:50	Soil	09/15/24			PAH_S_8270C Hg_S_7471B Dry Wt PCBs_S_8082A_Dry Wt PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
2403164-020A	SS-1(0-1)	03/19/24 15:00	Soil	09/15/24			TPHDO_S_8015B DryWt Met_S_6010CAM17 DryW PMOIST Pest_S_8081 DryWt PAH_S_8270C Hg_S_7471B Dry Wt PCBs_S_8082A_Dry Wt	
2403164-020B	SS-1(0-1)	03/19/24 15:00	Soil	09/15/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
2403164-021A	SS-1(2-3)	03/19/24 15:05	Soil	09/15/24			TPHDO_S_8015B DryWt Pest_S_8081 DryWt Met_S_6010CAM17 DryW PAH_S_8270C PMOIST Hg_S_7471B Dry Wt PCBs_S_8082A_Dry Wt	
2403164-021B	SS-1(2-3)	03/19/24 15:05	Soil	09/15/24			PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	

CORNERSTONE EARTH GROUP

Chain of Custody Record

2403164

Cornerstone Earth Group, Inc.	Project Manager: Peter Langtry	Site Sampler: BTM	Lab: Torrent	COC No: 1 Date: 3/19/24
1259 Oakmead Parkway	Phone:	Phone: 408-769-8394	Lab Contact: Kathie Evans	COC Page 1 of 2
Sunnyvale, CA 94085	Analysis Turnaround Time:	Lab EDD Required: Cornerstone EDD		Laboratory's Job No.
Phone: (408)-245-4600	1 WEEK ✓	Reporting Limits:		
	3 DAY ○			
Project Name: 451 ECR, Bixby	2 DAY ○			
Site: Santa Clara	1 DAY ○			
Project Number: 285-2-1	OTHER:			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs & TPH-g 8260B	SVOCs 8270C	TPH-d/o 8015B	Silica Gel Cleanup 3630C	OCPs 8081A	PCBs 8082	Florisil Cleanup 3620C	CAM 17 Metals 6010B/7471	Asbestos CARB 435 (PLM 400PC)	pH 9045	STLC-Cr	TCLP	report dry weight	PAHs (8270C)	hold	Laboratory's Sample Specific Notes:
SS-7 (1-2) -001A/B	3/19/24	0800	Liner GW	Soil	4		X		X		X	X		X						X		1
SS-8 (3-4) -002A/B		0830					X		X		X	X		X						X		2
SS-9 (2-3) -003A/B		0915					X		X		X	X		X						X		3
SS-10 (3-4) -004A/B		0945					X		X		X	X		X						X		4
SS-11 (1-2) -005A/B		1030					X		X		X	X		X						X		5
SV-7 (4-5) -006A/B		1110					X		X		X	X		X						X	BTM	No Hold SV-7 (4-5) 6
SS-12 (0-1) -007A/B		1130					X		X		✓	X		X						X		7
SS-12 (4-5) -008A/B		1135					X		X		X	X		X						X		8
SS-13 (3-4) -009A/B		1200					X		X		X	X		X						X		9
SS-14 (0-1) -010A/B		1230					X		X		X	X		X						X		10
SS-14 (3-4) -011A/B		1235					X		X		X	X		X						X		11
SS-6 (1-2) -012A/B		1300					X		X		X	X		X						X		12
SS-5 (2-3) -013A/B		1330					X		X		X	X		X						X		13
SS-4 (0-1) -014A/B		1400					X		X		X	X		X						X		14

Special Instructions/QC Requirements & Comments: REPORT ON A DRY-WEIGHT BASIS.

Adjust TAT for soluble analyses to report results with other analytes. ~~Please provide EDD at same time as PDF report.~~ D/O

Freeze CNOs/Terra Cores placed on hold.

Please include EDD with PDF report ~~No EDD Report Required~~ 7.4 #3

Send results to: bmoss@cornerstoneearth.com ~~jsoria@cornerstoneearth.com~~ hgockes@cornerstoneearth.com ~~plangtry@cornerstoneearth.com~~

Address invoice to: accounting@cornerstoneearth.com

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Cornerstone Earth Group	3/19/24 1600	Kathie Evans	Torrent	3-19-24 16:00
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Cooler w/ ice

2403164

CORNERSTONE EARTH GROUP

Chain of Custody Record

Cornerstone Earth Group, Inc.	**Project Manager:** Peter Langtry	**Site Sampler:** BTM	**Lab:** Torrent	**COC No:** 1 **Date:**
	Phone:	**Phone:** 408-769-8394	**Lab Contact:** Kathie Evans	**COC Page** 2 **of** 2

1259 Oakmead Parkway
Sunnyvale, CA 94085
Phone: (408)-245-4600

Project Name: Bixby
Site: 451 ECR Santa Clara
Project Number: 285-2-1

Analysis Turnaround Time: 1 WEEK ○ 3 DAY ○ 2 DAY ○ 1 DAY ○ OTHER: ____

Lab EDD Required: Cornerstone EDD

Reporting Limits:

Laboratory's Job No.

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs & TPH-g 8260B	SVOCs 8270C	TPH-d/o 8015B	Silica Gel Cleanup 3630C	OCPs 8081A	PCBs 8082	Florisil Cleanup 3620C	CAM 17 Metals 6010B/7471	Asbestos CARB 435 (PLM 400PC)	pH 9045	STLC-Cr	TCLP	report dry weight (8270C)	PAHs	hold	Laboratory's Sample Specific Notes:
SS-4(4-5) -015A/B	3/19/24	1405	Liner	Soil	4		X		X		X	X		X						X		15
SS-3(0-1) -016A/B	↓	1430	↓	↓	↓		X		X		X	X		X						X		16
SS-3(2-3) -017A/B	↓	1435	↓	↓	↓		X		X		X	X		X						X		17
SS-2(0-1) -018A/B	↓	1445	↓	↓	↓		X		X		X	X		X						X		18
SS-2(3-4) -019A/B	↓	1450	↓	↓	↓		X		X		X	X		X						X		19
SS-1(0-1) -020A/B	↓	1500	↓	↓	↓		X		X		X	X		X						X		20
SS-1(2-3) -021A/B	↓	1505	↓	↓	↓		X		X		X	X		X						X		21

Special Instructions/QC Requirements & Comments: REPORT ON A DRY-WEIGHT BASIS.
Adjust TAT for soluble analyses to report results with other analytes. ~~Please provide EDD at same time as PDF report.~~
Freeze CNOs/Terra Cores placed on hold. ~~[illegible]~~
Please include EDD with PDF report D/O

Send results to:
bmoss@cornerstoneearth.com
~~[illegible]~~@cornerstoneearth.com
hgockas
plangtry @cornerstoneearth.com

Address invoice to:
accounting@cornerstoneearth.com

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Cornerstone Earth Group	3/19/24 1600	Kathie Evans 1600	Torrent	3-19-24 1600

cooler w/ice

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

RE: 451-475 El Camino Real,Santa Clara

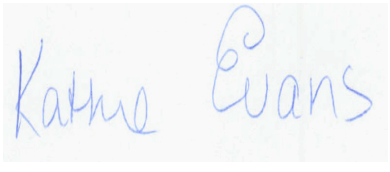
Work Order No.: 2404070

Dear Peter Langtry:

Torrent Laboratory, Inc. received 8 sample(s) on April 05, 2024 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

April 12, 2024
Date

Date: 4/12/2024

Client: Cornerstone Earth Group

Project: 451-475 El Camino Real,Santa Clara

Work Order: 2404070

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: Peter Langtry
Cornerstone Earth Group

Date Received: 04/05/24
Date Reported: 04/12/24

SV-2 2404070-001

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Dichlorodifluoromethane	TO15	1	1.6	2.5	4.0
1,1-Difluoroethane	TO15	1	0.35	14	6.9
Trichlorofluoromethane	TO15	1	0.56	2.8	18
Carbon Disulfide	TO15	1	0.37	1.6	14
2-Propanol (Isopropyl Alcohol)	TO15	1	1.3	12	14
Acetone	TO15	1	0.40	12	7.8
Hexane	TO15	1	0.46	1.8	1.6
Chloroform	TO15	1	0.97	2.4	64
Carbon Tetrachloride	TO15	1	1.1	3.1	11
Benzene	TO15	1	0.44	1.6	3.2
Toluene	TO15	1	0.75	1.9	4.9
Tetrachloroethylene	TO15	1	1.5	3.4	11
Ethyl Benzene	TO15	1	0.63	2.2	0.93
m,p-Xylene	TO15	1	0.98	2.2	4.0
o-Xylene	TO15	1	0.30	2.2	1.8
TPH as Gasoline	TO15	1	40	180	328

SV-5 2404070-002

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
1,1-Difluoroethane	TO15	3	1.0	41	11
Carbon Disulfide	TO15	3	1.1	4.7	71
2-Propanol (Isopropyl Alcohol)	TO15	3	3.8	37	180
Hexane	TO15	3	1.4	5.3	260
Benzene	TO15	3	1.3	4.8	68
Trichloroethylene	TO15	3	2.4	8.1	5.3
Toluene	TO15	3	2.3	5.7	27
Ethyl Benzene	TO15	3	1.9	6.5	4.0
m,p-Xylene	TO15	3	2.9	6.5	19
o-Xylene	TO15	3	0.91	6.5	9.0
4-Ethyl Toluene	TO15	3	1.6	7.4	2.7
1,3,5-Trimethylbenzene	TO15	3	0.90	7.4	3.0
1,2,4-Trimethylbenzene	TO15	3	1.8	7.4	5.6
1,2,4-Trichlorobenzene	TO15	3	6.5	11	24
TPH as Gasoline	TO15	3	120	530	10600

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 04/05/24
Date Reported: 04/12/24

SV-1 2404070-003

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
1,1-Difluoroethane	TO15	1.1	0.38	15	1.1
Trichlorofluoromethane	TO15	1.1	0.61	3.1	5.5
Carbon Disulfide	TO15	1.1	0.41	1.7	47
2-Propanol (Isopropyl Alcohol)	TO15	1.1	1.4	14	27
Acetone	TO15	1.1	0.43	13	70
Hexane	TO15	1.1	0.51	1.9	28
cis-1,2-Dichloroethene	TO15	1.1	0.91	2.2	3.2
Benzene	TO15	1.1	0.48	1.8	9.7
Trichloroethylene	TO15	1.1	0.89	3.0	8.7
Toluene	TO15	1.1	0.83	2.1	16
Tetrachloroethylene	TO15	1.1	1.6	3.7	24
Ethyl Benzene	TO15	1.1	0.69	2.4	66
m,p-Xylene	TO15	1.1	1.1	2.4	280
o-Xylene	TO15	1.1	0.33	2.4	130
4-Ethyl Toluene	TO15	1.1	0.60	2.7	9.6
1,3,5-Trimethylbenzene	TO15	1.1	0.33	2.7	5.2
1,2,4-Trimethylbenzene	TO15	1.1	0.65	2.7	11
Naphthalene	TO15	1.1	1.4	2.9	1.6
TPH as Gasoline	TO15	1.1	44	190	5520

SV-1R 2404070-004

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
1,1-Difluoroethane	TO15	1.1	0.38	15	2.4
Trichlorofluoromethane	TO15	1.1	0.61	3.1	4.9
Carbon Disulfide	TO15	1.1	0.41	1.7	21
2-Propanol (Isopropyl Alcohol)	TO15	1.1	1.4	14	30
Acetone	TO15	1.1	0.43	13	52
Hexane	TO15	1.1	0.51	1.9	5.9
cis-1,2-Dichloroethene	TO15	1.1	0.91	2.2	1.9
Chloroform	TO15	1.1	1.1	2.7	1.5
2-Butanone (MEK)	TO15	1.1	0.43	1.6	11
Benzene	TO15	1.1	0.48	1.8	6.9
Trichloroethylene	TO15	1.1	0.89	3.0	7.2
Toluene	TO15	1.1	0.83	2.1	13
Tetrachloroethylene	TO15	1.1	1.6	3.7	36
Ethyl Benzene	TO15	1.1	0.69	2.4	42
m,p-Xylene	TO15	1.1	1.1	2.4	190
o-Xylene	TO15	1.1	0.33	2.4	88
4-Ethyl Toluene	TO15	1.1	0.60	2.7	7.8
1,3,5-Trimethylbenzene	TO15	1.1	0.33	2.7	4.2
1,2,4-Trimethylbenzene	TO15	1.1	0.65	2.7	8.9
Naphthalene	TO15	1.1	1.4	2.9	1.4
TPH as Gasoline	TO15	1.1	44	190	2600

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 04/05/24
Date Reported: 04/12/24

SV-6 2404070-005

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
1,1-Difluoroethane	TO15	1	0.35	14	0.56
Carbon Disulfide	TO15	1	0.37	1.6	6.9
2-Propanol (Isopropyl Alcohol)	TO15	1	1.3	12	22
Acetone	TO15	1	0.40	12	18
Hexane	TO15	1	0.46	1.8	15
Benzene	TO15	1	0.44	1.6	4.1
Toluene	TO15	1	0.75	1.9	5.2
Tetrachloroethylene	TO15	1	1.5	3.4	8.2
Ethyl Benzene	TO15	1	0.63	2.2	15
m,p-Xylene	TO15	1	0.98	2.2	73
o-Xylene	TO15	1	0.30	2.2	41
4-Ethyl Toluene	TO15	1	0.55	2.5	0.72
1,3,5-Trimethylbenzene	TO15	1	0.30	2.5	0.78
Naphthalene	TO15	1	1.3	2.6	1.7
TPH as Gasoline	TO15	1	40	180	1810

SV-7 2404070-006

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
1,1-Difluoroethane	TO15	1	0.35	14	1.6
Trichlorofluoromethane	TO15	1	0.56	2.8	2.0
Carbon Disulfide	TO15	1	0.37	1.6	10
2-Propanol (Isopropyl Alcohol)	TO15	1	1.3	12	21
Methylene Chloride	TO15	1	0.70	10	3.3
Acetone	TO15	1	0.40	12	5.1
Hexane	TO15	1	0.46	1.8	1.8
Chloroform	TO15	1	0.97	2.4	4.9
1,1,1-Trichloroethane	TO15	1	0.79	2.7	1.5
Benzene	TO15	1	0.44	1.6	1.4
Toluene	TO15	1	0.75	1.9	4.2
Tetrachloroethylene	TO15	1	1.5	3.4	6.0
Ethyl Benzene	TO15	1	0.63	2.2	1.3
m,p-Xylene	TO15	1	0.98	2.2	5.3
o-Xylene	TO15	1	0.30	2.2	2.8
4-Ethyl Toluene	TO15	1	0.55	2.5	0.84
1,3,5-Trimethylbenzene	TO15	1	0.30	2.5	0.93
1,2,4-Trimethylbenzene	TO15	1	0.60	2.5	1.5
TPH as Gasoline	TO15	1	40	180	427

SV-7(IPA) 2404070-007

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
2-Propanol (Isopropyl Alcohol)	ETO15	1200	1500	15000	42000

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 04/05/24
Date Reported: 04/12/24

SV-8
2404070-008

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
1,1-Difluoroethane	TO15	1.05	0.36	14	1.2
Trichlorofluoromethane	TO15	1.05	0.58	3.0	2.0
Carbon Disulfide	TO15	1.05	0.39	1.6	3.9
Hexane	TO15	1.05	0.49	1.8	1.9
Chloroform	TO15	1.05	1.0	2.6	1.4
2-Butanone (MEK)	TO15	1.05	0.41	1.5	7.3
4-Methyl-2-Pentanone (MIBK)	TO15	1.05	0.78	2.2	1.2
Tetrachloroethylene	TO15	1.05	1.5	3.6	6.5
TPH as Gasoline	TO15	1.05	42	180	844
2-Propanol (Isopropyl Alcohol)	TO15	30	38	370	550

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-2	**Lab Sample ID:**	2404070-001A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 10:36	**Certified Clean WO # :**	
Canister/Tube ID:	R3572	**Received PSI :**	13.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/9/24 12:08:00PM
Prep Batch ID:	1159737	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	1.00	1.6	2.5	4.0	0.81		04/09/24	16:19	BP	483047
1,1-Difluoroethane	TO15	1.00	0.35	14	6.9	2.56	J	04/09/24	16:19	BP	483047
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		04/09/24	16:19	BP	483047
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		04/09/24	16:19	BP	483047
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		04/09/24	16:19	BP	483047
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		04/09/24	16:19	BP	483047
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		04/09/24	16:19	BP	483047
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		04/09/24	16:19	BP	483047
Trichlorofluoromethane	TO15	1.00	0.56	2.8	18	3.20		04/09/24	16:19	BP	483047
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/09/24	16:19	BP	483047
Freon 113	TO15	1.00	1.0	3.8	ND	ND		04/09/24	16:19	BP	483047
Carbon Disulfide	TO15	1.00	0.37	1.6	14	4.50		04/09/24	16:19	BP	483047
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	14	5.69		04/09/24	16:19	BP	483047
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		04/09/24	16:19	BP	483047
Acetone	TO15	1.00	0.40	12	7.8	3.28	J	04/09/24	16:19	BP	483047
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		04/09/24	16:19	BP	483047
Hexane	TO15	1.00	0.46	1.8	1.6	0.45	J	04/09/24	16:19	BP	483047
MTBE	TO15	1.00	0.44	1.8	ND	ND		04/09/24	16:19	BP	483047
tert-Butanol	TO15	1.00	0.62	1.5	ND	ND		04/09/24	16:19	BP	483047
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		04/09/24	16:19	BP	483047
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		04/09/24	16:19	BP	483047
ETBE	TO15	1.00	0.33	2.1	ND	ND		04/09/24	16:19	BP	483047
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/09/24	16:19	BP	483047
Chloroform	TO15	1.00	0.97	2.4	64	13.11		04/09/24	16:19	BP	483047
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		04/09/24	16:19	BP	483047
Carbon Tetrachloride	TO15	1.00	1.1	3.1	11	1.75		04/09/24	16:19	BP	483047
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		04/09/24	16:19	BP	483047
2-Butanone (MEK)	TO15	1.00	0.39	1.5	ND	ND		04/09/24	16:19	BP	483047
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		04/09/24	16:19	BP	483047
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		04/09/24	16:19	BP	483047
Benzene	TO15	1.00	0.44	1.6	3.2	1.00		04/09/24	16:19	BP	483047
TAME	TO15	1.00	0.67	2.1	ND	ND		04/09/24	16:19	BP	483047
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		04/09/24	16:19	BP	483047
Trichloroethylene	TO15	1.00	0.81	2.7	ND	ND		04/09/24	16:19	BP	483047
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		04/09/24	16:19	BP	483047
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		04/09/24	16:19	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-2	**Lab Sample ID:**	2404070-001A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 10:36	**Certified Clean WO # :**	
Canister/Tube ID:	R3572	**Received PSI :**	13.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO15-P **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159737 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		04/09/24	16:19	BP	483047
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		04/09/24	16:19	BP	483047
Toluene	TO15	1.00	0.75	1.9	4.9	1.30		04/09/24	16:19	BP	483047
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		04/09/24	16:19	BP	483047
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		04/09/24	16:19	BP	483047
Tetrachloroethylene	TO15	1.00	1.5	3.4	11	1.62		04/09/24	16:19	BP	483047
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		04/09/24	16:19	BP	483047
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		04/09/24	16:19	BP	483047
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		04/09/24	16:19	BP	483047
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		04/09/24	16:19	BP	483047
Ethyl Benzene	TO15	1.00	0.63	2.2	0.93	0.21	J	04/09/24	16:19	BP	483047
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		04/09/24	16:19	BP	483047
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		04/09/24	16:19	BP	483047
m,p-Xylene	TO15	1.00	0.98	2.2	4.0	0.92		04/09/24	16:19	BP	483047
o-Xylene	TO15	1.00	0.30	2.2	1.8	0.41	J	04/09/24	16:19	BP	483047
Styrene	TO15	1.00	0.46	2.1	ND	ND		04/09/24	16:19	BP	483047
Bromoform	TO15	1.00	1.3	5.2	ND	ND		04/09/24	16:19	BP	483047
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		04/09/24	16:19	BP	483047
4-Ethyl Toluene	TO15	1.00	0.55	2.5	ND	ND		04/09/24	16:19	BP	483047
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	ND	ND		04/09/24	16:19	BP	483047
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		04/09/24	16:19	BP	483047
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		04/09/24	16:19	BP	483047
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		04/09/24	16:19	BP	483047
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		04/09/24	16:19	BP	483047
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		04/09/24	16:19	BP	483047
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		04/09/24	16:19	BP	483047
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		04/09/24	16:19	BP	483047
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	98 %			04/09/24	16:19	BP	483047

Prep Method: TO15-GRO **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159739 **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 as Gasoline	TO15	1.00	40	180	328	93.18	x	04/09/24	16:19	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-2	**Lab Sample ID:**	2404070-001A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 10:36	**Certified Clean WO # :**	
Canister/Tube ID:	R3572	**Received PSI :**	13.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes amount due to discrete peaks and non-target hydrocarbons within range of C5-C12 quantified as gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-5	**Lab Sample ID:**	2404070-002A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 11:58	**Certified Clean WO # :**	
Canister/Tube ID:	8443	**Received PSI :**	11.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/9/24	12:08:00PM
Prep Batch ID:	1159737	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	3.00	4.7	7.4	ND	ND		04/09/24	16:45	BP	483047
1,1-Difluoroethane	TO15	3.00	1.0	41	11	4.07	J	04/09/24	16:45	BP	483047
1,2-Dichlorotetrafluoroethane	TO15	3.00	4.2	10	ND	ND		04/09/24	16:45	BP	483047
Chloromethane	TO15	3.00	6.1	12	ND	ND		04/09/24	16:45	BP	483047
Vinyl Chloride	TO15	3.00	0.68	3.8	ND	ND		04/09/24	16:45	BP	483047
1,3-Butadiene	TO15	3.00	1.0	3.3	ND	ND		04/09/24	16:45	BP	483047
Bromomethane	TO15	3.00	2.0	5.8	ND	ND		04/09/24	16:45	BP	483047
Chloroethane	TO15	3.00	2.4	4.0	ND	ND		04/09/24	16:45	BP	483047
Trichlorofluoromethane	TO15	3.00	1.7	8.4	ND	ND		04/09/24	16:45	BP	483047
1,1-Dichloroethene	TO15	3.00	2.5	6.0	ND	ND		04/09/24	16:45	BP	483047
Freon 113	TO15	3.00	3.1	11	ND	ND		04/09/24	16:45	BP	483047
Carbon Disulfide	TO15	3.00	1.1	4.7	71	22.83		04/09/24	16:45	BP	483047
2-Propanol (Isopropyl Alcohol)	TO15	3.00	3.8	37	180	73.17		04/09/24	16:45	BP	483047
Methylene Chloride	TO15	3.00	2.1	31	ND	ND		04/09/24	16:45	BP	483047
Acetone	TO15	3.00	1.2	36	ND	ND		04/09/24	16:45	BP	483047
trans-1,2-Dichloroethene	TO15	3.00	1.4	5.9	ND	ND		04/09/24	16:45	BP	483047
Hexane	TO15	3.00	1.4	5.3	260	73.86		04/09/24	16:45	BP	483047
MTBE	TO15	3.00	1.3	5.4	ND	ND		04/09/24	16:45	BP	483047
tert-Butanol	TO15	3.00	1.9	4.5	ND	ND		04/09/24	16:45	BP	483047
Diisopropyl ether (DIPE)	TO15	3.00	2.2	6.3	ND	ND		04/09/24	16:45	BP	483047
1,1-Dichloroethane	TO15	3.00	1.6	6.1	ND	ND		04/09/24	16:45	BP	483047
ETBE	TO15	3.00	0.98	6.3	ND	ND		04/09/24	16:45	BP	483047
cis-1,2-Dichloroethene	TO15	3.00	2.5	5.9	ND	ND		04/09/24	16:45	BP	483047
Chloroform	TO15	3.00	2.9	7.3	ND	ND		04/09/24	16:45	BP	483047
Vinyl Acetate	TO15	3.00	2.3	5.3	ND	ND		04/09/24	16:45	BP	483047
Carbon Tetrachloride	TO15	3.00	3.3	9.4	ND	ND		04/09/24	16:45	BP	483047
1,1,1-Trichloroethane	TO15	3.00	2.4	8.2	ND	ND		04/09/24	16:45	BP	483047
2-Butanone (MEK)	TO15	3.00	1.2	4.4	ND	ND		04/09/24	16:45	BP	483047
Ethyl Acetate	TO15	3.00	1.4	5.4	ND	ND		04/09/24	16:45	BP	483047
Tetrahydrofuran	TO15	3.00	1.3	4.4	ND	ND		04/09/24	16:45	BP	483047
Benzene	TO15	3.00	1.3	4.8	68	21.32		04/09/24	16:45	BP	483047
TAME	TO15	3.00	2.0	6.3	ND	ND		04/09/24	16:45	BP	483047
1,2-Dichloroethane (EDC)	TO15	3.00	1.3	6.1	ND	ND		04/09/24	16:45	BP	483047
Trichloroethylene	TO15	3.00	2.4	8.1	5.3	0.99	J	04/09/24	16:45	BP	483047
1,2-Dichloropropane	TO15	3.00	2.3	6.9	ND	ND		04/09/24	16:45	BP	483047
Bromodichloromethane	TO15	3.00	2.2	10	ND	ND		04/09/24	16:45	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-5	**Lab Sample ID:**	2404070-002A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 11:58	**Certified Clean WO # :**	
Canister/Tube ID:	8443	**Received PSI :**	11.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO15-P **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159737 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dioxane	TO15	3.00	5.4	11	ND	ND		04/09/24	16:45	BP	483047
trans-1,3-Dichloropropene	TO15	3.00	3.2	6.8	ND	ND		04/09/24	16:45	BP	483047
Toluene	TO15	3.00	2.3	5.7	27	7.16		04/09/24	16:45	BP	483047
4-Methyl-2-Pentanone (MIBK)	TO15	3.00	2.2	6.2	ND	ND		04/09/24	16:45	BP	483047
cis-1,3-Dichloropropene	TO15	3.00	1.3	6.8	ND	ND		04/09/24	16:45	BP	483047
Tetrachloroethylene	TO15	3.00	4.4	10	ND	ND		04/09/24	16:45	BP	483047
1,1,2-Trichloroethane	TO15	3.00	1.8	8.2	ND	ND		04/09/24	16:45	BP	483047
Dibromochloromethane	TO15	3.00	3.3	13	ND	ND		04/09/24	16:45	BP	483047
1,2-Dibromoethane (EDB)	TO15	3.00	2.2	12	ND	ND		04/09/24	16:45	BP	483047
2-Hexanone	TO15	3.00	2.0	6.2	ND	ND		04/09/24	16:45	BP	483047
Ethyl Benzene	TO15	3.00	1.9	6.5	4.0	0.92	J	04/09/24	16:45	BP	483047
Chlorobenzene	TO15	3.00	1.8	6.9	ND	ND		04/09/24	16:45	BP	483047
1,1,1,2-Tetrachloroethane	TO15	3.00	2.5	10	ND	ND		04/09/24	16:45	BP	483047
m,p-Xylene	TO15	3.00	2.9	6.5	19	4.38		04/09/24	16:45	BP	483047
o-Xylene	TO15	3.00	0.91	6.5	9.0	2.07		04/09/24	16:45	BP	483047
Styrene	TO15	3.00	1.4	6.4	ND	ND		04/09/24	16:45	BP	483047
Bromoform	TO15	3.00	3.9	16	ND	ND		04/09/24	16:45	BP	483047
1,1,2,2-Tetrachloroethane	TO15	3.00	2.5	10	ND	ND		04/09/24	16:45	BP	483047
4-Ethyl Toluene	TO15	3.00	1.6	7.4	2.7	0.55	J	04/09/24	16:45	BP	483047
1,3,5-Trimethylbenzene	TO15	3.00	0.90	7.4	3.0	0.61	J	04/09/24	16:45	BP	483047
1,2,4-Trimethylbenzene	TO15	3.00	1.8	7.4	5.6	1.14	J	04/09/24	16:45	BP	483047
1,4-Dichlorobenzene	TO15	3.00	2.2	9.0	ND	ND		04/09/24	16:45	BP	483047
1,3-Dichlorobenzene	TO15	3.00	4.0	9.0	ND	ND		04/09/24	16:45	BP	483047
1,2-Dichlorobenzene	TO15	3.00	3.2	9.0	ND	ND		04/09/24	16:45	BP	483047
Hexachlorobutadiene	TO15	3.00	5.6	16	ND	ND		04/09/24	16:45	BP	483047
1,2,4-Trichlorobenzene	TO15	3.00	6.5	11	24	3.23		04/09/24	16:45	BP	483047
Naphthalene	TO15	3.00	3.8	7.9	ND	ND		04/09/24	16:45	BP	483047
(S) 4-Bromofluorobenzene	TO15	3.00	50	150	100 %			04/09/24	16:45	BP	483047

Prep Method: TO15-GRO **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159739 **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 as Gasoline	TO15	3.00	120	530	10600	3,011.36	x	04/09/24	16:45	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-5	**Lab Sample ID:**	2404070-002A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 11:58	**Certified Clean WO # :**	
Canister/Tube ID:	8443	**Received PSI :**	11.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

NOTE: x – Does not match pattern of reference Gasoline standard. Result is elevated due to significant contribution from non-target hydrocarbons in C5-C12 range quantified as Gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-1	**Lab Sample ID:**	2404070-003A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 12:14	**Certified Clean WO # :**	
Canister/Tube ID:	N3994	**Received PSI :**	10.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/9/24 12:08:00PM
Prep Batch ID:	1159737	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	1.10	1.7	2.7	ND	ND		04/09/24	17:46	BP	483047
1,1-Difluoroethane	TO15	1.10	0.38	15	1.1	0.41	J	04/09/24	17:46	BP	483047
1,2-Dichlorotetrafluoroethane	TO15	1.10	1.5	3.8	ND	ND		04/09/24	17:46	BP	483047
Chloromethane	TO15	1.10	2.3	4.6	ND	ND		04/09/24	17:46	BP	483047
Vinyl Chloride	TO15	1.10	0.25	1.4	ND	ND		04/09/24	17:46	BP	483047
1,3-Butadiene	TO15	1.10	0.37	1.2	ND	ND		04/09/24	17:46	BP	483047
Bromomethane	TO15	1.10	0.72	2.1	ND	ND		04/09/24	17:46	BP	483047
Chloroethane	TO15	1.10	0.89	1.5	ND	ND		04/09/24	17:46	BP	483047
Trichlorofluoromethane	TO15	1.10	0.61	3.1	5.5	0.98		04/09/24	17:46	BP	483047
1,1-Dichloroethene	TO15	1.10	0.91	2.2	ND	ND		04/09/24	17:46	BP	483047
Freon 113	TO15	1.10	1.1	4.2	ND	ND		04/09/24	17:46	BP	483047
Carbon Disulfide	TO15	1.10	0.41	1.7	47	15.11		04/09/24	17:46	BP	483047
2-Propanol (Isopropyl Alcohol)	TO15	1.10	1.4	14	27	10.98		04/09/24	17:46	BP	483047
Methylene Chloride	TO15	1.10	0.77	11	ND	ND		04/09/24	17:46	BP	483047
Acetone	TO15	1.10	0.43	13	70	29.41		04/09/24	17:46	BP	483047
trans-1,2-Dichloroethene	TO15	1.10	0.52	2.2	ND	ND		04/09/24	17:46	BP	483047
Hexane	TO15	1.10	0.51	1.9	28	7.95		04/09/24	17:46	BP	483047
MTBE	TO15	1.10	0.49	2.0	ND	ND		04/09/24	17:46	BP	483047
tert-Butanol	TO15	1.10	0.68	1.7	ND	ND		04/09/24	17:46	BP	483047
Diisopropyl ether (DIPE)	TO15	1.10	0.81	2.3	ND	ND		04/09/24	17:46	BP	483047
1,1-Dichloroethane	TO15	1.10	0.60	2.2	ND	ND		04/09/24	17:46	BP	483047
ETBE	TO15	1.10	0.36	2.3	ND	ND		04/09/24	17:46	BP	483047
cis-1,2-Dichloroethene	TO15	1.10	0.91	2.2	3.2	0.81		04/09/24	17:46	BP	483047
Chloroform	TO15	1.10	1.1	2.7	ND	ND		04/09/24	17:46	BP	483047
Vinyl Acetate	TO15	1.10	0.83	1.9	ND	ND		04/09/24	17:46	BP	483047
Carbon Tetrachloride	TO15	1.10	1.2	3.5	ND	ND		04/09/24	17:46	BP	483047
1,1,1-Trichloroethane	TO15	1.10	0.87	3.0	ND	ND		04/09/24	17:46	BP	483047
2-Butanone (MEK)	TO15	1.10	0.43	1.6	ND	ND		04/09/24	17:46	BP	483047
Ethyl Acetate	TO15	1.10	0.52	2.0	ND	ND		04/09/24	17:46	BP	483047
Tetrahydrofuran	TO15	1.10	0.49	1.6	ND	ND		04/09/24	17:46	BP	483047
Benzene	TO15	1.10	0.48	1.8	9.7	3.04		04/09/24	17:46	BP	483047
TAME	TO15	1.10	0.74	2.3	ND	ND		04/09/24	17:46	BP	483047
1,2-Dichloroethane (EDC)	TO15	1.10	0.46	2.2	ND	ND		04/09/24	17:46	BP	483047
Trichloroethylene	TO15	1.10	0.89	3.0	8.7	1.62		04/09/24	17:46	BP	483047
1,2-Dichloropropane	TO15	1.10	0.84	2.5	ND	ND		04/09/24	17:46	BP	483047
Bromodichloromethane	TO15	1.10	0.82	3.7	ND	ND		04/09/24	17:46	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-1	**Lab Sample ID:**	2404070-003A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 12:14	**Certified Clean WO # :**	
Canister/Tube ID:	N3994	**Received PSI :**	10.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO15-P **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159737 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dioxane	TO15	1.10	2.0	4.0	ND	ND		04/09/24	17:46	BP	483047
trans-1,3-Dichloropropene	TO15	1.10	1.2	2.5	ND	ND		04/09/24	17:46	BP	483047
Toluene	TO15	1.10	0.83	2.1	16	4.24		04/09/24	17:46	BP	483047
4-Methyl-2-Pentanone (MIBK)	TO15	1.10	0.82	2.3	ND	ND		04/09/24	17:46	BP	483047
cis-1,3-Dichloropropene	TO15	1.10	0.46	2.5	ND	ND		04/09/24	17:46	BP	483047
Tetrachloroethylene	TO15	1.10	1.6	3.7	24	3.54		04/09/24	17:46	BP	483047
1,1,2-Trichloroethane	TO15	1.10	0.64	3.0	ND	ND		04/09/24	17:46	BP	483047
Dibromochloromethane	TO15	1.10	1.2	4.7	ND	ND		04/09/24	17:46	BP	483047
1,2-Dibromoethane (EDB)	TO15	1.10	0.81	4.2	ND	ND		04/09/24	17:46	BP	483047
2-Hexanone	TO15	1.10	0.72	2.3	ND	ND		04/09/24	17:46	BP	483047
Ethyl Benzene	TO15	1.10	0.69	2.4	66	15.21		04/09/24	17:46	BP	483047
Chlorobenzene	TO15	1.10	0.66	2.5	ND	ND		04/09/24	17:46	BP	483047
1,1,1,2-Tetrachloroethane	TO15	1.10	0.92	3.8	ND	ND		04/09/24	17:46	BP	483047
m,p-Xylene	TO15	1.10	1.1	2.4	280	64.52		04/09/24	17:46	BP	483047
o-Xylene	TO15	1.10	0.33	2.4	130	29.95		04/09/24	17:46	BP	483047
Styrene	TO15	1.10	0.51	2.3	ND	ND		04/09/24	17:46	BP	483047
Bromoform	TO15	1.10	1.4	5.7	ND	ND		04/09/24	17:46	BP	483047
1,1,2,2-Tetrachloroethane	TO15	1.10	0.90	3.8	ND	ND		04/09/24	17:46	BP	483047
4-Ethyl Toluene	TO15	1.10	0.60	2.7	9.6	1.95		04/09/24	17:46	BP	483047
1,3,5-Trimethylbenzene	TO15	1.10	0.33	2.7	5.2	1.06		04/09/24	17:46	BP	483047
1,2,4-Trimethylbenzene	TO15	1.10	0.65	2.7	11	2.24		04/09/24	17:46	BP	483047
1,4-Dichlorobenzene	TO15	1.10	0.82	3.3	ND	ND		04/09/24	17:46	BP	483047
1,3-Dichlorobenzene	TO15	1.10	1.5	3.3	ND	ND		04/09/24	17:46	BP	483047
1,2-Dichlorobenzene	TO15	1.10	1.2	3.3	ND	ND		04/09/24	17:46	BP	483047
Hexachlorobutadiene	TO15	1.10	2.0	5.9	ND	ND		04/09/24	17:46	BP	483047
1,2,4-Trichlorobenzene	TO15	1.10	2.4	4.1	ND	ND		04/09/24	17:46	BP	483047
Naphthalene	TO15	1.10	1.4	2.9	1.6	0.31	J	04/09/24	17:46	BP	483047
(S) 4-Bromofluorobenzene	TO15	1.10	50	150	100 %			04/09/24	17:46	BP	483047

Prep Method: TO15-GRO **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159739 **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 as Gasoline	TO15	1.10	44	190	5520	1,568.18	x	04/09/24	17:46	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-1	**Lab Sample ID:**	2404070-003A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 12:14	**Certified Clean WO # :**	
Canister/Tube ID:	N3994	**Received PSI :**	10.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

NOTE: x – The result is elevated due to contribution from heavy end hydrocarbons (possibly aged gasoline) and non-fuel light hydrocarbons to the C5-C12 range quantified as Gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-1R	**Lab Sample ID:**	2404070-004A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 12:21	**Certified Clean WO # :**	
Canister/Tube ID:	R3574	**Received PSI :**	10.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/9/24 12:08:00PM
Prep Batch ID:	1159737	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	1.10	1.7	2.7	ND	ND		04/09/24	18:47	BP	483047
1,1-Difluoroethane	TO15	1.10	0.38	15	2.4	0.89	J	04/09/24	18:47	BP	483047
1,2-Dichlorotetrafluoroethane	TO15	1.10	1.5	3.8	ND	ND		04/09/24	18:47	BP	483047
Chloromethane	TO15	1.10	2.3	4.6	ND	ND		04/09/24	18:47	BP	483047
Vinyl Chloride	TO15	1.10	0.25	1.4	ND	ND		04/09/24	18:47	BP	483047
1,3-Butadiene	TO15	1.10	0.37	1.2	ND	ND		04/09/24	18:47	BP	483047
Bromomethane	TO15	1.10	0.72	2.1	ND	ND		04/09/24	18:47	BP	483047
Chloroethane	TO15	1.10	0.89	1.5	ND	ND		04/09/24	18:47	BP	483047
Trichlorofluoromethane	TO15	1.10	0.61	3.1	4.9	0.87		04/09/24	18:47	BP	483047
1,1-Dichloroethene	TO15	1.10	0.91	2.2	ND	ND		04/09/24	18:47	BP	483047
Freon 113	TO15	1.10	1.1	4.2	ND	ND		04/09/24	18:47	BP	483047
Carbon Disulfide	TO15	1.10	0.41	1.7	21	6.75		04/09/24	18:47	BP	483047
2-Propanol (Isopropyl Alcohol)	TO15	1.10	1.4	14	30	12.20		04/09/24	18:47	BP	483047
Methylene Chloride	TO15	1.10	0.77	11	ND	ND		04/09/24	18:47	BP	483047
Acetone	TO15	1.10	0.43	13	52	21.85		04/09/24	18:47	BP	483047
trans-1,2-Dichloroethene	TO15	1.10	0.52	2.2	ND	ND		04/09/24	18:47	BP	483047
Hexane	TO15	1.10	0.51	1.9	5.9	1.68		04/09/24	18:47	BP	483047
MTBE	TO15	1.10	0.49	2.0	ND	ND		04/09/24	18:47	BP	483047
tert-Butanol	TO15	1.10	0.68	1.7	ND	ND		04/09/24	18:47	BP	483047
Diisopropyl ether (DIPE)	TO15	1.10	0.81	2.3	ND	ND		04/09/24	18:47	BP	483047
1,1-Dichloroethane	TO15	1.10	0.60	2.2	ND	ND		04/09/24	18:47	BP	483047
ETBE	TO15	1.10	0.36	2.3	ND	ND		04/09/24	18:47	BP	483047
cis-1,2-Dichloroethene	TO15	1.10	0.91	2.2	1.9	0.48	J	04/09/24	18:47	BP	483047
Chloroform	TO15	1.10	1.1	2.7	1.5	0.31	J	04/09/24	18:47	BP	483047
Vinyl Acetate	TO15	1.10	0.83	1.9	ND	ND		04/09/24	18:47	BP	483047
Carbon Tetrachloride	TO15	1.10	1.2	3.5	ND	ND		04/09/24	18:47	BP	483047
1,1,1-Trichloroethane	TO15	1.10	0.87	3.0	ND	ND		04/09/24	18:47	BP	483047
2-Butanone (MEK)	TO15	1.10	0.43	1.6	11	3.73		04/09/24	18:47	BP	483047
Ethyl Acetate	TO15	1.10	0.52	2.0	ND	ND		04/09/24	18:47	BP	483047
Tetrahydrofuran	TO15	1.10	0.49	1.6	ND	ND		04/09/24	18:47	BP	483047
Benzene	TO15	1.10	0.48	1.8	6.9	2.16		04/09/24	18:47	BP	483047
TAME	TO15	1.10	0.74	2.3	ND	ND		04/09/24	18:47	BP	483047
1,2-Dichloroethane (EDC)	TO15	1.10	0.46	2.2	ND	ND		04/09/24	18:47	BP	483047
Trichloroethylene	TO15	1.10	0.89	3.0	7.2	1.34		04/09/24	18:47	BP	483047
1,2-Dichloropropane	TO15	1.10	0.84	2.5	ND	ND		04/09/24	18:47	BP	483047
Bromodichloromethane	TO15	1.10	0.82	3.7	ND	ND		04/09/24	18:47	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-1R	**Lab Sample ID:**	2404070-004A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 12:21	**Certified Clean WO # :**	
Canister/Tube ID:	R3574	**Received PSI :**	10.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO15-P **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159737 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dioxane	TO15	1.10	2.0	4.0	ND	ND		04/09/24	18:47	BP	483047
trans-1,3-Dichloropropene	TO15	1.10	1.2	2.5	ND	ND		04/09/24	18:47	BP	483047
Toluene	TO15	1.10	0.83	2.1	13	3.45		04/09/24	18:47	BP	483047
4-Methyl-2-Pentanone (MIBK)	TO15	1.10	0.82	2.3	ND	ND		04/09/24	18:47	BP	483047
cis-1,3-Dichloropropene	TO15	1.10	0.46	2.5	ND	ND		04/09/24	18:47	BP	483047
Tetrachloroethylene	TO15	1.10	1.6	3.7	36	5.31		04/09/24	18:47	BP	483047
1,1,2-Trichloroethane	TO15	1.10	0.64	3.0	ND	ND		04/09/24	18:47	BP	483047
Dibromochloromethane	TO15	1.10	1.2	4.7	ND	ND		04/09/24	18:47	BP	483047
1,2-Dibromoethane (EDB)	TO15	1.10	0.81	4.2	ND	ND		04/09/24	18:47	BP	483047
2-Hexanone	TO15	1.10	0.72	2.3	ND	ND		04/09/24	18:47	BP	483047
Ethyl Benzene	TO15	1.10	0.69	2.4	42	9.68		04/09/24	18:47	BP	483047
Chlorobenzene	TO15	1.10	0.66	2.5	ND	ND		04/09/24	18:47	BP	483047
1,1,1,2-Tetrachloroethane	TO15	1.10	0.92	3.8	ND	ND		04/09/24	18:47	BP	483047
m,p-Xylene	TO15	1.10	1.1	2.4	190	43.78		04/09/24	18:47	BP	483047
o-Xylene	TO15	1.10	0.33	2.4	88	20.28		04/09/24	18:47	BP	483047
Styrene	TO15	1.10	0.51	2.3	ND	ND		04/09/24	18:47	BP	483047
Bromoform	TO15	1.10	1.4	5.7	ND	ND		04/09/24	18:47	BP	483047
1,1,2,2-Tetrachloroethane	TO15	1.10	0.90	3.8	ND	ND		04/09/24	18:47	BP	483047
4-Ethyl Toluene	TO15	1.10	0.60	2.7	7.8	1.59		04/09/24	18:47	BP	483047
1,3,5-Trimethylbenzene	TO15	1.10	0.33	2.7	4.2	0.85		04/09/24	18:47	BP	483047
1,2,4-Trimethylbenzene	TO15	1.10	0.65	2.7	8.9	1.81		04/09/24	18:47	BP	483047
1,4-Dichlorobenzene	TO15	1.10	0.82	3.3	ND	ND		04/09/24	18:47	BP	483047
1,3-Dichlorobenzene	TO15	1.10	1.5	3.3	ND	ND		04/09/24	18:47	BP	483047
1,2-Dichlorobenzene	TO15	1.10	1.2	3.3	ND	ND		04/09/24	18:47	BP	483047
Hexachlorobutadiene	TO15	1.10	2.0	5.9	ND	ND		04/09/24	18:47	BP	483047
1,2,4-Trichlorobenzene	TO15	1.10	2.4	4.1	ND	ND		04/09/24	18:47	BP	483047
Naphthalene	TO15	1.10	1.4	2.9	1.4	0.27		04/09/24	18:47	BP	483047
(S) 4-Bromofluorobenzene	TO15	1.10	50	150	81 %			04/09/24	18:47	BP	483047

Prep Method: TO15-GRO **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159739 **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 as Gasoline	TO15	1.10	44	190	2600	738.64	x	04/09/24	18:47	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-1R	**Lab Sample ID:**	2404070-004A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 12:21	**Certified Clean WO # :**	
Canister/Tube ID:	R3574	**Received PSI :**	10.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

NOTE: x - Although TPH as Gasoline constituents are present, sample chromatogram does not resemble pattern of reference Gasoline standard. Reported value includes contribution from heavy hydrocarbons within range of C5-C12 quantified as gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-6	**Lab Sample ID:**	2404070-005A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 13:48	**Certified Clean WO # :**	
Canister/Tube ID:	8300	**Received PSI :**	12.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/9/24 12:08:00PM
Prep Batch ID:	1159737	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	1.00	1.6	2.5	ND	ND		04/09/24	19:37	BP	483047
1,1-Difluoroethane	TO15	1.00	0.35	14	0.56	0.21	J	04/09/24	19:37	BP	483047
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		04/09/24	19:37	BP	483047
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		04/09/24	19:37	BP	483047
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		04/09/24	19:37	BP	483047
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		04/09/24	19:37	BP	483047
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		04/09/24	19:37	BP	483047
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		04/09/24	19:37	BP	483047
Trichlorofluoromethane	TO15	1.00	0.56	2.8	ND	ND		04/09/24	19:37	BP	483047
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/09/24	19:37	BP	483047
Freon 113	TO15	1.00	1.0	3.8	ND	ND		04/09/24	19:37	BP	483047
Carbon Disulfide	TO15	1.00	0.37	1.6	6.9	2.22		04/09/24	19:37	BP	483047
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	22	8.94		04/09/24	19:37	BP	483047
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		04/09/24	19:37	BP	483047
Acetone	TO15	1.00	0.40	12	18	7.56		04/09/24	19:37	BP	483047
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		04/09/24	19:37	BP	483047
Hexane	TO15	1.00	0.46	1.8	15	4.26		04/09/24	19:37	BP	483047
MTBE	TO15	1.00	0.44	1.8	ND	ND		04/09/24	19:37	BP	483047
tert-Butanol	TO15	1.00	0.62	1.5	ND	ND		04/09/24	19:37	BP	483047
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		04/09/24	19:37	BP	483047
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		04/09/24	19:37	BP	483047
ETBE	TO15	1.00	0.33	2.1	ND	ND		04/09/24	19:37	BP	483047
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/09/24	19:37	BP	483047
Chloroform	TO15	1.00	0.97	2.4	ND	ND		04/09/24	19:37	BP	483047
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		04/09/24	19:37	BP	483047
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		04/09/24	19:37	BP	483047
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		04/09/24	19:37	BP	483047
2-Butanone (MEK)	TO15	1.00	0.39	1.5	ND	ND		04/09/24	19:37	BP	483047
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		04/09/24	19:37	BP	483047
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		04/09/24	19:37	BP	483047
Benzene	TO15	1.00	0.44	1.6	4.1	1.29		04/09/24	19:37	BP	483047
TAME	TO15	1.00	0.67	2.1	ND	ND		04/09/24	19:37	BP	483047
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		04/09/24	19:37	BP	483047
Trichloroethylene	TO15	1.00	0.81	2.7	ND	ND		04/09/24	19:37	BP	483047
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		04/09/24	19:37	BP	483047
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		04/09/24	19:37	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-6	**Lab Sample ID:**	2404070-005A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 13:48	**Certified Clean WO # :**	
Canister/Tube ID:	8300	**Received PSI :**	12.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO15-P **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159737 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		04/09/24	19:37	BP	483047
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		04/09/24	19:37	BP	483047
Toluene	TO15	1.00	0.75	1.9	5.2	1.38		04/09/24	19:37	BP	483047
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		04/09/24	19:37	BP	483047
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		04/09/24	19:37	BP	483047
Tetrachloroethylene	TO15	1.00	1.5	3.4	8.2	1.21		04/09/24	19:37	BP	483047
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		04/09/24	19:37	BP	483047
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		04/09/24	19:37	BP	483047
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		04/09/24	19:37	BP	483047
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		04/09/24	19:37	BP	483047
Ethyl Benzene	TO15	1.00	0.63	2.2	15	3.46		04/09/24	19:37	BP	483047
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		04/09/24	19:37	BP	483047
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		04/09/24	19:37	BP	483047
m,p-Xylene	TO15	1.00	0.98	2.2	73	16.82		04/09/24	19:37	BP	483047
o-Xylene	TO15	1.00	0.30	2.2	41	9.45		04/09/24	19:37	BP	483047
Styrene	TO15	1.00	0.46	2.1	ND	ND		04/09/24	19:37	BP	483047
Bromoform	TO15	1.00	1.3	5.2	ND	ND		04/09/24	19:37	BP	483047
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		04/09/24	19:37	BP	483047
4-Ethyl Toluene	TO15	1.00	0.55	2.5	0.72	0.15	J	04/09/24	19:37	BP	483047
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	0.78	0.16	J	04/09/24	19:37	BP	483047
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		04/09/24	19:37	BP	483047
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		04/09/24	19:37	BP	483047
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		04/09/24	19:37	BP	483047
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		04/09/24	19:37	BP	483047
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		04/09/24	19:37	BP	483047
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		04/09/24	19:37	BP	483047
Naphthalene	TO15	1.00	1.3	2.6	1.7	0.32	J	04/09/24	19:37	BP	483047
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	84 %			04/09/24	19:37	BP	483047

Prep Method: TO15-GRO **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159739 **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 as Gasoline	TO15	1.00	40	180	1810	514.20	x	04/09/24	19:37	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-6	**Lab Sample ID:**	2404070-005A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 13:48	**Certified Clean WO # :**	
Canister/Tube ID:	8300	**Received PSI :**	12.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

NOTE: x - Although TPH as Gasoline constituents are present, sample chromatogram does not resemble pattern of reference Gasoline standard. Reported value includes contribution from heavy hydrocarbons within range of C5-C12 quantified as gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-7	**Lab Sample ID:**	2404070-006A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 14:31	**Certified Clean WO # :**	
Canister/Tube ID:	R3594	**Received PSI :**	12.3
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/9/24	12:08:00PM
Prep Batch ID:	1159737	**Prep Analyst:**	BPATEL	

The results shown below are reported using their MDL.

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15	1.00	1.6	2.5	ND	ND		04/09/24	22:45	BP	483047
1,1-Difluoroethane	TO15	1.00	0.35	14	1.6	0.59	J	04/09/24	22:45	BP	483047
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		04/09/24	22:45	BP	483047
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		04/09/24	22:45	BP	483047
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		04/09/24	22:45	BP	483047
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		04/09/24	22:45	BP	483047
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		04/09/24	22:45	BP	483047
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		04/09/24	22:45	BP	483047
Trichlorofluoromethane	TO15	1.00	0.56	2.8	2.0	0.36	J	04/09/24	22:45	BP	483047
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/09/24	22:45	BP	483047
Freon 113	TO15	1.00	1.0	3.8	ND	ND		04/09/24	22:45	BP	483047
Carbon Disulfide	TO15	1.00	0.37	1.6	10	3.22		04/09/24	22:45	BP	483047
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	21	8.54		04/09/24	22:45	BP	483047
Methylene Chloride	TO15	1.00	0.70	10	3.3	0.95	J	04/09/24	22:45	BP	483047
Acetone	TO15	1.00	0.40	12	5.1	2.14	J	04/09/24	22:45	BP	483047
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		04/09/24	22:45	BP	483047
Hexane	TO15	1.00	0.46	1.8	1.8	0.51		04/09/24	22:45	BP	483047
MTBE	TO15	1.00	0.44	1.8	ND	ND		04/09/24	22:45	BP	483047
tert-Butanol	TO15	1.00	0.62	1.5	ND	ND		04/09/24	22:45	BP	483047
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		04/09/24	22:45	BP	483047
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		04/09/24	22:45	BP	483047
ETBE	TO15	1.00	0.33	2.1	ND	ND		04/09/24	22:45	BP	483047
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/09/24	22:45	BP	483047
Chloroform	TO15	1.00	0.97	2.4	4.9	1.00		04/09/24	22:45	BP	483047
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		04/09/24	22:45	BP	483047
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		04/09/24	22:45	BP	483047
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	1.5	0.27	J	04/09/24	22:45	BP	483047
2-Butanone (MEK)	TO15	1.00	0.39	1.5	ND	ND		04/09/24	22:45	BP	483047
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		04/09/24	22:45	BP	483047
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		04/09/24	22:45	BP	483047
Benzene	TO15	1.00	0.44	1.6	1.4	0.44	J	04/09/24	22:45	BP	483047
TAME	TO15	1.00	0.67	2.1	ND	ND		04/09/24	22:45	BP	483047
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		04/09/24	22:45	BP	483047
Trichloroethylene	TO15	1.00	0.81	2.7	ND	ND		04/09/24	22:45	BP	483047
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		04/09/24	22:45	BP	483047
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		04/09/24	22:45	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-7	**Lab Sample ID:**	2404070-006A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 14:31	**Certified Clean WO # :**	
Canister/Tube ID:	R3594	**Received PSI :**	12.3
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO15-P **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159737 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		04/09/24	22:45	BP	483047
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		04/09/24	22:45	BP	483047
Toluene	TO15	1.00	0.75	1.9	4.2	1.11		04/09/24	22:45	BP	483047
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		04/09/24	22:45	BP	483047
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		04/09/24	22:45	BP	483047
Tetrachloroethylene	TO15	1.00	1.5	3.4	6.0	0.88		04/09/24	22:45	BP	483047
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		04/09/24	22:45	BP	483047
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		04/09/24	22:45	BP	483047
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		04/09/24	22:45	BP	483047
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		04/09/24	22:45	BP	483047
Ethyl Benzene	TO15	1.00	0.63	2.2	1.3	0.30	J	04/09/24	22:45	BP	483047
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		04/09/24	22:45	BP	483047
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		04/09/24	22:45	BP	483047
m,p-Xylene	TO15	1.00	0.98	2.2	5.3	1.22		04/09/24	22:45	BP	483047
o-Xylene	TO15	1.00	0.30	2.2	2.8	0.65		04/09/24	22:45	BP	483047
Styrene	TO15	1.00	0.46	2.1	ND	ND		04/09/24	22:45	BP	483047
Bromoform	TO15	1.00	1.3	5.2	ND	ND		04/09/24	22:45	BP	483047
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		04/09/24	22:45	BP	483047
4-Ethyl Toluene	TO15	1.00	0.55	2.5	0.84	0.17	J	04/09/24	22:45	BP	483047
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	0.93	0.19	J	04/09/24	22:45	BP	483047
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	1.5	0.30	J	04/09/24	22:45	BP	483047
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		04/09/24	22:45	BP	483047
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		04/09/24	22:45	BP	483047
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		04/09/24	22:45	BP	483047
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		04/09/24	22:45	BP	483047
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		04/09/24	22:45	BP	483047
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		04/09/24	22:45	BP	483047
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	89 %			04/09/24	22:45	BP	483047

Prep Method: TO15-GRO **Prep Batch Date/Time:** 4/9/24 12:08:00PM
Prep Batch ID: 1159739 **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 as Gasoline	TO15	1.00	40	180	427	121.31	x	04/09/24	22:45	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-7	**Lab Sample ID:**	2404070-006A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 14:31	**Certified Clean WO # :**	
Canister/Tube ID:	R3594	**Received PSI :**	12.3
Collection Volume (L):		**Corrected PSI :**	
SDG:			

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: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-7(IPA)	**Lab Sample ID:**	2404070-007A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 14:31	**Certified Clean WO # :**	
Canister/Tube ID:	A12213	**Received PSI :**	10.7
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/9/24	12:08:00PM
Prep Batch ID:	1159737	**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	1,200	1500	15000	42000	17,073.17		04/09/24	20:51	BP	483047
(S) 4-Bromofluorobenzene	ETO15	1,200	65	135	75 %			04/09/24	20:51	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-8	**Lab Sample ID:**	2404070-008A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 15:15	**Certified Clean WO # :**	
Canister/Tube ID:	6120	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/9/24 12:08:00PM
Prep Batch ID:	1159737	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	1.05	1.6	2.6	ND	ND		04/09/24	23:47	BP	483047
1,1-Difluoroethane	TO15	1.05	0.36	14	1.2	0.44	J	04/09/24	23:47	BP	483047
1,2-Dichlorotetrafluoroethane	TO15	1.05	1.5	3.7	ND	ND		04/09/24	23:47	BP	483047
Chloromethane	TO15	1.05	2.2	4.3	ND	ND		04/09/24	23:47	BP	483047
Vinyl Chloride	TO15	1.05	0.24	1.3	ND	ND		04/09/24	23:47	BP	483047
1,3-Butadiene	TO15	1.05	0.36	1.2	ND	ND		04/09/24	23:47	BP	483047
Bromomethane	TO15	1.05	0.69	2.0	ND	ND		04/09/24	23:47	BP	483047
Chloroethane	TO15	1.05	0.85	1.4	ND	ND		04/09/24	23:47	BP	483047
Trichlorofluoromethane	TO15	1.05	0.58	3.0	2.0	0.36	J	04/09/24	23:47	BP	483047
1,1-Dichloroethene	TO15	1.05	0.87	2.1	ND	ND		04/09/24	23:47	BP	483047
Freon 113	TO15	1.05	1.1	4.0	ND	ND		04/09/24	23:47	BP	483047
Carbon Disulfide	TO15	1.05	0.39	1.6	3.9	1.25		04/09/24	23:47	BP	483047
Methylene Chloride	TO15	1.05	0.74	11	ND	ND		04/09/24	23:47	BP	483047
Acetone	TO15	1.05	0.41	13	ND	ND		04/09/24	23:47	BP	483047
trans-1,2-Dichloroethene	TO15	1.05	0.50	2.1	ND	ND		04/09/24	23:47	BP	483047
Hexane	TO15	1.05	0.49	1.8	1.9	0.54		04/09/24	23:47	BP	483047
MTBE	TO15	1.05	0.47	1.9	ND	ND		04/09/24	23:47	BP	483047
tert-Butanol	TO15	1.05	0.65	1.6	ND	ND		04/09/24	23:47	BP	483047
Diisopropyl ether (DIPE)	TO15	1.05	0.77	2.2	ND	ND		04/09/24	23:47	BP	483047
1,1-Dichloroethane	TO15	1.05	0.57	2.1	ND	ND		04/09/24	23:47	BP	483047
ETBE	TO15	1.05	0.34	2.2	ND	ND		04/09/24	23:47	BP	483047
cis-1,2-Dichloroethene	TO15	1.05	0.87	2.1	ND	ND		04/09/24	23:47	BP	483047
Chloroform	TO15	1.05	1.0	2.6	1.4	0.29	J	04/09/24	23:47	BP	483047
Vinyl Acetate	TO15	1.05	0.79	1.8	ND	ND		04/09/24	23:47	BP	483047
Carbon Tetrachloride	TO15	1.05	1.2	3.3	ND	ND		04/09/24	23:47	BP	483047
1,1,1-Trichloroethane	TO15	1.05	0.83	2.9	ND	ND		04/09/24	23:47	BP	483047
2-Butanone (MEK)	TO15	1.05	0.41	1.5	7.3	2.47		04/09/24	23:47	BP	483047
Ethyl Acetate	TO15	1.05	0.50	1.9	ND	ND		04/09/24	23:47	BP	483047
Tetrahydrofuran	TO15	1.05	0.47	1.5	ND	ND		04/09/24	23:47	BP	483047
Benzene	TO15	1.05	0.46	1.7	ND	ND		04/09/24	23:47	BP	483047
TAME	TO15	1.05	0.71	2.2	ND	ND		04/09/24	23:47	BP	483047
1,2-Dichloroethane (EDC)	TO15	1.05	0.44	2.1	ND	ND		04/09/24	23:47	BP	483047
Trichloroethylene	TO15	1.05	0.85	2.8	ND	ND		04/09/24	23:47	BP	483047
1,2-Dichloropropane	TO15	1.05	0.80	2.4	ND	ND		04/09/24	23:47	BP	483047
Bromodichloromethane	TO15	1.05	0.78	3.5	ND	ND		04/09/24	23:47	BP	483047
1,4-Dioxane	TO15	1.05	1.9	3.8	ND	ND		04/09/24	23:47	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-8	**Lab Sample ID:**	2404070-008A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 15:15	**Certified Clean WO # :**	
Canister/Tube ID:	6120	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/9/24 12:08:00PM
Prep Batch ID:	1159737	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
trans-1,3-Dichloropropene	TO15	1.05	1.1	2.4	ND	ND		04/09/24	23:47	BP	483047
Toluene	TO15	1.05	0.79	2.0	ND	ND		04/09/24	23:47	BP	483047
4-Methyl-2-Pentanone (MIBK)	TO15	1.05	0.78	2.2	1.2	0.29	J	04/09/24	23:47	BP	483047
cis-1,3-Dichloropropene	TO15	1.05	0.44	2.4	ND	ND		04/09/24	23:47	BP	483047
Tetrachloroethylene	TO15	1.05	1.5	3.6	6.5	0.96		04/09/24	23:47	BP	483047
1,1,2-Trichloroethane	TO15	1.05	0.61	2.9	ND	ND		04/09/24	23:47	BP	483047
Dibromochloromethane	TO15	1.05	1.2	4.5	ND	ND		04/09/24	23:47	BP	483047
1,2-Dibromoethane (EDB)	TO15	1.05	0.77	4.0	ND	ND		04/09/24	23:47	BP	483047
2-Hexanone	TO15	1.05	0.68	2.2	ND	ND		04/09/24	23:47	BP	483047
Ethyl Benzene	TO15	1.05	0.66	2.3	ND	ND		04/09/24	23:47	BP	483047
Chlorobenzene	TO15	1.05	0.63	2.4	ND	ND		04/09/24	23:47	BP	483047
1,1,1,2-Tetrachloroethane	TO15	1.05	0.88	3.6	ND	ND		04/09/24	23:47	BP	483047
m,p-Xylene	TO15	1.05	1.0	2.3	ND	ND		04/09/24	23:47	BP	483047
o-Xylene	TO15	1.05	0.32	2.3	ND	ND		04/09/24	23:47	BP	483047
Styrene	TO15	1.05	0.49	2.2	ND	ND		04/09/24	23:47	BP	483047
Bromoform	TO15	1.05	1.4	5.4	ND	ND		04/09/24	23:47	BP	483047
1,1,2,2-Tetrachloroethane	TO15	1.05	0.86	3.6	ND	ND		04/09/24	23:47	BP	483047
4-Ethyl Toluene	TO15	1.05	0.57	2.6	ND	ND		04/09/24	23:47	BP	483047
1,3,5-Trimethylbenzene	TO15	1.05	0.32	2.6	ND	ND		04/09/24	23:47	BP	483047
1,2,4-Trimethylbenzene	TO15	1.05	0.63	2.6	ND	ND		04/09/24	23:47	BP	483047
1,4-Dichlorobenzene	TO15	1.05	0.78	3.2	ND	ND		04/09/24	23:47	BP	483047
1,3-Dichlorobenzene	TO15	1.05	1.4	3.2	ND	ND		04/09/24	23:47	BP	483047
1,2-Dichlorobenzene	TO15	1.05	1.1	3.2	ND	ND		04/09/24	23:47	BP	483047
Hexachlorobutadiene	TO15	1.05	1.9	5.6	ND	ND		04/09/24	23:47	BP	483047
1,2,4-Trichlorobenzene	TO15	1.05	2.3	3.9	ND	ND		04/09/24	23:47	BP	483047
Naphthalene	TO15	1.05	1.3	2.8	ND	ND		04/09/24	23:47	BP	483047
(S) 4-Bromofluorobenzene	TO15	1.05	50	150	91 %			04/09/24	23:47	BP	483047

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/9/24 12:08:00PM
Prep Batch ID:	1159737	**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)	TO15	30.00	38	370	550	223.58		04/09/24	20:26	BP	483047
(S) 4-Bromofluorobenzene	TO15	30.00	50	150	74 %			04/09/24	20:26	BP	483047

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 04/05/24, 4:16 pm
Date Reported: 04/12/24

Client Sample ID:	SV-8	**Lab Sample ID:**	2404070-008A
Project Name/Location:	451-475 El Camino Real,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-1		
Date/Time Sampled:	04/05/24 / 15:15	**Certified Clean WO # :**	
Canister/Tube ID:	6120	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	4/9/24	12:08:00PM
Prep Batch ID:	1159739	**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 as Gasoline	TO15	1.05	42	180	844	239.77	x	04/09/24	23:47	BP	483047

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes amount due to discrete peaks and non-target heavy hydrocarbons within range of C5-C12 quantified as gasoline

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404070	**Prep Method:**	TO15-P	**Prep Date:**	04/09/24	**Prep Batch:**	1159737
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	4/9/2024	**Analytical Batch:**	483047
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:	2404070	**Prep Method:**	TO15-P	**Prep Date:**	04/09/24	**Prep Batch:**	1159737
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	4/9/2024	**Analytical Batch:**	483047
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			83	

Work Order:	2404070	**Prep Method:**	TO15-GRO	**Prep Date:**	04/09/24	**Prep Batch:**	1159739
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	4/9/2024	**Analytical Batch:**	483047
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	11	50	33	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2404070	**Prep Method:**	TO15-P	**Prep Date:**	04/09/24	**Prep Batch:**	1159737
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	4/9/2024	**Analytical Batch:**	483047
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	114	116	1.63	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	92.2	94.3	2.14	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	89.9	91.8	2.06	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	91.5	92.8	1.49	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	102	101	1.11	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	94.3	96.7		50 - 150		

Work Order:	2404070	**Prep Method:**	TO15-GRO	**Prep Date:**	04/09/24	**Prep Batch:**	1159739
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	4/10/2024	**Analytical Batch:**	483047
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	11	50	33	420	89.9	87.9	2.41	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: 451-475 El Camino Real,Santa Clara

Work Order No.: 2404070

Date and Time Received: 4/5/2024 4:16:00PM

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:

Login Summary Report

Client ID:	TL5119	Cornerstone Earth Group	**QC Level:**	II
Project Name:	451-475 El Camino Real,Santa Clara		**TAT Requested:**	5+ day:5
Project # :	285-2-1		**Date Received:**	4/5/2024
Report Due Date:	4/12/2024		**Time Received:**	4:16 pm

Comments:

Work Order # : ***2404070***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2404070-001A	SV-2	04/05/24 10:36	Air				VOC_A_TO15 VOC_A_TO15GRO	
Sample Note:	Pls report to MDL							
2404070-002A	SV-5	04/05/24 11:58	Air				VOC_A_TO15 VOC_A_TO15GRO	
2404070-003A	SV-1	04/05/24 12:14	Air				VOC_A_TO15 VOC_A_TO15GRO	
2404070-004A	SV-1R	04/05/24 12:21	Air				VOC_A_TO15 VOC_A_TO15GRO	
2404070-005A	SV-6	04/05/24 13:48	Air				VOC_A_TO15GRO VOC_A_TO15	
2404070-006A	SV-7	04/05/24 14:31	Air				VOC_A_TO15GRO VOC_A_TO15	
2404070-007A	SV-7(IPA)	04/05/24 14:31	Air				VOC_A_PCE+T	
Sample Note:	IPA only (shroud)							
2404070-008A	SV-8	04/05/24 15:15	Air				VOC_A_TO15GRO VOC_A_TO15	

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

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

LAB WORK ORDER NO: 2404070

Company Name: Cornerstone Earth Group	☐ ☒ Env. ☐ Special	Project #: 285-2-1	PO #:
Address: 3697 mt. Diablo Blvd Suite 310		Project Name: 451-475 El Camino Real, Santa Clara	
City: Lafayette	State: CA	Zip Code: 94549	Comments:
Telephone: 925-988-9500	Cell:		SAMPLER: Ross Tinline Quote #:
REPORT TO: Peter Langtry	BILL TO: Same		EMAIL: Plangtry@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 proposal only.			REMARKS
-001A	SV-2	4-5-24 1028-1036	SV	1	6L (1L)	R3572	30	4	DE07	X						
-002A	SV-5	4-5-24 1105-1158	↓	1	6L (1L)	8443	30	6	DE02	X						
-003A	SV-1	4-5-24 1209-1214		1	6L (1L)	N3994	30	4	DE80	X						
-004A	SV-1R	4-5-24 1216-1221		1	6L (1L)	R3574	30	4	DE80	X						
-005A	SV-6	4-5-24 1341-1348		1	6L 1L	8300	30	4	DE15	X						
-006A	SV-7	4-5-24 1425-1431		1	6L (1L)	R3594	30	4	DE86	X						
-007A	SV-7(IPA)	4-5-24 1426-1431	Shroud Atm	1	6L (1L)	A12213	29	7	DE-1				X			
-008A	SV-8	4-5-24 1509-1515	SV	1	6L (1L)	6120	29	5	DE98	X						
					6L 1L											
					6L 1L											

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	[signature]	Ross Tinline	4/5/24	4:16	[signature]	L-D-Imbat	4-5-24	16:16
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/b Sample seals intact? ☐ Yes ☐ NO ☐ N/A

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

Log In By: Rod Date: Labeled By: @ ambient temp Date: Temp °C

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

RE: 451-475 El Camino Real ,Santa Clara

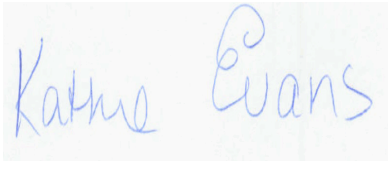
Work Order No.: 2405135

Dear Peter Langtry:

Torrent Laboratory, Inc. received 6 sample(s) on May 16, 2024 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

May 20, 2024
Date

Date: 5/20/2024

Client: Cornerstone Earth Group

Project: 451-475 El Camino Real ,Santa Clara

Work Order: 2405135

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: Peter Langtry
Cornerstone Earth Group

Date Received: 05/16/24
Date Reported: 05/20/24

SV-10 2405135-001

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	3.6	2.0	10	360
Carbon Disulfide	TO15	3.6	1.3	5.6	260
2-Propanol (Isopropyl Alcohol)	TO15	3.6	4.6	44	64
Acetone	TO15	3.6	1.4	43	160
Hexane	TO15	3.6	1.7	6.3	190
Chloroform	TO15	3.6	3.5	8.8	5.7
Benzene	TO15	3.6	1.6	5.7	40
Toluene	TO15	3.6	2.7	6.8	47
Tetrachloroethylene	TO15	3.6	5.2	12	13
1,2-Dibromoethane (EDB)	TO15	3.6	2.7	14	2.7
Ethyl Benzene	TO15	3.6	2.3	7.8	6.2
m,p-Xylene	TO15	3.6	3.5	7.8	22
o-Xylene	TO15	3.6	1.1	7.8	12
4-Ethyl Toluene	TO15	3.6	2.0	8.9	8.8
1,3,5-Trimethylbenzene	TO15	3.6	1.1	8.9	4.5
1,2,4-Trimethylbenzene	TO15	3.6	2.1	8.9	9.0
TPH as Gasoline	TO15	3.6	150	630	10900

SV-9 2405135-002

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	2	1.1	5.6	29
Carbon Disulfide	TO15	2	0.75	3.1	23
Acetone	TO15	2	0.79	24	98
Hexane	TO15	2	0.93	3.5	21
Chloroform	TO15	2	1.9	4.9	5.8
2-Butanone (MEK)	TO15	2	0.78	3.0	21
Tetrahydrofuran	TO15	2	0.90	3.0	89
Benzene	TO15	2	0.87	3.2	19
Toluene	TO15	2	1.5	3.8	23
4-Methyl-2-Pentanone (MIBK)	TO15	2	1.5	4.1	6.0
Tetrachloroethylene	TO15	2	2.9	6.8	19
Ethyl Benzene	TO15	2	1.3	4.3	6.0
m,p-Xylene	TO15	2	2.0	4.3	25
o-Xylene	TO15	2	0.61	4.3	13
4-Ethyl Toluene	TO15	2	1.1	4.9	3.6
1,3,5-Trimethylbenzene	TO15	2	0.60	4.9	2.4
1,2,4-Trimethylbenzene	TO15	2	1.2	4.9	4.3
TPH as Gasoline	TO15	2	81	350	4440

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/16/24
Date Reported: 05/20/24

SV-15 2405135-003

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	3	1.7	8.4	580
Carbon Disulfide	TO15	3	1.1	4.7	53
2-Propanol (Isopropyl Alcohol)	TO15	3	3.8	37	27
Acetone	TO15	3	1.2	36	150
Hexane	TO15	3	1.4	5.3	1.4
tert-Butanol	TO15	3	1.9	4.5	8.6
Chloroform	TO15	3	2.9	7.3	6.7
2-Butanone (MEK)	TO15	3	1.2	4.4	29
Tetrahydrofuran	TO15	3	1.3	4.4	30
Benzene	TO15	3	1.3	4.8	10
Toluene	TO15	3	2.3	5.7	7.5
Tetrachloroethylene	TO15	3	4.4	10	7.3
o-Xylene	TO15	3	0.91	6.5	1.7
TPH as Gasoline	TO15	3	120	530	1990

SV-15R 2405135-004

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	3.5	1.9	9.8	960
Carbon Disulfide	TO15	3.5	1.3	5.4	75
Acetone	TO15	3.5	1.4	42	220
Chloroform	TO15	3.5	3.4	8.5	11
2-Butanone (MEK)	TO15	3.5	1.4	5.2	37
Tetrahydrofuran	TO15	3.5	1.6	5.2	42
Benzene	TO15	3.5	1.5	5.6	16
Toluene	TO15	3.5	2.6	6.6	12
Tetrachloroethylene	TO15	3.5	5.1	12	11
m,p-Xylene	TO15	3.5	3.4	7.6	3.8
o-Xylene	TO15	3.5	1.1	7.6	2.7
TPH as Gasoline	TO15	3.5	140	620	1430

SV-15R(IPA) 2405135-005

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
2-Propanol (Isopropyl Alcohol)	ETO15	1200	1500	15000	100000

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/16/24
Date Reported: 05/20/24

SV-16 2405135-006

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	2.9	1.6	8.1	52
Carbon Disulfide	TO15	2.9	1.1	4.5	33
2-Propanol (Isopropyl Alcohol)	TO15	2.9	3.7	36	56
Acetone	TO15	2.9	1.1	35	41
Hexane	TO15	2.9	1.3	5.1	1.4
tert-Butanol	TO15	2.9	1.8	4.4	3.6
Chloroform	TO15	2.9	2.8	7.1	5.8
1,1,1-Trichloroethane	TO15	2.9	2.3	7.9	12
2-Butanone (MEK)	TO15	2.9	1.1	4.3	12
Tetrahydrofuran	TO15	2.9	1.3	4.3	66
Benzene	TO15	2.9	1.3	4.6	13
Toluene	TO15	2.9	2.2	5.5	15
Tetrachloroethylene	TO15	2.9	4.2	9.8	6.6
Ethyl Benzene	TO15	2.9	1.8	6.3	2.2
m,p-Xylene	TO15	2.9	2.8	6.3	6.9
o-Xylene	TO15	2.9	0.88	6.3	3.2
TPH as Gasoline	TO15	2.9	120	510	1170

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-10	**Lab Sample ID:**	2405135-001A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:05	**Certified Clean WO # :**	
Canister/Tube ID:	N1439	**Received PSI :**	6.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24 4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	3.60	5.6	8.9	ND	ND		05/17/24	21:08	BP	484118
1,1-Difluoroethane	TO15	3.60	1.2	49	ND	ND		05/17/24	21:08	BP	484118
1,2-Dichlorotetrafluoroethane	TO15	3.60	5.0	13	ND	ND		05/17/24	21:08	BP	484118
Chloromethane	TO15	3.60	7.4	15	ND	ND		05/17/24	21:08	BP	484118
Vinyl Chloride	TO15	3.60	0.81	4.6	ND	ND		05/17/24	21:08	BP	484118
1,3-Butadiene	TO15	3.60	1.2	4.0	ND	ND		05/17/24	21:08	BP	484118
Bromomethane	TO15	3.60	2.4	7.0	ND	ND		05/17/24	21:08	BP	484118
Chloroethane	TO15	3.60	2.9	4.8	ND	ND		05/17/24	21:08	BP	484118
Trichlorofluoromethane	TO15	3.60	2.0	10	360	64.06		05/17/24	21:08	BP	484118
1,1-Dichloroethene	TO15	3.60	3.0	7.1	ND	ND		05/17/24	21:08	BP	484118
Freon 113	TO15	3.60	3.7	14	ND	ND		05/17/24	21:08	BP	484118
Carbon Disulfide	TO15	3.60	1.3	5.6	260	83.60		05/17/24	21:08	BP	484118
2-Propanol (Isopropyl Alcohol)	TO15	3.60	4.6	44	64	26.02		05/17/24	21:08	BP	484118
Methylene Chloride	TO15	3.60	2.5	37	ND	ND		05/17/24	21:08	BP	484118
Acetone	TO15	3.60	1.4	43	160	67.23		05/17/24	21:08	BP	484118
trans-1,2-Dichloroethene	TO15	3.60	1.7	7.1	ND	ND		05/17/24	21:08	BP	484118
Hexane	TO15	3.60	1.7	6.3	190	53.98		05/17/24	21:08	BP	484118
MTBE	TO15	3.60	1.6	6.5	ND	ND		05/17/24	21:08	BP	484118
tert-Butanol	TO15	3.60	2.2	5.5	ND	ND		05/17/24	21:08	BP	484118
Diisopropyl ether (DIPE)	TO15	3.60	2.6	7.5	ND	ND		05/17/24	21:08	BP	484118
1,1-Dichloroethane	TO15	3.60	2.0	7.3	ND	ND		05/17/24	21:08	BP	484118
ETBE	TO15	3.60	1.2	7.5	ND	ND		05/17/24	21:08	BP	484118
cis-1,2-Dichloroethene	TO15	3.60	3.0	7.1	ND	ND		05/17/24	21:08	BP	484118
Chloroform	TO15	3.60	3.5	8.8	5.7	1.17	J	05/17/24	21:08	BP	484118
Vinyl Acetate	TO15	3.60	2.7	6.3	ND	ND		05/17/24	21:08	BP	484118
Carbon Tetrachloride	TO15	3.60	4.0	11	ND	ND		05/17/24	21:08	BP	484118
1,1,1-Trichloroethane	TO15	3.60	2.9	9.8	ND	ND		05/17/24	21:08	BP	484118
2-Butanone (MEK)	TO15	3.60	1.4	5.3	ND	ND		05/17/24	21:08	BP	484118
Ethyl Acetate	TO15	3.60	1.7	6.5	ND	ND		05/17/24	21:08	BP	484118
Tetrahydrofuran	TO15	3.60	1.6	5.3	ND	ND		05/17/24	21:08	BP	484118
Benzene	TO15	3.60	1.6	5.7	40	12.54		05/17/24	21:08	BP	484118
TAME	TO15	3.60	2.4	7.5	ND	ND		05/17/24	21:08	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-10	**Lab Sample ID:**	2405135-001A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:05	**Certified Clean WO # :**	
Canister/Tube ID:	N1439	**Received PSI :**	6.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,2-Dichloroethane (EDC)	TO15	3.60	1.5	7.3	ND	ND		05/17/24	21:08	BP	484118
Trichloroethylene	TO15	3.60	2.9	9.7	ND	ND		05/17/24	21:08	BP	484118
1,2-Dichloropropane	TO15	3.60	2.7	8.3	ND	ND		05/17/24	21:08	BP	484118
Bromodichloromethane	TO15	3.60	2.7	12	ND	ND		05/17/24	21:08	BP	484118
1,4-Dioxane	TO15	3.60	6.5	13	ND	ND		05/17/24	21:08	BP	484118
trans-1,3-Dichloropropene	TO15	3.60	3.8	8.2	ND	ND		05/17/24	21:08	BP	484118
Toluene	TO15	3.60	2.7	6.8	47	12.47		05/17/24	21:08	BP	484118
4-Methyl-2-Pentanone (MIBK)	TO15	3.60	2.7	7.4	ND	ND		05/17/24	21:08	BP	484118
cis-1,3-Dichloropropene	TO15	3.60	1.5	8.2	ND	ND		05/17/24	21:08	BP	484118
Tetrachloroethylene	TO15	3.60	5.2	12	13	1.92		05/17/24	21:08	BP	484118
1,1,2-Trichloroethane	TO15	3.60	2.1	9.8	ND	ND		05/17/24	21:08	BP	484118
Dibromochloromethane	TO15	3.60	4.0	15	ND	ND		05/17/24	21:08	BP	484118
1,2-Dibromoethane (EDB)	TO15	3.60	2.7	14	2.7	0.35		05/17/24	21:08	BP	484118
2-Hexanone	TO15	3.60	2.3	7.4	ND	ND		05/17/24	21:08	BP	484118
Ethyl Benzene	TO15	3.60	2.3	7.8	6.2	1.43	J	05/17/24	21:08	BP	484118
Chlorobenzene	TO15	3.60	2.2	8.3	ND	ND		05/17/24	21:08	BP	484118
1,1,1,2-Tetrachloroethane	TO15	3.60	3.0	12	ND	ND		05/17/24	21:08	BP	484118
m,p-Xylene	TO15	3.60	3.5	7.8	22	5.07		05/17/24	21:08	BP	484118
o-Xylene	TO15	3.60	1.1	7.8	12	2.76		05/17/24	21:08	BP	484118
Styrene	TO15	3.60	1.7	7.7	ND	ND		05/17/24	21:08	BP	484118
Bromoform	TO15	3.60	4.7	19	ND	ND		05/17/24	21:08	BP	484118
1,1,2,2-Tetrachloroethane	TO15	3.60	2.9	12	ND	ND		05/17/24	21:08	BP	484118
4-Ethyl Toluene	TO15	3.60	2.0	8.9	8.8	1.79	J	05/17/24	21:08	BP	484118
1,3,5-Trimethylbenzene	TO15	3.60	1.1	8.9	4.5	0.91	J	05/17/24	21:08	BP	484118
1,2,4-Trimethylbenzene	TO15	3.60	2.1	8.9	9.0	1.83		05/17/24	21:08	BP	484118
1,4-Dichlorobenzene	TO15	3.60	2.7	11	ND	ND		05/17/24	21:08	BP	484118
1,3-Dichlorobenzene	TO15	3.60	4.8	11	ND	ND		05/17/24	21:08	BP	484118
1,2-Dichlorobenzene	TO15	3.60	3.9	11	ND	ND		05/17/24	21:08	BP	484118
Hexachlorobutadiene	TO15	3.60	6.7	19	ND	ND		05/17/24	21:08	BP	484118
1,2,4-Trichlorobenzene	TO15	3.60	7.7	13	ND	ND		05/17/24	21:08	BP	484118
Naphthalene	TO15	3.60	4.6	9.4	ND	ND		05/17/24	21:08	BP	484118
(S) 4-Bromofluorobenzene	TO15	3.60	50	150	97 %			05/17/24	21:08	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-10	**Lab Sample ID:**	2405135-001A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:05	**Certified Clean WO # :**	
Canister/Tube ID:	N1439	**Received PSI :**	6.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160864	**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 as Gasoline	TO15	3.60	150	630	10900	3,096.59	x	05/17/24	21:08	BP	484118

NOTE: Reporting limit increased due to low initial pressure in canister.
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: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-9	**Lab Sample ID:**	2405135-002A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:20	**Certified Clean WO # :**	
Canister/Tube ID:	N3982	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	2.00	3.1	5.0	ND	ND		05/17/24	21:34	BP	484118
1,1-Difluoroethane	TO15	2.00	0.69	27	ND	ND		05/17/24	21:34	BP	484118
1,2-Dichlorotetrafluoroethane	TO15	2.00	2.8	7.0	ND	ND		05/17/24	21:34	BP	484118
Chloromethane	TO15	2.00	4.1	8.3	ND	ND		05/17/24	21:34	BP	484118
Vinyl Chloride	TO15	2.00	0.45	2.6	ND	ND		05/17/24	21:34	BP	484118
1,3-Butadiene	TO15	2.00	0.68	2.2	ND	ND		05/17/24	21:34	BP	484118
Bromomethane	TO15	2.00	1.3	3.9	ND	ND		05/17/24	21:34	BP	484118
Chloroethane	TO15	2.00	1.6	2.6	ND	ND		05/17/24	21:34	BP	484118
Trichlorofluoromethane	TO15	2.00	1.1	5.6	29	5.16		05/17/24	21:34	BP	484118
1,1-Dichloroethene	TO15	2.00	1.7	4.0	ND	ND		05/17/24	21:34	BP	484118
Freon 113	TO15	2.00	2.0	7.7	ND	ND		05/17/24	21:34	BP	484118
Carbon Disulfide	TO15	2.00	0.75	3.1	23	7.40		05/17/24	21:34	BP	484118
2-Propanol (Isopropyl Alcohol)	TO15	2.00	2.6	25	ND	ND		05/17/24	21:34	BP	484118
Methylene Chloride	TO15	2.00	1.4	21	ND	ND		05/17/24	21:34	BP	484118
Acetone	TO15	2.00	0.79	24	98	41.18		05/17/24	21:34	BP	484118
trans-1,2-Dichloroethene	TO15	2.00	0.95	4.0	ND	ND		05/17/24	21:34	BP	484118
Hexane	TO15	2.00	0.93	3.5	21	5.97		05/17/24	21:34	BP	484118
MTBE	TO15	2.00	0.89	3.6	ND	ND		05/17/24	21:34	BP	484118
tert-Butanol	TO15	2.00	1.2	3.0	ND	ND		05/17/24	21:34	BP	484118
Diisopropyl ether (DIPE)	TO15	2.00	1.5	4.2	ND	ND		05/17/24	21:34	BP	484118
1,1-Dichloroethane	TO15	2.00	1.1	4.1	ND	ND		05/17/24	21:34	BP	484118
ETBE	TO15	2.00	0.65	4.2	ND	ND		05/17/24	21:34	BP	484118
cis-1,2-Dichloroethene	TO15	2.00	1.7	4.0	ND	ND		05/17/24	21:34	BP	484118
Chloroform	TO15	2.00	1.9	4.9	5.8	1.19		05/17/24	21:34	BP	484118
Vinyl Acetate	TO15	2.00	1.5	3.5	ND	ND		05/17/24	21:34	BP	484118
Carbon Tetrachloride	TO15	2.00	2.2	6.3	ND	ND		05/17/24	21:34	BP	484118
1,1,1-Trichloroethane	TO15	2.00	1.6	5.5	ND	ND		05/17/24	21:34	BP	484118
2-Butanone (MEK)	TO15	2.00	0.78	3.0	21	7.12		05/17/24	21:34	BP	484118
Ethyl Acetate	TO15	2.00	0.95	3.6	ND	ND		05/17/24	21:34	BP	484118
Tetrahydrofuran	TO15	2.00	0.90	3.0	89	30.17		05/17/24	21:34	BP	484118
Benzene	TO15	2.00	0.87	3.2	19	5.96		05/17/24	21:34	BP	484118
TAME	TO15	2.00	1.3	4.2	ND	ND		05/17/24	21:34	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-9	**Lab Sample ID:**	2405135-002A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:20	**Certified Clean WO # :**	
Canister/Tube ID:	N3982	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,2-Dichloroethane (EDC)	TO15	2.00	0.84	4.1	ND	ND		05/17/24	21:34	BP	484118
Trichloroethylene	TO15	2.00	1.6	5.4	ND	ND		05/17/24	21:34	BP	484118
1,2-Dichloropropane	TO15	2.00	1.5	4.6	ND	ND		05/17/24	21:34	BP	484118
Bromodichloromethane	TO15	2.00	1.5	6.7	ND	ND		05/17/24	21:34	BP	484118
1,4-Dioxane	TO15	2.00	3.6	7.2	ND	ND		05/17/24	21:34	BP	484118
trans-1,3-Dichloropropene	TO15	2.00	2.1	4.5	ND	ND		05/17/24	21:34	BP	484118
Toluene	TO15	2.00	1.5	3.8	23	6.10		05/17/24	21:34	BP	484118
4-Methyl-2-Pentanone (MIBK)	TO15	2.00	1.5	4.1	6.0	1.46		05/17/24	21:34	BP	484118
cis-1,3-Dichloropropene	TO15	2.00	0.84	4.5	ND	ND		05/17/24	21:34	BP	484118
Tetrachloroethylene	TO15	2.00	2.9	6.8	19	2.80		05/17/24	21:34	BP	484118
1,1,2-Trichloroethane	TO15	2.00	1.2	5.5	ND	ND		05/17/24	21:34	BP	484118
Dibromochloromethane	TO15	2.00	2.2	8.5	ND	ND		05/17/24	21:34	BP	484118
1,2-Dibromoethane (EDB)	TO15	2.00	1.5	7.7	ND	ND		05/17/24	21:34	BP	484118
2-Hexanone	TO15	2.00	1.3	4.1	ND	ND		05/17/24	21:34	BP	484118
Ethyl Benzene	TO15	2.00	1.3	4.3	6.0	1.38		05/17/24	21:34	BP	484118
Chlorobenzene	TO15	2.00	1.2	4.6	ND	ND		05/17/24	21:34	BP	484118
1,1,1,2-Tetrachloroethane	TO15	2.00	1.7	6.9	ND	ND		05/17/24	21:34	BP	484118
m,p-Xylene	TO15	2.00	2.0	4.3	25	5.76		05/17/24	21:34	BP	484118
o-Xylene	TO15	2.00	0.61	4.3	13	3.00		05/17/24	21:34	BP	484118
Styrene	TO15	2.00	0.93	4.3	ND	ND		05/17/24	21:34	BP	484118
Bromoform	TO15	2.00	2.6	10	ND	ND		05/17/24	21:34	BP	484118
1,1,2,2-Tetrachloroethane	TO15	2.00	1.6	6.9	ND	ND		05/17/24	21:34	BP	484118
4-Ethyl Toluene	TO15	2.00	1.1	4.9	3.6	0.73	J	05/17/24	21:34	BP	484118
1,3,5-Trimethylbenzene	TO15	2.00	0.60	4.9	2.4	0.49	J	05/17/24	21:34	BP	484118
1,2,4-Trimethylbenzene	TO15	2.00	1.2	4.9	4.3	0.87	J	05/17/24	21:34	BP	484118
1,4-Dichlorobenzene	TO15	2.00	1.5	6.0	ND	ND		05/17/24	21:34	BP	484118
1,3-Dichlorobenzene	TO15	2.00	2.7	6.0	ND	ND		05/17/24	21:34	BP	484118
1,2-Dichlorobenzene	TO15	2.00	2.1	6.0	ND	ND		05/17/24	21:34	BP	484118
Hexachlorobutadiene	TO15	2.00	3.7	11	ND	ND		05/17/24	21:34	BP	484118
1,2,4-Trichlorobenzene	TO15	2.00	4.3	7.4	ND	ND		05/17/24	21:34	BP	484118
Naphthalene	TO15	2.00	2.5	5.2	ND	ND		05/17/24	21:34	BP	484118
(S) 4-Bromofluorobenzene	TO15	2.00	50	150	100 %			05/17/24	21:34	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-9	**Lab Sample ID:**	2405135-002A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:20	**Certified Clean WO # :**	
Canister/Tube ID:	N3982	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160864	**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 as Gasoline	TO15	2.00	81	350	4440	1,261.36		05/17/24	21:34	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15	**Lab Sample ID:**	2405135-003A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 /	**Certified Clean WO # :**	
Canister/Tube ID:	6321	**Received PSI :**	10.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	3.00	4.7	7.4	ND	ND		05/17/24	21:59	BP	484118
1,1-Difluoroethane	TO15	3.00	1.0	41	ND	ND		05/17/24	21:59	BP	484118
1,2-Dichlorotetrafluoroethane	TO15	3.00	4.2	10	ND	ND		05/17/24	21:59	BP	484118
Chloromethane	TO15	3.00	6.1	12	ND	ND		05/17/24	21:59	BP	484118
Vinyl Chloride	TO15	3.00	0.68	3.8	ND	ND		05/17/24	21:59	BP	484118
1,3-Butadiene	TO15	3.00	1.0	3.3	ND	ND		05/17/24	21:59	BP	484118
Bromomethane	TO15	3.00	2.0	5.8	ND	ND		05/17/24	21:59	BP	484118
Chloroethane	TO15	3.00	2.4	4.0	ND	ND		05/17/24	21:59	BP	484118
Trichlorofluoromethane	TO15	3.00	1.7	8.4	580	103.20		05/17/24	21:59	BP	484118
1,1-Dichloroethene	TO15	3.00	2.5	6.0	ND	ND		05/17/24	21:59	BP	484118
Freon 113	TO15	3.00	3.1	11	ND	ND		05/17/24	21:59	BP	484118
Carbon Disulfide	TO15	3.00	1.1	4.7	53	17.04		05/17/24	21:59	BP	484118
2-Propanol (Isopropyl Alcohol)	TO15	3.00	3.8	37	27	10.98	J	05/17/24	21:59	BP	484118
Methylene Chloride	TO15	3.00	2.1	31	ND	ND		05/17/24	21:59	BP	484118
Acetone	TO15	3.00	1.2	36	150	63.03		05/17/24	21:59	BP	484118
trans-1,2-Dichloroethene	TO15	3.00	1.4	5.9	ND	ND		05/17/24	21:59	BP	484118
Hexane	TO15	3.00	1.4	5.3	1.4	0.40		05/17/24	21:59	BP	484118
MTBE	TO15	3.00	1.3	5.4	ND	ND		05/17/24	21:59	BP	484118
tert-Butanol	TO15	3.00	1.9	4.5	8.6	2.84		05/17/24	21:59	BP	484118
Diisopropyl ether (DIPE)	TO15	3.00	2.2	6.3	ND	ND		05/17/24	21:59	BP	484118
1,1-Dichloroethane	TO15	3.00	1.6	6.1	ND	ND		05/17/24	21:59	BP	484118
ETBE	TO15	3.00	0.98	6.3	ND	ND		05/17/24	21:59	BP	484118
cis-1,2-Dichloroethene	TO15	3.00	2.5	5.9	ND	ND		05/17/24	21:59	BP	484118
Chloroform	TO15	3.00	2.9	7.3	6.7	1.37	J	05/17/24	21:59	BP	484118
Vinyl Acetate	TO15	3.00	2.3	5.3	ND	ND		05/17/24	21:59	BP	484118
Carbon Tetrachloride	TO15	3.00	3.3	9.4	ND	ND		05/17/24	21:59	BP	484118
1,1,1-Trichloroethane	TO15	3.00	2.4	8.2	ND	ND		05/17/24	21:59	BP	484118
2-Butanone (MEK)	TO15	3.00	1.2	4.4	29	9.83		05/17/24	21:59	BP	484118
Ethyl Acetate	TO15	3.00	1.4	5.4	ND	ND		05/17/24	21:59	BP	484118
Tetrahydrofuran	TO15	3.00	1.3	4.4	30	10.17		05/17/24	21:59	BP	484118
Benzene	TO15	3.00	1.3	4.8	10	3.13		05/17/24	21:59	BP	484118
TAME	TO15	3.00	2.0	6.3	ND	ND		05/17/24	21:59	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15	**Lab Sample ID:**	2405135-003A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 /	**Certified Clean WO # :**	
Canister/Tube ID:	6321	**Received PSI :**	10.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,2-Dichloroethane (EDC)	TO15	3.00	1.3	6.1	ND	ND		05/17/24	21:59	BP	484118
Trichloroethylene	TO15	3.00	2.4	8.1	ND	ND		05/17/24	21:59	BP	484118
1,2-Dichloropropane	TO15	3.00	2.3	6.9	ND	ND		05/17/24	21:59	BP	484118
Bromodichloromethane	TO15	3.00	2.2	10	ND	ND		05/17/24	21:59	BP	484118
1,4-Dioxane	TO15	3.00	5.4	11	ND	ND		05/17/24	21:59	BP	484118
trans-1,3-Dichloropropene	TO15	3.00	3.2	6.8	ND	ND		05/17/24	21:59	BP	484118
Toluene	TO15	3.00	2.3	5.7	7.5	1.99		05/17/24	21:59	BP	484118
4-Methyl-2-Pentanone (MIBK)	TO15	3.00	2.2	6.2	ND	ND		05/17/24	21:59	BP	484118
cis-1,3-Dichloropropene	TO15	3.00	1.3	6.8	ND	ND		05/17/24	21:59	BP	484118
Tetrachloroethylene	TO15	3.00	4.4	10	7.3	1.08	J	05/17/24	21:59	BP	484118
1,1,2-Trichloroethane	TO15	3.00	1.8	8.2	ND	ND		05/17/24	21:59	BP	484118
Dibromochloromethane	TO15	3.00	3.3	13	ND	ND		05/17/24	21:59	BP	484118
1,2-Dibromoethane (EDB)	TO15	3.00	2.2	12	ND	ND		05/17/24	21:59	BP	484118
2-Hexanone	TO15	3.00	2.0	6.2	ND	ND		05/17/24	21:59	BP	484118
Ethyl Benzene	TO15	3.00	1.9	6.5	ND	ND		05/17/24	21:59	BP	484118
Chlorobenzene	TO15	3.00	1.8	6.9	ND	ND		05/17/24	21:59	BP	484118
1,1,1,2-Tetrachloroethane	TO15	3.00	2.5	10	ND	ND		05/17/24	21:59	BP	484118
m,p-Xylene	TO15	3.00	2.9	6.5	ND	ND		05/17/24	21:59	BP	484118
o-Xylene	TO15	3.00	0.91	6.5	1.7	0.39	J	05/17/24	21:59	BP	484118
Styrene	TO15	3.00	1.4	6.4	ND	ND		05/17/24	21:59	BP	484118
Bromoform	TO15	3.00	3.9	16	ND	ND		05/17/24	21:59	BP	484118
1,1,2,2-Tetrachloroethane	TO15	3.00	2.5	10	ND	ND		05/17/24	21:59	BP	484118
4-Ethyl Toluene	TO15	3.00	1.6	7.4	ND	ND		05/17/24	21:59	BP	484118
1,3,5-Trimethylbenzene	TO15	3.00	0.90	7.4	ND	ND		05/17/24	21:59	BP	484118
1,2,4-Trimethylbenzene	TO15	3.00	1.8	7.4	ND	ND		05/17/24	21:59	BP	484118
1,4-Dichlorobenzene	TO15	3.00	2.2	9.0	ND	ND		05/17/24	21:59	BP	484118
1,3-Dichlorobenzene	TO15	3.00	4.0	9.0	ND	ND		05/17/24	21:59	BP	484118
1,2-Dichlorobenzene	TO15	3.00	3.2	9.0	ND	ND		05/17/24	21:59	BP	484118
Hexachlorobutadiene	TO15	3.00	5.6	16	ND	ND		05/17/24	21:59	BP	484118
1,2,4-Trichlorobenzene	TO15	3.00	6.5	11	ND	ND		05/17/24	21:59	BP	484118
Naphthalene	TO15	3.00	3.8	7.9	ND	ND		05/17/24	21:59	BP	484118
(S) 4-Bromofluorobenzene	TO15	3.00	50	150	90 %			05/17/24	21:59	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15	**Lab Sample ID:**	2405135-003A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 /	**Certified Clean WO # :**	
Canister/Tube ID:	6321	**Received PSI :**	10.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160864	**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 as Gasoline	TO15	3.00	120	530	1990	565.34		05/17/24	21:59	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15R	**Lab Sample ID:**	2405135-004A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 10:30	**Certified Clean WO # :**	
Canister/Tube ID:	A7463	**Received PSI :**	10.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24 4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL

The results shown below are reported using their MDL.

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15	3.50	5.5	8.7	ND	ND		05/17/24	22:28	BP	484118
1,1-Difluoroethane	TO15	3.50	1.2	47	ND	ND		05/17/24	22:28	BP	484118
1,2-Dichlorotetrafluoroethane	TO15	3.50	4.9	12	ND	ND		05/17/24	22:28	BP	484118
Chloromethane	TO15	3.50	7.2	14	ND	ND		05/17/24	22:28	BP	484118
Vinyl Chloride	TO15	3.50	0.79	4.5	ND	ND		05/17/24	22:28	BP	484118
1,3-Butadiene	TO15	3.50	1.2	3.9	ND	ND		05/17/24	22:28	BP	484118
Bromomethane	TO15	3.50	2.3	6.8	ND	ND		05/17/24	22:28	BP	484118
Chloroethane	TO15	3.50	2.8	4.6	ND	ND		05/17/24	22:28	BP	484118
Trichlorofluoromethane	TO15	3.50	1.9	9.8	960	170.82		05/17/24	22:28	BP	484118
1,1-Dichloroethene	TO15	3.50	2.9	6.9	ND	ND		05/17/24	22:28	BP	484118
Freon 113	TO15	3.50	3.6	13	ND	ND		05/17/24	22:28	BP	484118
Carbon Disulfide	TO15	3.50	1.3	5.4	75	24.12		05/17/24	22:28	BP	484118
2-Propanol (Isopropyl Alcohol)	TO15	3.50	4.5	43	ND	ND		05/17/24	22:28	BP	484118
Methylene Chloride	TO15	3.50	2.5	36	ND	ND		05/17/24	22:28	BP	484118
Acetone	TO15	3.50	1.4	42	220	92.44		05/17/24	22:28	BP	484118
trans-1,2-Dichloroethene	TO15	3.50	1.7	6.9	ND	ND		05/17/24	22:28	BP	484118
Hexane	TO15	3.50	1.6	6.2	ND	ND		05/17/24	22:28	BP	484118
MTBE	TO15	3.50	1.6	6.3	ND	ND		05/17/24	22:28	BP	484118
tert-Butanol	TO15	3.50	2.2	5.3	ND	ND		05/17/24	22:28	BP	484118
Diisopropyl ether (DIPE)	TO15	3.50	2.6	7.3	ND	ND		05/17/24	22:28	BP	484118
1,1-Dichloroethane	TO15	3.50	1.9	7.1	ND	ND		05/17/24	22:28	BP	484118
ETBE	TO15	3.50	1.1	7.3	ND	ND		05/17/24	22:28	BP	484118
cis-1,2-Dichloroethene	TO15	3.50	2.9	6.9	ND	ND		05/17/24	22:28	BP	484118
Chloroform	TO15	3.50	3.4	8.5	11	2.25		05/17/24	22:28	BP	484118
Vinyl Acetate	TO15	3.50	2.6	6.2	ND	ND		05/17/24	22:28	BP	484118
Carbon Tetrachloride	TO15	3.50	3.9	11	ND	ND		05/17/24	22:28	BP	484118
1,1,1-Trichloroethane	TO15	3.50	2.8	9.6	ND	ND		05/17/24	22:28	BP	484118
2-Butanone (MEK)	TO15	3.50	1.4	5.2	37	12.54		05/17/24	22:28	BP	484118
Ethyl Acetate	TO15	3.50	1.7	6.3	ND	ND		05/17/24	22:28	BP	484118
Tetrahydrofuran	TO15	3.50	1.6	5.2	42	14.24		05/17/24	22:28	BP	484118
Benzene	TO15	3.50	1.5	5.6	16	5.02		05/17/24	22:28	BP	484118
TAME	TO15	3.50	2.4	7.3	ND	ND		05/17/24	22:28	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15R	**Lab Sample ID:**	2405135-004A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 10:30	**Certified Clean WO # :**	
Canister/Tube ID:	A7463	**Received PSI :**	10.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,2-Dichloroethane (EDC)	TO15	3.50	1.5	7.1	ND	ND		05/17/24	22:28	BP	484118
Trichloroethylene	TO15	3.50	2.8	9.4	ND	ND		05/17/24	22:28	BP	484118
1,2-Dichloropropane	TO15	3.50	2.7	8.1	ND	ND		05/17/24	22:28	BP	484118
Bromodichloromethane	TO15	3.50	2.6	12	ND	ND		05/17/24	22:28	BP	484118
1,4-Dioxane	TO15	3.50	6.3	13	ND	ND		05/17/24	22:28	BP	484118
trans-1,3-Dichloropropene	TO15	3.50	3.7	7.9	ND	ND		05/17/24	22:28	BP	484118
Toluene	TO15	3.50	2.6	6.6	12	3.18		05/17/24	22:28	BP	484118
4-Methyl-2-Pentanone (MIBK)	TO15	3.50	2.6	7.2	ND	ND		05/17/24	22:28	BP	484118
cis-1,3-Dichloropropene	TO15	3.50	1.5	7.9	ND	ND		05/17/24	22:28	BP	484118
Tetrachloroethylene	TO15	3.50	5.1	12	11	1.62	J	05/17/24	22:28	BP	484118
1,1,2-Trichloroethane	TO15	3.50	2.0	9.6	ND	ND		05/17/24	22:28	BP	484118
Dibromochloromethane	TO15	3.50	3.9	15	ND	ND		05/17/24	22:28	BP	484118
1,2-Dibromoethane (EDB)	TO15	3.50	2.6	13	ND	ND		05/17/24	22:28	BP	484118
2-Hexanone	TO15	3.50	2.3	7.2	ND	ND		05/17/24	22:28	BP	484118
Ethyl Benzene	TO15	3.50	2.2	7.6	ND	ND		05/17/24	22:28	BP	484118
Chlorobenzene	TO15	3.50	2.1	8.1	ND	ND		05/17/24	22:28	BP	484118
1,1,1,2-Tetrachloroethane	TO15	3.50	2.9	12	ND	ND		05/17/24	22:28	BP	484118
m,p-Xylene	TO15	3.50	3.4	7.6	3.8	0.88	J	05/17/24	22:28	BP	484118
o-Xylene	TO15	3.50	1.1	7.6	2.7	0.62	J	05/17/24	22:28	BP	484118
Styrene	TO15	3.50	1.6	7.5	ND	ND		05/17/24	22:28	BP	484118
Bromoform	TO15	3.50	4.6	18	ND	ND		05/17/24	22:28	BP	484118
1,1,2,2-Tetrachloroethane	TO15	3.50	2.9	12	ND	ND		05/17/24	22:28	BP	484118
4-Ethyl Toluene	TO15	3.50	1.9	8.6	ND	ND		05/17/24	22:28	BP	484118
1,3,5-Trimethylbenzene	TO15	3.50	1.1	8.6	ND	ND		05/17/24	22:28	BP	484118
1,2,4-Trimethylbenzene	TO15	3.50	2.1	8.6	ND	ND		05/17/24	22:28	BP	484118
1,4-Dichlorobenzene	TO15	3.50	2.6	11	ND	ND		05/17/24	22:28	BP	484118
1,3-Dichlorobenzene	TO15	3.50	4.7	11	ND	ND		05/17/24	22:28	BP	484118
1,2-Dichlorobenzene	TO15	3.50	3.7	11	ND	ND		05/17/24	22:28	BP	484118
Hexachlorobutadiene	TO15	3.50	6.5	19	ND	ND		05/17/24	22:28	BP	484118
1,2,4-Trichlorobenzene	TO15	3.50	7.5	13	ND	ND		05/17/24	22:28	BP	484118
Naphthalene	TO15	3.50	4.5	9.2	ND	ND		05/17/24	22:28	BP	484118
(S) 4-Bromofluorobenzene	TO15	3.50	50	150	89 %			05/17/24	22:28	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15R	**Lab Sample ID:**	2405135-004A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 10:30	**Certified Clean WO # :**	
Canister/Tube ID:	A7463	**Received PSI :**	10.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160864	**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 as Gasoline	TO15	3.50	140	620	1430	406.25		05/17/24	22:28	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15R(IPA)	**Lab Sample ID:**	2405135-005A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 10:30	**Certified Clean WO # :**	
Canister/Tube ID:	6127	**Received PSI :**	11.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/16/24	3:43:00PM
Prep Batch ID:	1160867	**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	1,200	1500	15000	100000	40,650.41		05/17/24	15:40	BA	484132
(S) 4-Bromofluorobenzene	ETO15	1,200	65	135	89 %			05/17/24	15:40	BA	484132

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-16	**Lab Sample ID:**	2405135-006A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 11:05	**Certified Clean WO # :**	
Canister/Tube ID:	A7471	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	2.90	4.6	7.2	ND	ND		05/17/24	23:29	BP	484118
1,1-Difluoroethane	TO15	2.90	1.0	39	ND	ND		05/17/24	23:29	BP	484118
1,2-Dichlorotetrafluoroethane	TO15	2.90	4.1	10	ND	ND		05/17/24	23:29	BP	484118
Chloromethane	TO15	2.90	5.9	12	ND	ND		05/17/24	23:29	BP	484118
Vinyl Chloride	TO15	2.90	0.65	3.7	ND	ND		05/17/24	23:29	BP	484118
1,3-Butadiene	TO15	2.90	0.99	3.2	ND	ND		05/17/24	23:29	BP	484118
Bromomethane	TO15	2.90	1.9	5.6	ND	ND		05/17/24	23:29	BP	484118
Chloroethane	TO15	2.90	2.4	3.8	ND	ND		05/17/24	23:29	BP	484118
Trichlorofluoromethane	TO15	2.90	1.6	8.1	52	9.25		05/17/24	23:29	BP	484118
1,1-Dichloroethene	TO15	2.90	2.4	5.8	ND	ND		05/17/24	23:29	BP	484118
Freon 113	TO15	2.90	3.0	11	ND	ND		05/17/24	23:29	BP	484118
Carbon Disulfide	TO15	2.90	1.1	4.5	33	10.61		05/17/24	23:29	BP	484118
2-Propanol (Isopropyl Alcohol)	TO15	2.90	3.7	36	56	22.76		05/17/24	23:29	BP	484118
Methylene Chloride	TO15	2.90	2.0	30	ND	ND		05/17/24	23:29	BP	484118
Acetone	TO15	2.90	1.1	35	41	17.23		05/17/24	23:29	BP	484118
trans-1,2-Dichloroethene	TO15	2.90	1.4	5.7	ND	ND		05/17/24	23:29	BP	484118
Hexane	TO15	2.90	1.3	5.1	1.4	0.40	J	05/17/24	23:29	BP	484118
MTBE	TO15	2.90	1.3	5.2	ND	ND		05/17/24	23:29	BP	484118
tert-Butanol	TO15	2.90	1.8	4.4	3.6	1.19	J	05/17/24	23:29	BP	484118
Diisopropyl ether (DIPE)	TO15	2.90	2.1	6.1	ND	ND		05/17/24	23:29	BP	484118
1,1-Dichloroethane	TO15	2.90	1.6	5.9	ND	ND		05/17/24	23:29	BP	484118
ETBE	TO15	2.90	0.95	6.1	ND	ND		05/17/24	23:29	BP	484118
cis-1,2-Dichloroethene	TO15	2.90	2.4	5.7	ND	ND		05/17/24	23:29	BP	484118
Chloroform	TO15	2.90	2.8	7.1	5.8	1.19	J	05/17/24	23:29	BP	484118
Vinyl Acetate	TO15	2.90	2.2	5.1	ND	ND		05/17/24	23:29	BP	484118
Carbon Tetrachloride	TO15	2.90	3.2	9.1	ND	ND		05/17/24	23:29	BP	484118
1,1,1-Trichloroethane	TO15	2.90	2.3	7.9	12	2.20		05/17/24	23:29	BP	484118
2-Butanone (MEK)	TO15	2.90	1.1	4.3	12	4.07		05/17/24	23:29	BP	484118
Ethyl Acetate	TO15	2.90	1.4	5.2	ND	ND		05/17/24	23:29	BP	484118
Tetrahydrofuran	TO15	2.90	1.3	4.3	66	22.37		05/17/24	23:29	BP	484118
Benzene	TO15	2.90	1.3	4.6	13	4.08		05/17/24	23:29	BP	484118
TAME	TO15	2.90	2.0	6.1	ND	ND		05/17/24	23:29	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-16	**Lab Sample ID:**	2405135-006A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 11:05	**Certified Clean WO # :**	
Canister/Tube ID:	A7471	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,2-Dichloroethane (EDC)	TO15	2.90	1.2	5.9	ND	ND		05/17/24	23:29	BP	484118
Trichloroethylene	TO15	2.90	2.3	7.8	ND	ND		05/17/24	23:29	BP	484118
1,2-Dichloropropane	TO15	2.90	2.2	6.7	ND	ND		05/17/24	23:29	BP	484118
Bromodichloromethane	TO15	2.90	2.2	9.7	ND	ND		05/17/24	23:29	BP	484118
1,4-Dioxane	TO15	2.90	5.2	10	ND	ND		05/17/24	23:29	BP	484118
trans-1,3-Dichloropropene	TO15	2.90	3.1	6.6	ND	ND		05/17/24	23:29	BP	484118
Toluene	TO15	2.90	2.2	5.5	15	3.98		05/17/24	23:29	BP	484118
4-Methyl-2-Pentanone (MIBK)	TO15	2.90	2.2	5.9	ND	ND		05/17/24	23:29	BP	484118
cis-1,3-Dichloropropene	TO15	2.90	1.2	6.6	ND	ND		05/17/24	23:29	BP	484118
Tetrachloroethylene	TO15	2.90	4.2	9.8	6.6	0.97	J	05/17/24	23:29	BP	484118
1,1,2-Trichloroethane	TO15	2.90	1.7	7.9	ND	ND		05/17/24	23:29	BP	484118
Dibromochloromethane	TO15	2.90	3.2	12	ND	ND		05/17/24	23:29	BP	484118
1,2-Dibromoethane (EDB)	TO15	2.90	2.1	11	ND	ND		05/17/24	23:29	BP	484118
2-Hexanone	TO15	2.90	1.9	5.9	ND	ND		05/17/24	23:29	BP	484118
Ethyl Benzene	TO15	2.90	1.8	6.3	2.2	0.51	J	05/17/24	23:29	BP	484118
Chlorobenzene	TO15	2.90	1.7	6.7	ND	ND		05/17/24	23:29	BP	484118
1,1,1,2-Tetrachloroethane	TO15	2.90	2.4	10.	ND	ND		05/17/24	23:29	BP	484118
m,p-Xylene	TO15	2.90	2.8	6.3	6.9	1.59		05/17/24	23:29	BP	484118
o-Xylene	TO15	2.90	0.88	6.3	3.2	0.74	J	05/17/24	23:29	BP	484118
Styrene	TO15	2.90	1.3	6.2	ND	ND		05/17/24	23:29	BP	484118
Bromoform	TO15	2.90	3.8	15	ND	ND		05/17/24	23:29	BP	484118
1,1,2,2-Tetrachloroethane	TO15	2.90	2.4	10.	ND	ND		05/17/24	23:29	BP	484118
4-Ethyl Toluene	TO15	2.90	1.6	7.1	ND	ND		05/17/24	23:29	BP	484118
1,3,5-Trimethylbenzene	TO15	2.90	0.87	7.1	ND	ND		05/17/24	23:29	BP	484118
1,2,4-Trimethylbenzene	TO15	2.90	1.7	7.1	ND	ND		05/17/24	23:29	BP	484118
1,4-Dichlorobenzene	TO15	2.90	2.2	8.7	ND	ND		05/17/24	23:29	BP	484118
1,3-Dichlorobenzene	TO15	2.90	3.9	8.7	ND	ND		05/17/24	23:29	BP	484118
1,2-Dichlorobenzene	TO15	2.90	3.1	8.7	ND	ND		05/17/24	23:29	BP	484118
Hexachlorobutadiene	TO15	2.90	5.4	15	ND	ND		05/17/24	23:29	BP	484118
1,2,4-Trichlorobenzene	TO15	2.90	6.2	11	ND	ND		05/17/24	23:29	BP	484118
Naphthalene	TO15	2.90	3.7	7.6	ND	ND		05/17/24	23:29	BP	484118
(S) 4-Bromofluorobenzene	TO15	2.90	50	150	100 %			05/17/24	23:29	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-16	**Lab Sample ID:**	2405135-006A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 11:05	**Certified Clean WO # :**	
Canister/Tube ID:	A7471	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160864	**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 as Gasoline	TO15	2.90	120	510	1170	332.39		05/17/24	23:29	BP	484118

NOTE: Result is elevated due to contribution from heavy end hydrocarbons (possibly aged gasoline) and non-fuel light hydrocarbons to the C5-C12 range quantified as Gasoline.

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/17/24	**Prep Batch:**	1160863
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484118
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	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/17/24	**Prep Batch:**	1160863
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484118
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	
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			92	

Work Order:	2405135	**Prep Method:**	TO15-GRO	**Prep Date:**	05/17/24	**Prep Batch:**	1160864
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484118
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	11	50	13	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/16/24	**Prep Batch:**	1160867
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484132
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		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/16/24	**Prep Batch:**	1160867
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484132
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
1,1,2-Trichloroethane	0.11	0.50	ND		
Dibromochloromethane	0.13	0.50	ND		
1,2-Dibromoethane (EDB)	0.096	0.50	ND		
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			86		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/17/24	**Prep Batch:**	1160863
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484118
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	101	102	0.741	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	114	104	8.92	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	111	98.9	11.6	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	97.8	98.1	0.383	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	100.	101	0.747	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	97.2	99.0		50 - 150		

Work Order:	2405135	**Prep Method:**	TO15-GRO	**Prep Date:**	05/17/24	**Prep Batch:**	1160864
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/18/2024	**Analytical Batch:**	484118
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	11	50	13	420	74.6	73.3	1.61	65 - 135	30	

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/16/24	**Prep Batch:**	1160867
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484132
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	110	107	3.57	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	107	104	3.08	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	109	106	2.67	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	99.4	101	1.62	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	101	98.5	2.26	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	102	100		50 - 150		

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: 451-475 El Camino Real ,Santa Clara

Work Order No.: 2405135

Date and Time Received: 5/16/2024 12:16:00PM

Received By: cm

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:

Login Summary Report

Client ID:	TL5119 Cornerstone Earth Group	**QC Level:**	II
Project Name:	451-475 El Camino Real ,Santa Clara	**TAT Requested:**	2 Day Rush:2
Project # :	285-2-01	**Date Received:**	5/16/2024
Report Due Date:	5/20/2024	**Time Received:**	12:16 pm

Comments:

Work Order # : ***2405135***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2405135-001A	SV-10	05/14/24 9:05	Air				VOC_A_TO15 EDD VOC_A_TO15GRO	
Sample Note:	PIs report to MDL							
2405135-002A	SV-9	05/14/24 9:20	Air				VOC_A_TO15 VOC_A_TO15GRO	
2405135-003A	SV-15	05/16/24	Air				VOC_A_TO15 VOC_A_TO15GRO	
2405135-004A	SV-15R	05/16/24 10:30	Air				VOC_A_TO15 VOC_A_TO15GRO	
2405135-005A	SV-15R(IPA)	05/16/24 10:30	Air				VOC_A_PCE+T VOC_A_TO15	
Sample Note:	IPA only (shroud)							
2405135-006A	SV-16	05/16/24 11:05	Air				VOC_A_TO15 VOC_A_TO15GRO	

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

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

LAB WORK ORDER NO: 2405135

Company Name: Cornerstone Earth Group	☐ ☒ Env. ☐ Special	Project #: 285-2-1	PO #:
Address: 3697 Mt. Diablo Blvd		Project Name: 451-475 El Camino Real, Santa Clara	
City: Lafayette	State: CA	Zip Code: 94549	Comments: cc kknoll@cornerstoneearth.com
Telephone: 925 988 9500	Cell:		SAMPLER: Ross Tinline Quote #:
REPORT TO: Peter Longtry	BILL TO: Same		EMAIL: plongtry@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. ("Hg)	Final Vac. ("Hg)	Flow Controller #	TO 15 for VOCs + TPHg	TO 15 SIM	TO 17	TO15 for 2 propanol		REMARKS
001A	SV-10	5/14/24 0840-0905	SV	1	1L Summa	N1439	30	17	DE97	X					
002A	SV-9	5/14/24 0915-0920				N3982	30	5	DE105	X					
003A	SV-15	5/16/24				6321	29	4	DE56	X					
004A	SV-15R	5/16/24 1024-1030				A7463	29	4	DE56	X					
005A	SV-15R(IPA)	5/16/24 1024-1030	Shroud Atm			6127	30	6	DE145	X R1			X	2propanol only	
006A	SV-16	5/16/24 1059-1105	SV			A7471	30	5	DE92	X					

RUSH

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		Ross Tinline	5/16/24	1215		Claudia Moreno	5/16/24	12:16
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 By: Rec'd Camelia Date: Labeled By: @ ambient temp Date: Temp °C Page ___ of ___ Rev. 1

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

RE: Bixby University Station

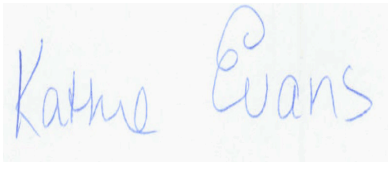
Work Order No.: 2405071

Dear Peter Langtry:

Torrent Laboratory, Inc. received 3 sample(s) on May 09, 2024 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

May 17, 2024
Date

Date: 5/17/2024

Client: Cornerstone Earth Group

Project: Bixby University Station

Work Order: 2405071

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: Peter Langtry
Cornerstone Earth Group

Date Received: 05/09/24
Date Reported: 05/17/24

GW-1 2405071-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Acetone	SW8260B	8.4	11	84	23.2	ug/L

GW-2 2405071-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

GW-3 2405071-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Acetone	SW8260B	1.14	1.5	11	5.28	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1	**Lab Sample ID:**	2405071-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 13:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160666	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	8.4	2.2	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Chloromethane	SW8260B	8.4	1.4	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Vinyl Chloride	SW8260B	8.4	1.7	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Bromomethane	SW8260B	8.4	1.8	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Chloroethane	SW8260B	8.4	0.96	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Trichlorofluoromethane	SW8260B	8.4	1.6	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,1-Dichloroethene	SW8260B	8.4	1.2	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Freon 113	SW8260B	8.4	2.9	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Methylene Chloride	SW8260B	8.4	1.1	8.4	ND		ug/L	05/10/24	17:58	JZ	483934
trans-1,2-Dichloroethene	SW8260B	8.4	1.4	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
MTBE	SW8260B	8.4	0.65	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,1-Dichloroethane	SW8260B	8.4	1.0	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
cis-1,2-Dichloroethene	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
2,2-Dichloropropane	SW8260B	8.4	0.79	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Bromochloromethane	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Chloroform	SW8260B	8.4	1.0	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Carbon Tetrachloride	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,1,1-Trichloroethane	SW8260B	8.4	1.4	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,1-Dichloropropene	SW8260B	8.4	1.6	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Benzene	SW8260B	8.4	0.55	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,2-Dichloroethane	SW8260B	8.4	0.92	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Trichloroethylene	SW8260B	8.4	1.2	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Dibromomethane	SW8260B	8.4	0.90	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,2-Dichloropropane	SW8260B	8.4	0.75	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Bromodichloromethane	SW8260B	8.4	0.64	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
cis-1,3-Dichloropropene	SW8260B	8.4	0.66	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Toluene	SW8260B	8.4	1.2	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Tetrachloroethylene	SW8260B	8.4	2.0	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
trans-1,3-Dichloropropene	SW8260B	8.4	1.8	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,1,2-Trichloroethane	SW8260B	8.4	0.64	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Dibromochloromethane	SW8260B	8.4	1.5	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,3-Dichloropropane	SW8260B	8.4	1.8	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,2-Dibromoethane	SW8260B	8.4	0.66	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Chlorobenzene	SW8260B	8.4	1.4	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Ethylbenzene	SW8260B	8.4	1.6	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,1,1,2-Tetrachloroethane	SW8260B	8.4	0.73	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
m,p-Xylene	SW8260B	8.4	3.3	8.4	ND		ug/L	05/10/24	17:58	JZ	483934
o-Xylene	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	17:58	JZ	483934

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1	**Lab Sample ID:**	2405071-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 13:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160666	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	8.4	0.92	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Bromoform	SW8260B	8.4	0.64	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Isopropyl Benzene	SW8260B	8.4	1.8	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
n-Propylbenzene	SW8260B	8.4	2.5	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
Bromobenzene	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,1,2,2-Tetrachloroethane	SW8260B	8.4	0.66	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
2-Chlorotoluene	SW8260B	8.4	2.1	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,3,5-Trimethylbenzene	SW8260B	8.4	2.0	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,2,3-Trichloropropane	SW8260B	8.4	1.2	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
4-Chlorotoluene	SW8260B	8.4	1.8	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
tert-Butylbenzene	SW8260B	8.4	2.2	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,2,4-Trimethylbenzene	SW8260B	8.4	1.9	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
sec-Butyl Benzene	SW8260B	8.4	2.5	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
p-Isopropyltoluene	SW8260B	8.4	2.2	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,3-Dichlorobenzene	SW8260B	8.4	1.4	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,4-Dichlorobenzene	SW8260B	8.4	1.5	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
n-Butylbenzene	SW8260B	8.4	2.3	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,2-Dichlorobenzene	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	17:58	JZ	483934
1,2-Dibromo-3-Chloropropane	SW8260B	8.4	6.4	17	ND		ug/L	05/10/24	17:58	JZ	483934
Hexachlorobutadiene	SW8260B	8.4	5.2	17	ND		ug/L	05/10/24	17:58	JZ	483934
1,2,4-Trichlorobenzene	SW8260B	8.4	7.8	17	ND		ug/L	05/10/24	17:58	JZ	483934
Naphthalene	SW8260B	8.4	10	17	ND		ug/L	05/10/24	17:58	JZ	483934
1,2,3-Trichlorobenzene	SW8260B	8.4	10	17	ND		ug/L	05/10/24	17:58	JZ	483934
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**112**		%	05/10/24	17:58	JZ	483934
(S) Toluene-d8	SW8260B		75.1 - 127		**101**		%	05/10/24	17:58	JZ	483934
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**100**		%	05/10/24	17:58	JZ	483934

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1	**Lab Sample ID:**	2405071-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 13:00		
SDG:			

Prep Method:	5030-IPA	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160667	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acetone	SW8260B	8.4	11	84	**23.2**	J	ug/L	05/10/24	17:58	JZ	483934
(S) Dibromofluoromethane	SW8260B		50 - 125		**100**		%	05/10/24	17:58	JZ	483934

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1	**Lab Sample ID:**	2405071-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 13:00		
SDG:			

Prep Method:	5030GRO	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160668	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH Gasoline	SW8260TPH	8.4	250	420	ND		ug/L	05/10/24	17:58	JZ	483934
(S) 4-Bromofluorobenzene	SW8260TPH		41.5 - 125		**94.6**		%	05/10/24	17:58	JZ	483934

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1	**Lab Sample ID:**	2405071-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 13:00		
SDG:			

Prep Method:	3510_TPH SG	**Prep Batch Date/Time:**	5/15/24 1:28:00PM
Prep Batch ID:	1160660	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.067	0.18	ND		mg/L	05/17/24	5:39	SN	484077
TPH as Motor Oil (SG)	SW8015B	1	0.20	0.73	ND		mg/L	05/17/24	5:39	SN	484077
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 129		**74.3**		%	05/17/24	5:39	SN	484077

NOTE: Reporting limits increased due <1000 mLs of sample available for extraction

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-2	**Lab Sample ID:**	2405071-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 14:40		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160666	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	8.4	2.2	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Chloromethane	SW8260B	8.4	1.4	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Vinyl Chloride	SW8260B	8.4	1.7	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Bromomethane	SW8260B	8.4	1.8	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Chloroethane	SW8260B	8.4	0.96	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Trichlorofluoromethane	SW8260B	8.4	1.6	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,1-Dichloroethene	SW8260B	8.4	1.2	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Freon 113	SW8260B	8.4	2.9	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Methylene Chloride	SW8260B	8.4	1.1	8.4	ND		ug/L	05/10/24	18:29	JZ	483934
trans-1,2-Dichloroethene	SW8260B	8.4	1.4	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
MTBE	SW8260B	8.4	0.65	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,1-Dichloroethane	SW8260B	8.4	1.0	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
cis-1,2-Dichloroethene	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
2,2-Dichloropropane	SW8260B	8.4	0.79	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Bromochloromethane	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Chloroform	SW8260B	8.4	1.0	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Carbon Tetrachloride	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,1,1-Trichloroethane	SW8260B	8.4	1.4	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,1-Dichloropropene	SW8260B	8.4	1.6	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Benzene	SW8260B	8.4	0.55	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,2-Dichloroethane	SW8260B	8.4	0.92	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Trichloroethylene	SW8260B	8.4	1.2	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Dibromomethane	SW8260B	8.4	0.90	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,2-Dichloropropane	SW8260B	8.4	0.75	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Bromodichloromethane	SW8260B	8.4	0.64	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
cis-1,3-Dichloropropene	SW8260B	8.4	0.66	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Toluene	SW8260B	8.4	1.2	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Tetrachloroethylene	SW8260B	8.4	2.0	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
trans-1,3-Dichloropropene	SW8260B	8.4	1.8	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,1,2-Trichloroethane	SW8260B	8.4	0.64	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Dibromochloromethane	SW8260B	8.4	1.5	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,3-Dichloropropane	SW8260B	8.4	1.8	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,2-Dibromoethane	SW8260B	8.4	0.66	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Chlorobenzene	SW8260B	8.4	1.4	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Ethylbenzene	SW8260B	8.4	1.6	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,1,1,2-Tetrachloroethane	SW8260B	8.4	0.73	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
m,p-Xylene	SW8260B	8.4	3.3	8.4	ND		ug/L	05/10/24	18:29	JZ	483934
o-Xylene	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	18:29	JZ	483934

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-2	**Lab Sample ID:**	2405071-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 14:40		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160666	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	8.4	0.92	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Bromoform	SW8260B	8.4	0.64	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Isopropyl Benzene	SW8260B	8.4	1.8	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
n-Propylbenzene	SW8260B	8.4	2.5	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
Bromobenzene	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,1,2,2-Tetrachloroethane	SW8260B	8.4	0.66	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
2-Chlorotoluene	SW8260B	8.4	2.1	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,3,5-Trimethylbenzene	SW8260B	8.4	2.0	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,2,3-Trichloropropane	SW8260B	8.4	1.2	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
4-Chlorotoluene	SW8260B	8.4	1.8	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
tert-Butylbenzene	SW8260B	8.4	2.2	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,2,4-Trimethylbenzene	SW8260B	8.4	1.9	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
sec-Butyl Benzene	SW8260B	8.4	2.5	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
p-Isopropyltoluene	SW8260B	8.4	2.2	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,3-Dichlorobenzene	SW8260B	8.4	1.4	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,4-Dichlorobenzene	SW8260B	8.4	1.5	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
n-Butylbenzene	SW8260B	8.4	2.3	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,2-Dichlorobenzene	SW8260B	8.4	1.3	4.2	ND		ug/L	05/10/24	18:29	JZ	483934
1,2-Dibromo-3-Chloropropane	SW8260B	8.4	6.4	17	ND		ug/L	05/10/24	18:29	JZ	483934
Hexachlorobutadiene	SW8260B	8.4	5.2	17	ND		ug/L	05/10/24	18:29	JZ	483934
1,2,4-Trichlorobenzene	SW8260B	8.4	7.8	17	ND		ug/L	05/10/24	18:29	JZ	483934
Naphthalene	SW8260B	8.4	10	17	ND		ug/L	05/10/24	18:29	JZ	483934
1,2,3-Trichlorobenzene	SW8260B	8.4	10	17	ND		ug/L	05/10/24	18:29	JZ	483934
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**113**		%	05/10/24	18:29	JZ	483934
(S) Toluene-d8	SW8260B		75.1 - 127		**101**		%	05/10/24	18:29	JZ	483934
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**105**		%	05/10/24	18:29	JZ	483934

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-2	**Lab Sample ID:**	2405071-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 14:40		
SDG:			

Prep Method:	5030-IPA	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160667	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acetone	SW8260B	8.4	11	84	ND		ug/L	05/10/24	18:29	JZ	483934
(S) Dibromofluoromethane	SW8260B		50 - 125		**102**		%	05/10/24	18:29	JZ	483934

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-2	**Lab Sample ID:**	2405071-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 14:40		
SDG:			

Prep Method:	5030GRO	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160668	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH Gasoline	SW8260TPH	8.4	250	420	ND		ug/L	05/10/24	18:29	JZ	483934
(S) 4-Bromofluorobenzene	SW8260TPH		41.5 - 125		**94.2**		%	05/10/24	18:29	JZ	483934

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-2	**Lab Sample ID:**	2405071-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 14:40		
SDG:			

Prep Method:	3510_TPH SG	**Prep Batch Date/Time:**	5/15/24 1:28:00PM
Prep Batch ID:	1160660	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.038	0.10	ND		mg/L	05/17/24	6:02	SN	484077
TPH as Motor Oil (SG)	SW8015B	1	0.11	0.41	ND		mg/L	05/17/24	6:02	SN	484077
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 129		**70.8**		%	05/17/24	6:02	SN	484077

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3	**Lab Sample ID:**	2405071-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 17:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160666	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1.14	0.30	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Chloromethane	SW8260B	1.14	0.19	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Vinyl Chloride	SW8260B	1.14	0.24	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Bromomethane	SW8260B	1.14	0.24	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Chloroethane	SW8260B	1.14	0.13	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Trichlorofluoromethane	SW8260B	1.14	0.21	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,1-Dichloroethene	SW8260B	1.14	0.16	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Freon 113	SW8260B	1.14	0.39	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Methylene Chloride	SW8260B	1.14	0.15	1.1	ND		ug/L	05/10/24	18:59	JZ	483934
trans-1,2-Dichloroethene	SW8260B	1.14	0.19	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
MTBE	SW8260B	1.14	0.088	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,1-Dichloroethane	SW8260B	1.14	0.14	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
cis-1,2-Dichloroethene	SW8260B	1.14	0.17	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
2,2-Dichloropropane	SW8260B	1.14	0.11	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Bromochloromethane	SW8260B	1.14	0.17	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Chloroform	SW8260B	1.14	0.14	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Carbon Tetrachloride	SW8260B	1.14	0.18	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,1,1-Trichloroethane	SW8260B	1.14	0.18	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,1-Dichloropropene	SW8260B	1.14	0.21	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Benzene	SW8260B	1.14	0.074	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,2-Dichloroethane	SW8260B	1.14	0.12	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Trichloroethylene	SW8260B	1.14	0.17	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Dibromomethane	SW8260B	1.14	0.12	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,2-Dichloropropane	SW8260B	1.14	0.10	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Bromodichloromethane	SW8260B	1.14	0.087	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
cis-1,3-Dichloropropene	SW8260B	1.14	0.089	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Toluene	SW8260B	1.14	0.16	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Tetrachloroethylene	SW8260B	1.14	0.27	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
trans-1,3-Dichloropropene	SW8260B	1.14	0.25	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,1,2-Trichloroethane	SW8260B	1.14	0.087	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Dibromochloromethane	SW8260B	1.14	0.21	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,3-Dichloropropane	SW8260B	1.14	0.25	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,2-Dibromoethane	SW8260B	1.14	0.090	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Chlorobenzene	SW8260B	1.14	0.18	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Ethylbenzene	SW8260B	1.14	0.22	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,1,1,2-Tetrachloroethane	SW8260B	1.14	0.099	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
m,p-Xylene	SW8260B	1.14	0.45	1.1	ND		ug/L	05/10/24	18:59	JZ	483934
o-Xylene	SW8260B	1.14	0.18	0.57	ND		ug/L	05/10/24	18:59	JZ	483934

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3	**Lab Sample ID:**	2405071-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 17:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160666	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1.14	0.12	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Bromoform	SW8260B	1.14	0.087	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Isopropyl Benzene	SW8260B	1.14	0.25	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
n-Propylbenzene	SW8260B	1.14	0.34	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
Bromobenzene	SW8260B	1.14	0.17	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,1,2,2-Tetrachloroethane	SW8260B	1.14	0.090	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
2-Chlorotoluene	SW8260B	1.14	0.29	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,3,5-Trimethylbenzene	SW8260B	1.14	0.28	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,2,3-Trichloropropane	SW8260B	1.14	0.17	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
4-Chlorotoluene	SW8260B	1.14	0.25	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
tert-Butylbenzene	SW8260B	1.14	0.30	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,2,4-Trimethylbenzene	SW8260B	1.14	0.26	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
sec-Butyl Benzene	SW8260B	1.14	0.34	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
p-Isopropyltoluene	SW8260B	1.14	0.30	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,3-Dichlorobenzene	SW8260B	1.14	0.19	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,4-Dichlorobenzene	SW8260B	1.14	0.20	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
n-Butylbenzene	SW8260B	1.14	0.31	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,2-Dichlorobenzene	SW8260B	1.14	0.18	0.57	ND		ug/L	05/10/24	18:59	JZ	483934
1,2-Dibromo-3-Chloropropane	SW8260B	1.14	0.87	2.3	ND		ug/L	05/10/24	18:59	JZ	483934
Hexachlorobutadiene	SW8260B	1.14	0.70	2.3	ND		ug/L	05/10/24	18:59	JZ	483934
1,2,4-Trichlorobenzene	SW8260B	1.14	1.1	2.3	ND		ug/L	05/10/24	18:59	JZ	483934
Naphthalene	SW8260B	1.14	1.4	2.3	ND		ug/L	05/10/24	18:59	JZ	483934
1,2,3-Trichlorobenzene	SW8260B	1.14	1.4	2.3	ND		ug/L	05/10/24	18:59	JZ	483934
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**118**		%	05/10/24	18:59	JZ	483934
(S) Toluene-d8	SW8260B		75.1 - 127		**98.5**		%	05/10/24	18:59	JZ	483934
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**103**		%	05/10/24	18:59	JZ	483934

NOTE: Reporting limits were raised due to sediment in all VOAs.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3	**Lab Sample ID:**	2405071-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 17:00		
SDG:			

Prep Method:	5030-IPA	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160667	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acetone	SW8260B	1.14	1.5	11	**5.28**	J	ug/L	05/10/24	18:59	JZ	483934
(S) Dibromofluoromethane	SW8260B		50 - 125		**106**		%	05/10/24	18:59	JZ	483934

NOTE: Reporting limits were raised due to sediment in all VOAs.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3	**Lab Sample ID:**	2405071-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 17:00		
SDG:			

Prep Method:	5030GRO	**Prep Batch Date/Time:**	5/10/24 12:25:00PM
Prep Batch ID:	1160668	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH Gasoline	SW8260TPH	1.14	33	57	ND		ug/L	05/10/24	18:59	JZ	483934
(S) 4-Bromofluorobenzene	SW8260TPH		41.5 - 125		**78.8**		%	05/10/24	18:59	JZ	483934

NOTE: Reporting limits were raised due to sediment in all VOAs.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3	**Lab Sample ID:**	2405071-003B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 17:00		
SDG:			

Prep Method:	3510_TPH SG	**Prep Batch Date/Time:**	5/15/24 1:28:00PM
Prep Batch ID:	1160660	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.037	0.10	ND		mg/L	05/17/24	6:24	SN	484077
TPH as Motor Oil (SG)	SW8015B	1	0.11	0.40	ND		mg/L	05/17/24	6:24	SN	484077
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 129		**79.3**		%	05/17/24	6:24	SN	484077

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405071	**Prep Method:**	3510_TPH SG	**Prep Date:**	05/15/24	**Prep Batch:**	1160660
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484077
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel (SG)	0.037	0.10	ND	
TPH as Motor Oil (SG)	0.11	0.40	0.121	
Pentacosane (S)			73.1	

Work Order:	2405071	**Prep Method:**	5030VOC	**Prep Date:**	05/10/24	**Prep Batch:**	1160666
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483934
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	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405071	**Prep Method:**	5030VOC	**Prep Date:**	05/10/24	**Prep Batch:**	1160666
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483934
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethylbenzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	0.24	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			100	
(S) Toluene-d8			91.6	
(S) 4-Bromofluorobenzene			98.5	

Work Order:	2405071	**Prep Method:**	5030-IPA	**Prep Date:**	05/10/24	**Prep Batch:**	1160667
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483934
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Acetone	1.3	10	ND	
(S) Dibromofluoromethane			89.8	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405071	**Prep Method:**	5030GRO	**Prep Date:**	05/10/24	**Prep Batch:**	1160668
Matrix:	Water	**Analytical Method:**	SW8260TPH	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483934
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH Gasoline	29	50	ND		
(S) 4-Bromofluorobenzene			75.9		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405071	**Prep Method:**	3510_TPH SG	**Prep Date:**	05/15/24	**Prep Batch:**	1160660
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484077
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.037	0.10	ND	1.0	99.5	99.3	0.201	42 - 115	30	
TPH as Motor Oil (SG)			0.121	200				40 - 129		

Work Order:	2405071	**Prep Method:**	5030VOC	**Prep Date:**	05/10/24	**Prep Batch:**	1160666
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483934
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	106	100.	5.43	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	107	98.6	8.70	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	111	103	7.29	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	122	109	11.6	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	114	99.6	13.1	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	102	93.9		61.2 - 131		
(S) Toluene-d8				17.9	116	99.9		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	110	95.4		64.1 - 120		

Work Order:	2405071	**Prep Method:**	5030GRO	**Prep Date:**	05/10/24	**Prep Batch:**	1160668
Matrix:	Water	**Analytical Method:**	SW8260TPH	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483934
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		238	76.3	82.7	7.92	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	93.2	90.0		41.5 - 125		

Laboratory Qualifiers and Definitions

DEFINITIONS:

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

Work Order No.: 2405071

Date and Time Received: 5/9/2024 5:52:00PM

Received By: CM

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?	Yes	Temperature:	2.0	°C
Water-VOA vials have zero headspace?	Yes			
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
Project Name: Bixby University Station
Project # : 285-2-3
Report Due Date: 5/17/2024

QC Level: II
TAT Requested: 5+ day:5
Date Received: 5/9/2024
Time Received: 5:52 pm

Comments:

Work Order # : ***2405071***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2405071-001A	GW-1	05/09/24 13:00	Water	11/05/24			VOC_W_Acetone VOC_W_8260B EDD VOC_W_GRO	
Sample Note:	Pls report to MDL							
2405071-001B	GW-1	05/09/24 13:00	Water	11/05/24			TPHDOSG_W_8015B	
2405071-002A	GW-2	05/09/24 14:40	Water	06/23/24			VOC_W_Acetone VOC_W_GRO VOC_W_8260B	
2405071-002B	GW-2	05/09/24 14:40	Water	06/23/24			TPHDOSG_W_8015B	
2405071-003A	GW-3	05/09/24 17:00	Water	06/23/24			VOC_W_Acetone VOC_W_GRO VOC_W_8260B	
2405071-003B	GW-3	05/09/24 17:00	Water	06/23/24			TPHDOSG_W_8015B	

Torrent LABORATORY, INC.

CORNERSTONE EARTH GROUP

Chain of Custody Record

2405071

Cornerstone Earth Group, Inc.	Project Manager: Peter Langtry	Site Sampler: HCG	Lab: Torrent	COC No: 2 Date: 5/9/24
	Phone: 825-817-8814	Phone: (408) 781-2425	Lab Contact: Kathie Evans	COC Page 1 of 1
1259 Oakmead Parkway	Analysis Turnaround Time:	Lab EDD Required: Cornerstone EDD		Laboratory's Job No.
Sunnyvale, CA 94085	1 WEEK ◉	Reporting Limits:		
Phone: (408)-245-4600	3 DAY ○			
	2 DAY ○			
Project Name: Bixby University Station	1 DAY ○			
Site: 451-475 El Camino Real	OTHER:			
Project Number: 285-2-3				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs & TPH-g 8260B (including BTEX)	TPH-d/o (8015B with silica gel cleanup)	Laboratory's Sample Specific Notes:
GW-1	5/9/24	1300	Grab/VOA	H2O	5		X	X	-001A/B
GW-2		1440					X	X	-002A/B
GW-3		1700					X	X	-003A/B

Special Instructions/QC Requirements & Comments:

Adjust TAT for soluble analyses to report results with other analytes. Please provide EDD at same time as PDF report.
Freeze CNOs/Terra Cores placed on hold.

D/O 2.3 #4

Send results to:
hguckes@cornerstoneearth.com
plangtry@cornerstoneearth.com

Address invoice to:
accounting@cornerstoneearth.com
plangtry@cornerstoneearth.com

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Cornerstone Earth Group	5/9/24 1750	[signature] Claudia Moreno	Torrent	5/9/24 17:52
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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

RE: Bixby University Station

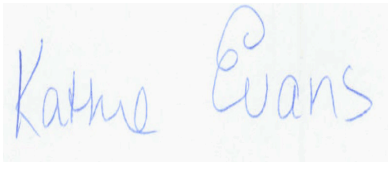
Work Order No.: 2405093

Dear Peter Langtry:

Torrent Laboratory, Inc. received 2 sample(s) on May 13, 2024 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

May 20, 2024
Date

Date: 5/20/2024

Client: Cornerstone Earth Group

Project: Bixby University Station

Work Order: 2405093

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: Peter Langtry
Cornerstone Earth Group

Date Received: 05/13/24
Date Reported: 05/20/24

GW-5 2405093-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Acetone	SW8260B	4.2	5.4	42	25.0	ug/L

GW-4 2405093-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-5	**Lab Sample ID:**	2405093-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:40		
SDG:			

Prep Method:	3510_TPH SG	**Prep Batch Date/Time:**	5/15/24 1:28:00PM
Prep Batch ID:	1160660	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.038	0.10	ND		mg/L	05/17/24	6:47	SN	484077
TPH as Motor Oil (SG)	SW8015B	1	0.12	0.41	ND		mg/L	05/17/24	6:47	SN	484077
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 129		**75.9**		%	05/17/24	6:47	SN	484077

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-5	**Lab Sample ID:**	2405093-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:40		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	5/15/24 11:36:00AM
Prep Batch ID:	1160775	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	4.2	1.1	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Chloromethane	SW8260B	4.2	0.70	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Vinyl Chloride	SW8260B	4.2	0.87	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Bromomethane	SW8260B	4.2	0.89	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Chloroethane	SW8260B	4.2	0.48	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Trichlorofluoromethane	SW8260B	4.2	0.78	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,1-Dichloroethene	SW8260B	4.2	0.60	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Freon 113	SW8260B	4.2	1.4	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Methylene Chloride	SW8260B	4.2	0.55	4.2	ND		ug/L	05/15/24	17:40	JZ	484044
trans-1,2-Dichloroethene	SW8260B	4.2	0.68	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
MTBE	SW8260B	4.2	0.32	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,1-Dichloroethane	SW8260B	4.2	0.51	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
cis-1,2-Dichloroethene	SW8260B	4.2	0.63	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
2,2-Dichloropropane	SW8260B	4.2	0.39	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Bromochloromethane	SW8260B	4.2	0.63	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Chloroform	SW8260B	4.2	0.51	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Carbon Tetrachloride	SW8260B	4.2	0.66	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,1,1-Trichloroethane	SW8260B	4.2	0.68	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,1-Dichloropropene	SW8260B	4.2	0.78	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Benzene	SW8260B	4.2	0.27	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,2-Dichloroethane	SW8260B	4.2	0.46	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Trichloroethylene	SW8260B	4.2	0.61	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Dibromomethane	SW8260B	4.2	0.45	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,2-Dichloropropane	SW8260B	4.2	0.37	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Bromodichloromethane	SW8260B	4.2	0.32	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
cis-1,3-Dichloropropene	SW8260B	4.2	0.33	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Toluene	SW8260B	4.2	0.60	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Tetrachloroethylene	SW8260B	4.2	1.00	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
trans-1,3-Dichloropropene	SW8260B	4.2	0.91	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,1,2-Trichloroethane	SW8260B	4.2	0.32	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Dibromochloromethane	SW8260B	4.2	0.76	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,3-Dichloropropane	SW8260B	4.2	0.91	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,2-Dibromoethane	SW8260B	4.2	0.33	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Chlorobenzene	SW8260B	4.2	0.68	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Ethylbenzene	SW8260B	4.2	0.82	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,1,1,2-Tetrachloroethane	SW8260B	4.2	0.37	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
m,p-Xylene	SW8260B	4.2	1.7	4.2	ND		ug/L	05/15/24	17:40	JZ	484044
o-Xylene	SW8260B	4.2	0.65	2.1	ND		ug/L	05/15/24	17:40	JZ	484044

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-5	**Lab Sample ID:**	2405093-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:40		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	5/15/24 11:36:00AM
Prep Batch ID:	1160775	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	4.2	0.46	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Bromoform	SW8260B	4.2	0.32	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Isopropyl Benzene	SW8260B	4.2	0.91	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
n-Propylbenzene	SW8260B	4.2	1.2	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
Bromobenzene	SW8260B	4.2	0.63	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,1,2,2-Tetrachloroethane	SW8260B	4.2	0.33	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
2-Chlorotoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,3,5-Trimethylbenzene	SW8260B	4.2	1.0	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,2,3-Trichloropropane	SW8260B	4.2	0.61	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
4-Chlorotoluene	SW8260B	4.2	0.90	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
tert-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,2,4-Trimethylbenzene	SW8260B	4.2	0.97	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
p-Isopropyltoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,3-Dichlorobenzene	SW8260B	4.2	0.70	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,4-Dichlorobenzene	SW8260B	4.2	0.74	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
n-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,2-Dichlorobenzene	SW8260B	4.2	0.67	2.1	ND		ug/L	05/15/24	17:40	JZ	484044
1,2-Dibromo-3-Chloropropane	SW8260B	4.2	3.2	8.4	ND		ug/L	05/15/24	17:40	JZ	484044
Hexachlorobutadiene	SW8260B	4.2	2.6	8.4	ND		ug/L	05/15/24	17:40	JZ	484044
1,2,4-Trichlorobenzene	SW8260B	4.2	3.9	8.4	ND		ug/L	05/15/24	17:40	JZ	484044
Naphthalene	SW8260B	4.2	5.1	8.4	ND		ug/L	05/15/24	17:40	JZ	484044
1,2,3-Trichlorobenzene	SW8260B	4.2	5.1	8.4	ND		ug/L	05/15/24	17:40	JZ	484044
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**119**		%	05/15/24	17:40	JZ	484044
(S) Toluene-d8	SW8260B		75.1 - 127		**97.5**		%	05/15/24	17:40	JZ	484044
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**101**		%	05/15/24	17:40	JZ	484044

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-5	**Lab Sample ID:**	2405093-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:40		
SDG:			

Prep Method:	5030-IPA	**Prep Batch Date/Time:**	5/15/24 11:36:00AM
Prep Batch ID:	1160780	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acetone	SW8260B	4.2	5.4	42	**25.0**	J	ug/L	05/15/24	17:40	JZ	484044
(S) Dibromofluoromethane	SW8260B		50 - 125		**107**		%	05/15/24	17:40	JZ	484044

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-5	**Lab Sample ID:**	2405093-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:40		
SDG:			

Prep Method:	5030GRO	**Prep Batch Date/Time:**	5/15/24 11:36:00AM
Prep Batch ID:	1160778	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH Gasoline	SW8260TPH	4.2	120	210	ND		ug/L	05/15/24	17:40	JZ	484044
(S) 4-Bromofluorobenzene	SW8260TPH		41.5 - 125		**74.4**		%	05/15/24	17:40	JZ	484044

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4	**Lab Sample ID:**	2405093-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:50		
SDG:			

Prep Method:	3510_TPH SG	**Prep Batch Date/Time:**	5/15/24 1:28:00PM
Prep Batch ID:	1160660	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel (SG)	SW8015B	1	0.038	0.10	ND		mg/L	05/17/24	7:09	SN	484077
TPH as Motor Oil (SG)	SW8015B	1	0.11	0.41	ND		mg/L	05/17/24	7:09	SN	484077
			Acceptance Limits								
Pentacosane (S)	SW8015B		40 - 129		**72.3**		%	05/17/24	7:09	SN	484077

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4	**Lab Sample ID:**	2405093-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:50		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	5/15/24 11:36:00AM
Prep Batch ID:	1160775	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	4.2	1.1	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Chloromethane	SW8260B	4.2	0.70	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Vinyl Chloride	SW8260B	4.2	0.87	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Bromomethane	SW8260B	4.2	0.89	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Chloroethane	SW8260B	4.2	0.48	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Trichlorofluoromethane	SW8260B	4.2	0.78	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,1-Dichloroethene	SW8260B	4.2	0.60	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Freon 113	SW8260B	4.2	1.4	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Methylene Chloride	SW8260B	4.2	0.55	4.2	ND		ug/L	05/15/24	18:10	JZ	484044
trans-1,2-Dichloroethene	SW8260B	4.2	0.68	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
MTBE	SW8260B	4.2	0.32	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,1-Dichloroethane	SW8260B	4.2	0.51	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
cis-1,2-Dichloroethene	SW8260B	4.2	0.63	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
2,2-Dichloropropane	SW8260B	4.2	0.39	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Bromochloromethane	SW8260B	4.2	0.63	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Chloroform	SW8260B	4.2	0.51	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Carbon Tetrachloride	SW8260B	4.2	0.66	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,1,1-Trichloroethane	SW8260B	4.2	0.68	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,1-Dichloropropene	SW8260B	4.2	0.78	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Benzene	SW8260B	4.2	0.27	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,2-Dichloroethane	SW8260B	4.2	0.46	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Trichloroethylene	SW8260B	4.2	0.61	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Dibromomethane	SW8260B	4.2	0.45	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,2-Dichloropropane	SW8260B	4.2	0.37	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Bromodichloromethane	SW8260B	4.2	0.32	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
cis-1,3-Dichloropropene	SW8260B	4.2	0.33	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Toluene	SW8260B	4.2	0.60	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Tetrachloroethylene	SW8260B	4.2	1.00	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
trans-1,3-Dichloropropene	SW8260B	4.2	0.91	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,1,2-Trichloroethane	SW8260B	4.2	0.32	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Dibromochloromethane	SW8260B	4.2	0.76	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,3-Dichloropropane	SW8260B	4.2	0.91	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,2-Dibromoethane	SW8260B	4.2	0.33	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Chlorobenzene	SW8260B	4.2	0.68	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Ethylbenzene	SW8260B	4.2	0.82	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,1,1,2-Tetrachloroethane	SW8260B	4.2	0.37	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
m,p-Xylene	SW8260B	4.2	1.7	4.2	ND		ug/L	05/15/24	18:10	JZ	484044
o-Xylene	SW8260B	4.2	0.65	2.1	ND		ug/L	05/15/24	18:10	JZ	484044

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4	**Lab Sample ID:**	2405093-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:50		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	5/15/24 11:36:00AM
Prep Batch ID:	1160775	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	4.2	0.46	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Bromoform	SW8260B	4.2	0.32	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Isopropyl Benzene	SW8260B	4.2	0.91	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
n-Propylbenzene	SW8260B	4.2	1.2	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
Bromobenzene	SW8260B	4.2	0.63	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,1,2,2-Tetrachloroethane	SW8260B	4.2	0.33	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
2-Chlorotoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,3,5-Trimethylbenzene	SW8260B	4.2	1.0	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,2,3-Trichloropropane	SW8260B	4.2	0.61	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
4-Chlorotoluene	SW8260B	4.2	0.90	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
tert-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,2,4-Trimethylbenzene	SW8260B	4.2	0.97	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
p-Isopropyltoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,3-Dichlorobenzene	SW8260B	4.2	0.70	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,4-Dichlorobenzene	SW8260B	4.2	0.74	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
n-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,2-Dichlorobenzene	SW8260B	4.2	0.67	2.1	ND		ug/L	05/15/24	18:10	JZ	484044
1,2-Dibromo-3-Chloropropane	SW8260B	4.2	3.2	8.4	ND		ug/L	05/15/24	18:10	JZ	484044
Hexachlorobutadiene	SW8260B	4.2	2.6	8.4	ND		ug/L	05/15/24	18:10	JZ	484044
1,2,4-Trichlorobenzene	SW8260B	4.2	3.9	8.4	ND		ug/L	05/15/24	18:10	JZ	484044
Naphthalene	SW8260B	4.2	5.1	8.4	ND		ug/L	05/15/24	18:10	JZ	484044
1,2,3-Trichlorobenzene	SW8260B	4.2	5.1	8.4	ND		ug/L	05/15/24	18:10	JZ	484044
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**126**		%	05/15/24	18:10	JZ	484044
(S) Toluene-d8	SW8260B		75.1 - 127		**99.5**		%	05/15/24	18:10	JZ	484044
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**102**		%	05/15/24	18:10	JZ	484044

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4	**Lab Sample ID:**	2405093-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:50		
SDG:			

Prep Method:	5030-IPA	**Prep Batch Date/Time:**	5/15/24 11:36:00AM
Prep Batch ID:	1160780	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acetone	SW8260B	4.2	5.4	42	ND		ug/L	05/15/24	18:10	JZ	484044
(S) Dibromofluoromethane	SW8260B		50 - 125		**113**		%	05/15/24	18:10	JZ	484044

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4	**Lab Sample ID:**	2405093-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Water
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:50		
SDG:			

Prep Method:	5030GRO	**Prep Batch Date/Time:**	5/15/24 11:36:00AM
Prep Batch ID:	1160778	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH Gasoline	SW8260TPH	4.2	120	210	ND		ug/L	05/15/24	18:10	JZ	484044
(S) 4-Bromofluorobenzene	SW8260TPH		41.5 - 125		**84.1**		%	05/15/24	18:10	JZ	484044

NOTE: Reporting limits were raised due to sample matrix (foaming during purging).

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405093	**Prep Method:**	3510_TPH SG	**Prep Date:**	05/15/24	**Prep Batch:**	1160660
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484077
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel (SG)	0.037	0.10	ND	
TPH as Motor Oil (SG)	0.11	0.40	0.121	
Pentacosane (S)			73.1	

Work Order:	2405093	**Prep Method:**	5030VOC	**Prep Date:**	05/15/24	**Prep Batch:**	1160775
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484044
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	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405093	**Prep Method:**	5030VOC	**Prep Date:**	05/15/24	**Prep Batch:**	1160775
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484044
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethylbenzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			117	
(S) Toluene-d8			101	
(S) 4-Bromofluorobenzene			101	

Work Order:	2405093	**Prep Method:**	5030GRO	**Prep Date:**	05/15/24	**Prep Batch:**	1160778
Matrix:	Water	**Analytical Method:**	SW8260TPH	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484044
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH Gasoline	29	50	ND	
(S) 4-Bromofluorobenzene			80.9	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405093	**Prep Method:**	5030-IPA	**Prep Date:**	05/15/24	**Prep Batch:**	1160780
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484044
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Acetone	1.3	10	ND		
(S) Dibromofluoromethane			105		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405093	**Prep Method:**	3510_TPH SG	**Prep Date:**	05/15/24	**Prep Batch:**	1160660
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484077
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.037	0.10	ND	1.0	99.5	99.3	0.201	42 - 115	30	

Work Order:	2405093	**Prep Method:**	5030VOC	**Prep Date:**	05/15/24	**Prep Batch:**	1160775
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484044
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	102	109	5.84	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	102	105	2.71	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	105	106	0.531	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	114	113	0.491	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	104	105	0.536	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	97.8	102		61.2 - 131		
(S) Toluene-d8				17.9	106	106		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	94.4	104		64.1 - 120		

Work Order:	2405093	**Prep Method:**	5030GRO	**Prep Date:**	05/15/24	**Prep Batch:**	1160778
Matrix:	Water	**Analytical Method:**	SW8260TPH	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484044
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	84.7	86.2	1.47	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.9	88.5	88.5		41.5 - 125		

Laboratory Qualifiers and Definitions

DEFINITIONS:

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

Work Order No.: 2405093

Date and Time Received: 5/13/2024 12:14:00PM

Received By: CM

Physically Logged By: CM

Checklist Completed By: CM

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?	Yes	Temperature:	1.0	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: N/A

pH Adjusted by: N/A

Comments:

Login Summary Report

Client ID:	TL5119	Cornerstone Earth Group	**QC Level:**	II
Project Name:	Bixby University Station		**TAT Requested:**	5+ day:5
Project # :	285-2-3		**Date Received:**	5/13/2024
Report Due Date:	5/20/2024		**Time Received:**	12:14 pm

Comments:

Work Order # : ***2405093***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2405093-001A	GW-5	05/13/24 10:40	Water	06/27/24			EDD TPHDOSG_W_8015B	
2405093-001B	GW-5	05/13/24 10:40	Water	06/27/24			VOC_W_8260B VOC_W_Acetone VOC_W_GRO	
Sample Note:	Pls report to MDL							
2405093-002A	GW-4	05/13/24 10:50	Water	06/27/24			TPHDOSG_W_8015B	
2405093-002B	GW-4	05/13/24 10:50	Water	06/27/24			VOC_W_8260B VOC_W_GRO VOC_W_Acetone	

Torrent LABORATORY, INC.

CORNERSTONE EARTH GROUP

Chain of Custody Record

Cornerstone Earth Group, Inc.	Project Manager: Peter Langtry	Site Sampler: HCG	Lab: Torrent	COC No: 2 Date: 5/13/24
	Phone: 825-817-8814	Phone: (408) 781-2425	Lab Contact: Kathie Evans	COC Page 1 of 1
1259 Oakmead Parkway	Analysis Turnaround Time:	Lab EDD Required: Cornerstone EDD		Laboratory's Job No. 2405093
Sunnyvale, CA 94085	1 WEEK (●)	Reporting Limits:		
Phone: (408)-245-4600	3 DAY ( )			
	2 DAY ( )			
Project Name: Bixby University Station	1 DAY ( )			
Site: 451-475 El Camino Real	OTHER:			
Project Number: 285-2-3				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs & TPH-g 8260B (including BTEX)	TPH-d/o (8015B with silica gel cleanup)	Laboratory's Sample Specific Notes:
GW-5	5/13/24	1040	Ambient Vapor	H2O	5		X	X	-0014/B
GW-4	"	1050	"	"	5		X	X	-002A/B

Special Instructions/QC Requirements & Comments:
Adjust TAT for soluble analyses to report results with other analytes. Please provide EDD at same time as PDF report.
Freeze CNOs/Terra Cores placed on hold.
D/O 1.4 #4

Send results to:
hguckes@cornerstoneearth.com
plangtry@cornerstoneearth.com

Address invoice to:
accounting@cornerstoneearth.com
plangtry@cornerstoneearth.com

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Cornerstone Earth Group	5/13/24 1712	[signature] Claudia Moreno	Torrent	5/13/24 12:14
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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

RE: Bixby University Station

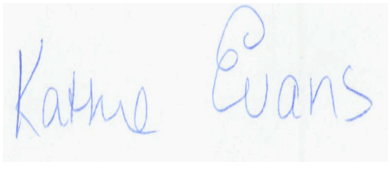
Work Order No.: 2405070 Rev. 1

Dear Peter Langtry:

Torrent Laboratory, Inc. received 16 sample(s) on May 09, 2024 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

May 17, 2024
Date

Torrent LABORATORY, INC.

Date: 5/17/2024

Client: Cornerstone Earth Group

Project: Bixby University Station

Work Order: 2405070

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.

Data is reported on a dry weight basis

Note: for 8260B/GCMS-GRO: Final result & MDL/PQL (Detection Limit/Reporting limit) have been corrected for actual mass removed from the Encore container.

REVISIONS

Report revised to include STLC and TCLP data

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: 5/21/24 at 2:45 PM to 5/23/24 at 10:50 AM

TCLP

Note: Extraction of 80 g sample/1600 g TCLP Fluid #1 was performed according to Toxicity Characteristic Leaching Procedure (SW-846 1311TCLP) which was rotated in a rotary shaker@ 32 RPM for 18 hours (+/- 2 hours). Due to limited sample mass, client approval was given to perform the TCLP extraction with less than the method specified 100 grams

Date Prepared: 5/22/24 at 2:00 PM to 5/23/24 at 9:30 AM

Rev. 1 (5/29/24)

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/09/24
Date Reported: 05/17/24

GW-1(1-1.5) 2405070-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	15.4	%
Dry Weight Factor	D2216	1	1	1	1.15	%
Antimony	SW6010B	1	0.058	5.75	1.31	mg/Kg
Arsenic	SW6010B	1	0.17	1.50	7.30	mg/Kg
Barium	SW6010B	1	0.063	5.75	217	mg/Kg
Beryllium	SW6010B	1	0.063	5.75	0.512	mg/Kg
Cadmium	SW6010B	1	0.12	0.863	0.575	mg/Kg
Chromium	SW6010B	1	0.086	5.75	67.3	mg/Kg
Cobalt	SW6010B	1	0.081	5.75	15.0	mg/Kg
Copper	SW6010B	1	0.23	5.75	45.8	mg/Kg
Lead	SW6010B	1	0.12	3.45	38.6	mg/Kg
Molybdenum	SW6010B	1	0.058	5.75	0.725	mg/Kg
Nickel	SW6010B	1	0.58	5.75	96.0	mg/Kg
Vanadium	SW6010B	1	0.12	5.75	56.7	mg/Kg
Zinc	SW6010B	1	0.35	5.75	102	mg/Kg
Mercury	SW7471B	1	0.096	0.58	0.21	mg/Kg
TPH as Diesel	SW8015B	1	3.9	9.2	144	mg/Kg
TPH as Motor Oil	SW8015B	1	15	46	307	mg/Kg
gamma-Chlordane	SW8081B	10	1.9	23	4.28	ug/Kg
alpha-Chlordane	SW8081B	10	2.0	23	7.05	ug/Kg
4,4'-DDE	SW8081B	10	2.2	23	64.5	ug/Kg
Dieldrin	SW8081B	10	1.7	23	14.0	ug/Kg
4,4'-DDD	SW8081B	10	6.5	23	23.4	ug/Kg
Chlordane, Technical	SW8081B	10	24	230	45.4	ug/Kg
Aroclor1260	SW8082A	1	27.6	115	428	ug/Kg
Total PCB	SW8082A	1	27.6	115	428	ug/Kg
Acetone	SW8260B	1	7.8	19.1	110	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/09/24
Date Reported: 05/17/24

GW-1(6-6.5) 2405070-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	21.6	%
Dry Weight Factor	D2216	1	1	1	1.22	%
Antimony	SW6010B	1	0.061	6.10	1.23	mg/Kg
Arsenic	SW6010B	1	0.18	1.59	10.2	mg/Kg
Barium	SW6010B	1	0.067	6.10	400	mg/Kg
Beryllium	SW6010B	1	0.067	6.10	0.561	mg/Kg
Cadmium	SW6010B	1	0.12	0.915	0.421	mg/Kg
Chromium	SW6010B	1	0.092	6.10	68.3	mg/Kg
Cobalt	SW6010B	1	0.085	6.10	16.1	mg/Kg
Copper	SW6010B	1	0.24	6.10	41.7	mg/Kg
Lead	SW6010B	1	0.12	3.66	15.3	mg/Kg
Molybdenum	SW6010B	1	0.061	6.10	2.16	mg/Kg
Nickel	SW6010B	1	0.61	6.10	119	mg/Kg
Silver	SW6010B	1	0.18	0.610	0.281	mg/Kg
Vanadium	SW6010B	1	0.12	6.10	53.5	mg/Kg
Zinc	SW6010B	1	0.37	6.10	87.8	mg/Kg
Mercury	SW7471B	1	0.10	0.61	0.11	mg/Kg
TPH as Diesel	SW8015B	1	2.1	4.9	82.7	mg/Kg
TPH as Motor Oil	SW8015B	1	7.8	24	189	mg/Kg
Acetone	SW8260B	1	9.4	23.2	46.5	ug/Kg
Naphthalene	SW8270C	1	12.9	176	19.4	ug/Kg
Phenanthrene	SW8270C	1	11.4	176	12.1	ug/Kg

SS-2-N(0.5-1) 2405070-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	8.68	%
Dry Weight Factor	D2216	1	1	1	1.09	%

SS-2-N(2.5-3) 2405070-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	15.9	%
Dry Weight Factor	D2216	1	1	1	1.16	%
Aroclor1260	SW8082A	1	27.8	116	764	ug/Kg
Total PCB	SW8082A	1	27.8	116	764	ug/Kg

SS-2-N(4.5-5) 2405070-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	12.6	%
Dry Weight Factor	D2216	1	1	1	1.13	%
Aroclor1260	SW8082A	1	27.1	113	35.0	ug/Kg
Total PCB	SW8082A	1	27.1	113	35.0	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/09/24
Date Reported: 05/17/24

SS-2-S(0.5-1) 2405070-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	7.79	%
Dry Weight Factor	D2216	1	1	1	1.08	%

SS-2-S(2.5-3) 2405070-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	14.8	%
Dry Weight Factor	D2216	1	1	1	1.15	%
Aroclor1260	SW8082A	1	27.6	115	550	ug/Kg
Total PCB	SW8082A	1	27.6	115	550	ug/Kg

SS-2-S(4.5-5) 2405070-008

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	7.73	%
Dry Weight Factor	D2216	1	1	1	1.08	%

SS-2-W(0.5-1) 2405070-009

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	6.15	%
Dry Weight Factor	D2216	1	1	1	1.06	%

SS-2-W(2.5-3) 2405070-010

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	11.2	%
Dry Weight Factor	D2216	1	1	1	1.11	%
Aroclor1260	SW8082A	1	26.6	111	356	ug/Kg
Total PCB	SW8082A	1	26.6	111	356	ug/Kg

SS-2-W(4.5-5) 2405070-011

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	12.3	%
Dry Weight Factor	D2216	1	1	1	1.12	%

SS-2-E(0.5-1) 2405070-012

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	8.11	%
Dry Weight Factor	D2216	1	1	1	1.08	%

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/09/24
Date Reported: 05/17/24

SS-2-E(2.5-3) 2405070-013

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	13.0	%
Dry Weight Factor	D2216	1	1	1	1.13	%
Aroclor1260	SW8082A	1	27.1	113	257	ug/Kg
Total PCB	SW8082A	1	27.1	113	257	ug/Kg

SS-2-E(4.5-5) 2405070-014

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	9.96	%
Dry Weight Factor	D2216	1	1	1	1.10	%

GW-3(1.5-2) 2405070-015

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	19.0	%
Dry Weight Factor	D2216	1	1	1	1.19	%
Antimony	SW6010B	1	0.060	5.95	1.32	mg/Kg
Arsenic	SW6010B	1	0.18	1.55	5.05	mg/Kg
Barium	SW6010B	1	0.065	5.95	286	mg/Kg
Beryllium	SW6010B	1	0.065	5.95	0.536	mg/Kg
Cadmium	SW6010B	1	0.12	0.893	0.541	mg/Kg
Chromium	SW6010B	1	0.089	5.95	107	mg/Kg
Cobalt	SW6010B	1	0.083	5.95	15.6	mg/Kg
Copper	SW6010B	1	0.24	5.95	42.1	mg/Kg
Lead	SW6010B	1	0.12	3.57	14.2	mg/Kg
Molybdenum	SW6010B	1	0.060	5.95	0.803	mg/Kg
Nickel	SW6010B	1	0.60	5.95	82.1	mg/Kg
Silver	SW6010B	1	0.18	0.595	0.184	mg/Kg
Vanadium	SW6010B	1	0.12	5.95	60.1	mg/Kg
Zinc	SW6010B	1	0.36	5.95	73.8	mg/Kg
Mercury	SW7471B	1	0.099	0.60	0.11	mg/Kg
TPH as Diesel	SW8015B	1	2.0	4.8	61.2	mg/Kg
TPH as Motor Oil	SW8015B	1	7.6	24	132	mg/Kg
Dieldrin	SW8081B	10	1.8	24	2.17	ug/Kg
Aroclor1260	SW8082A	1	28.6	119	224	ug/Kg
Total PCB	SW8082A	1	28.6	119	224	ug/Kg
Acetone	SW8260B	1	8.1	20.0	17.4	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/09/24
Date Reported: 05/17/24

GW-3(5-5.5) 2405070-016

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	26.9	%
Dry Weight Factor	D2216	1	1	1	1.27	%
Antimony	SW6010B	1	0.064	6.35	1.48	mg/Kg
Arsenic	SW6010B	1	0.19	1.65	3.05	mg/Kg
Barium	SW6010B	1	0.070	6.35	170	mg/Kg
Beryllium	SW6010B	1	0.070	6.35	0.521	mg/Kg
Cadmium	SW6010B	1	0.13	0.953	0.273	mg/Kg
Chromium	SW6010B	1	0.095	6.35	47.2	mg/Kg
Cobalt	SW6010B	1	0.089	6.35	8.38	mg/Kg
Copper	SW6010B	1	0.25	6.35	26.7	mg/Kg
Lead	SW6010B	1	0.13	3.81	5.37	mg/Kg
Molybdenum	SW6010B	1	0.064	6.35	0.305	mg/Kg
Nickel	SW6010B	1	0.64	6.35	53.4	mg/Kg
Selenium	SW6010B	1	0.44	1.40	0.489	mg/Kg
Vanadium	SW6010B	1	0.13	6.35	35.8	mg/Kg
Zinc	SW6010B	1	0.38	6.35	48.3	mg/Kg
TPH as Diesel	SW8015B	1	1.1	2.5	11.9	mg/Kg
TPH as Motor Oil	SW8015B	1	4.0	13	21.0	mg/Kg

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 4:50:00PM
Prep Batch ID:	1160673	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.096	0.58	**0.21**	J	mg/Kg	05/14/24	12:09	BJAY	483993

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.058	5.75	**1.31**	J	mg/Kg	05/14/24	12:27	GS	483965
Arsenic	SW6010B	1	0.17	1.50	**7.30**		mg/Kg	05/14/24	12:27	GS	483965
Barium	SW6010B	1	0.063	5.75	**217**		mg/Kg	05/14/24	12:27	GS	483965
Beryllium	SW6010B	1	0.063	5.75	**0.512**	J	mg/Kg	05/14/24	12:27	GS	483965
Cadmium	SW6010B	1	0.12	0.863	**0.575**	J	mg/Kg	05/14/24	12:27	GS	483965
Chromium	SW6010B	1	0.086	5.75	**67.3**		mg/Kg	05/14/24	12:27	GS	483965
Cobalt	SW6010B	1	0.081	5.75	**15.0**		mg/Kg	05/14/24	12:27	GS	483965
Copper	SW6010B	1	0.23	5.75	**45.8**		mg/Kg	05/14/24	12:27	GS	483965
Lead	SW6010B	1	0.12	3.45	**38.6**		mg/Kg	05/14/24	12:27	GS	483965
Molybdenum	SW6010B	1	0.058	5.75	**0.725**	J	mg/Kg	05/14/24	12:27	GS	483965
Nickel	SW6010B	1	0.58	5.75	**96.0**		mg/Kg	05/14/24	12:27	GS	483965
Silver	SW6010B	1	0.17	0.575	ND		mg/Kg	05/14/24	12:27	GS	483965
Vanadium	SW6010B	1	0.12	5.75	**56.7**		mg/Kg	05/14/24	12:27	GS	483965
Zinc	SW6010B	1	0.35	5.75	**102**		mg/Kg	05/14/24	12:27	GS	483965

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Selenium	SW6010B	1	0.40	1.27	ND		mg/Kg	05/16/24	17:30	GS	484058
Thallium	SW6010B	1	0.23	5.75	ND		mg/Kg	05/16/24	17:30	GS	484058

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	40.3	115	ND		ug/Kg	05/15/24	21:38	AK	483988
Aroclor1221	SW8082A	1	5.75	115	ND		ug/Kg	05/15/24	21:38	AK	483988
Aroclor1232	SW8082A	1	19.6	115	ND		ug/Kg	05/15/24	21:38	AK	483988
Aroclor1242	SW8082A	1	3.45	115	ND		ug/Kg	05/15/24	21:38	AK	483988
Aroclor1248	SW8082A	1	2.30	115	ND		ug/Kg	05/15/24	21:38	AK	483988
Aroclor1254	SW8082A	1	16.1	115	ND		ug/Kg	05/15/24	21:38	AK	483988
Aroclor1260	SW8082A	1	27.6	115	**428**		ug/Kg	05/15/24	21:38	AK	483988
Total PCB	SW8082A	1	27.6	115	**428**		ug/Kg	05/15/24	21:38	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**95.0**		%	05/15/24	21:38	AK	483988
DCBP (S)	SW8082A		48 - 135		**104**		%	05/15/24	21:38	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/10/24 2:57:00PM
Prep Batch ID:	1160623	**Prep Analyst:**	NDUM

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	05/13/24	19:22	MS	483989
gamma-BHC (Lindane)	SW8081B	10	1.8	23	ND		ug/Kg	05/13/24	19:22	MS	483989
beta-BHC	SW8081B	10	3.6	23	ND		ug/Kg	05/13/24	19:22	MS	483989
delta-BHC	SW8081B	10	1.8	23	ND		ug/Kg	05/13/24	19:22	MS	483989
Heptachlor	SW8081B	10	1.2	23	ND		ug/Kg	05/13/24	19:22	MS	483989
Aldrin	SW8081B	10	2.2	23	ND		ug/Kg	05/13/24	19:22	MS	483989
Heptachlor Epoxide	SW8081B	10	0.90	23	ND		ug/Kg	05/13/24	19:22	MS	483989
gamma-Chlordane	SW8081B	10	1.9	23	**4.28**	J	ug/Kg	05/13/24	19:22	MS	483989
alpha-Chlordane	SW8081B	10	2.0	23	**7.05**	J	ug/Kg	05/13/24	19:22	MS	483989
4,4'-DDE	SW8081B	10	2.2	23	**64.5**		ug/Kg	05/13/24	19:22	MS	483989
Endosulfan I	SW8081B	10	2.1	23	ND		ug/Kg	05/13/24	19:22	MS	483989
Dieldrin	SW8081B	10	1.7	23	**14.0**	J	ug/Kg	05/13/24	19:22	MS	483989
Endrin	SW8081B	10	2.2	23	ND		ug/Kg	05/13/24	19:22	MS	483989
4,4'-DDD	SW8081B	10	6.5	23	**23.4**		ug/Kg	05/13/24	19:22	MS	483989
Endosulfan II	SW8081B	10	6.6	23	ND		ug/Kg	05/13/24	19:22	MS	483989
4,4-DDT	SW8081B	10	1.5	23	ND		ug/Kg	05/13/24	19:22	MS	483989
Endrin Aldehyde	SW8081B	10	1.7	23	ND		ug/Kg	05/13/24	19:22	MS	483989
Methoxychlor	SW8081B	10	2.3	23	ND		ug/Kg	05/13/24	19:22	MS	483989
Endosulfan Sulfate	SW8081B	10	1.3	23	ND		ug/Kg	05/13/24	19:22	MS	483989
Endrin Ketone	SW8081B	10	5.0	23	ND		ug/Kg	05/13/24	19:22	MS	483989
Chlordane, Technical	SW8081B	10	24	230	**45.4**	J	ug/Kg	05/13/24	19:22	MS	483989
Toxaphene	SW8081B	10	98	580	ND		ug/Kg	05/13/24	19:22	MS	483989
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**84.1**		%	05/13/24	19:22	MS	483989
Decachlorobiphenyl (S)	SW8081B		38 - 135		**84.5**		%	05/13/24	19:22	MS	483989

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24 6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**15.4**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.15**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24	3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	10	539	8280	ND		ug/Kg	05/16/24	7:32	TA	484060
Phenol	SW8270C	10	504	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
Bis(2-chloroethyl)ether	SW8270C	10	153	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
2-Chlorophenol	SW8270C	10	549	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
1,3-Dichlorobenzene	SW8270C	10	151	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
1,4-Dichlorobenzene	SW8270C	10	168	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Benzyl Alcohol	SW8270C	10	235	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
1,2-Dichlorobenzene	SW8270C	10	155	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
2-Methylphenol (o-Cresol)	SW8270C	10	337	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	10	782	8280	ND		ug/Kg	05/16/24	7:32	TA	484060
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	10	360	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
N-nitroso-di-n-propylamine	SW8270C	10	151	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Hexachloroethane	SW8270C	10	196	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Nitrobenzene	SW8270C	10	148	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Isophorone	SW8270C	10	140	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
2-Nitrophenol	SW8270C	10	292	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
2,4-Dimethylphenol	SW8270C	10	262	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
Benzoic Acid	SW8270C	10	480	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
Bis(2-Chloroethoxy)methane	SW8270C	10	113	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Bis(2-chloroisopropyl)ether	SW8270C	10	145	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
2,4-Dichlorophenol	SW8270C	10	452	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
1,2,4-Trichlorobenzene	SW8270C	10	136	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Naphthalene	SW8270C	10	122	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
2,6-Dichlorophenol	SW8270C	10	412	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
Hexachloro-1,3-butadiene	SW8270C	10	95.9	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
4-Chloro-3-methylphenol	SW8270C	10	389	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
2-Methylnaphthalene	SW8270C	10	120	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
1-Methylnaphthalene	SW8270C	10	140	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Hexachlorocyclopentadiene	SW8270C	10	149	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
2,4,6-Trichlorophenol	SW8270C	10	413	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
2,4,5-Trichlorophenol	SW8270C	10	384	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
2-Chloronaphthalene	SW8270C	10	122	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
1,4-Dinitrobenzene	SW8270C	10	119	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Dimethyl phthalate	SW8270C	10	163	8280	ND		ug/Kg	05/16/24	7:32	TA	484060
1,3-Dinitrobenzene	SW8270C	10	119	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Acenaphthylene	SW8270C	10	95.2	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
2,6-Dinitrotoluene	SW8270C	10	130	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
1,2-Dinitrobenzene	SW8270C	10	181	1660	ND		ug/Kg	05/16/24	7:32	TA	484060

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24 3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acenaphthene	SW8270C	10	123	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
2,4-Dinitrophenol	SW8270C	10	892	8280	ND		ug/Kg	05/16/24	7:32	TA	484060
4-Nitrophenol	SW8270C	10	629	8280	ND		ug/Kg	05/16/24	7:32	TA	484060
Dibenzofuran	SW8270C	10	129	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
2,4-Dinitrotoluene	SW8270C	10	139	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
2,3,5,6-Tetrachlorophenol	SW8270C	10	317	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
2,3,4,6-Tetrachlorophenol	SW8270C	10	362	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
Diethylphthalate	SW8270C	10	157	8280	ND		ug/Kg	05/16/24	7:32	TA	484060
Fluorene	SW8270C	10	119	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
4-Chlorophenyl-phenylether	SW8270C	10	107	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
4,6-Dinitro-2-methylphenol	SW8270C	10	154	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
Diphenylamine	SW8270C	10	150	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Azobenzene	SW8270C	10	1310	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
4-Bromophenyl-phenylether	SW8270C	10	94.6	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Hexachlorobenzene	SW8270C	10	99.5	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Pentachlorophenol	SW8270C	10	287	3310	ND		ug/Kg	05/16/24	7:32	TA	484060
Phenanthrene	SW8270C	10	107	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Anthracene	SW8270C	10	102	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Carbazole	SW8270C	10	123	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Di-n-butylphthalate	SW8270C	10	155	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Fluoranthene	SW8270C	10	115	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Benzidine	SW8270C	10	1690	1690	ND		ug/Kg	05/16/24	7:32	TA	484060
Pyrene	SW8270C	10	137	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Butylbenzylphthalate	SW8270C	10	242	8280	ND		ug/Kg	05/16/24	7:32	TA	484060
Benzo(a)anthracene	SW8270C	10	113	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
3,3-Dichlorobenzidine	SW8270C	10	1350	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Chrysene	SW8270C	10	174	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Bis(2-Ethylhexyl)phthalate	SW8270C	10	176	8280	ND		ug/Kg	05/16/24	7:32	TA	484060
Di-n-Octylphthalate	SW8270C	10	141	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Benzo(b)fluorathene	SW8270C	10	138	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
benzo(k)fluorathene	SW8270C	10	93.8	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Benzo(a)pyrene	SW8270C	10	113	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Indeno(1,2,3-c,d)pyrene	SW8270C	10	159	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Dibenzo(a,h)anthracene	SW8270C	10	146	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Benzo(g,h,i)perylene	SW8270C	10	192	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
Pyridine	SW8270C	10	192	1660	ND		ug/Kg	05/16/24	7:32	TA	484060
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**53.8**		%	05/16/24	7:32	TA	484060

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24 3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Phenol-d6 (S)	SW8270C		24 - 113		**51.0**		%	05/16/24	7:32	TA	484060
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**52.2**		%	05/16/24	7:32	TA	484060
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**64.0**		%	05/16/24	7:32	TA	484060
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**60.4**		%	05/16/24	7:32	TA	484060
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**77.2**		%	05/16/24	7:32	TA	484060

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/10/24 1:36:00PM
Prep Batch ID:	1160598	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	3.9	9.2	**144**	x	mg/Kg	05/14/24	4:06	SN	483968
TPH as Motor Oil	SW8015B	1	15	46	**307**		mg/Kg	05/14/24	4:06	SN	483968
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**90.4**		%	05/14/24	4:06	SN	483968

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics and over-lapping of oil range organics within diesel range quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.2	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Chloromethane	SW8260B	1	1.7	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Vinyl Chloride	SW8260B	1	2.0	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Bromomethane	SW8260B	1	2.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Chloroethane	SW8260B	1	2.9	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Trichlorofluoromethane	SW8260B	1	2.0	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,1-Dichloroethene	SW8260B	1	1.9	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Freon 113	SW8260B	1	1.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Methylene Chloride	SW8260B	1	6.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
trans-1,2-Dichloroethene	SW8260B	1	2.0	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
MTBE	SW8260B	1	2.2	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,1-Dichloroethane	SW8260B	1	2.1	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
cis-1,2-Dichloroethene	SW8260B	1	2.1	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
2,2-Dichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Bromochloromethane	SW8260B	1	2.2	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Chloroform	SW8260B	1	2.3	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Carbon Tetrachloride	SW8260B	1	2.0	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,1,1-Trichloroethane	SW8260B	1	2.0	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,1-Dichloropropene	SW8260B	1	1.9	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Benzene	SW8260B	1	2.1	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,2-Dichloroethane	SW8260B	1	2.2	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Trichloroethene	SW8260B	1	1.7	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Dibromomethane	SW8260B	1	1.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,2-Dichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Bromodichloromethane	SW8260B	1	1.9	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
cis-1,3-Dichloropropene	SW8260B	1	1.5	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Toluene	SW8260B	1	1.7	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Tetrachloroethene	SW8260B	1	1.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,1,2-Trichloroethane	SW8260B	1	1.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Dibromochloromethane	SW8260B	1	1.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,3-Dichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,2-Dibromoethane	SW8260B	1	1.7	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Chlorobenzene	SW8260B	1	1.7	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Ethylbenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,1,1,2-Tetrachloroethane	SW8260B	1	1.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
m,p-Xylene	SW8260B	1	3.0	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
o-Xylene	SW8260B	1	1.7	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Bromoform	SW8260B	1	1.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Isopropyl Benzene	SW8260B	1	1.5	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
n-Propylbenzene	SW8260B	1	1.5	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Bromobenzene	SW8260B	1	1.7	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,1,2,2-Tetrachloroethane	SW8260B	1	1.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
2-Chlorotoluene	SW8260B	1	1.7	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,2,3-Trichloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
4-Chlorotoluene	SW8260B	1	1.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
tert-Butylbenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
sec-Butyl Benzene	SW8260B	1	1.5	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
p-Isopropyltoluene	SW8260B	1	1.4	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,3-Dichlorobenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,4-Dichlorobenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
n-Butylbenzene	SW8260B	1	1.4	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,2-Dichlorobenzene	SW8260B	1	1.7	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Hexachlorobutadiene	SW8260B	1	1.3	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,2,4-Trichlorobenzene	SW8260B	1	1.4	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
Naphthalene	SW8260B	1	1.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.6	ND		ug/Kg	05/15/24	18:15	HV	484032
2-Butanone	SW8260B	1	2.2	9.57	ND		ug/Kg	05/15/24	18:15	HV	484032
Acetone	SW8260B	1	7.8	19.1	**110**		ug/Kg	05/15/24	18:15	HV	484032
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**81.2**		%	05/15/24	18:15	HV	484032
(S) Toluene-d8	SW8260B		55.2 - 133		**103**		%	05/15/24	18:15	HV	484032
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**82.7**		%	05/15/24	18:15	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(1-1.5)	**Lab Sample ID:**	2405070-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:20		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/15/24	11:32:00AM
Prep Batch ID:	1160752	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	41	96	ND		ug/Kg	05/15/24	18:15	HV	484032
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**98.4**		%	05/15/24	18:15	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 4:50:00PM
Prep Batch ID:	1160673	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.10	0.61	**0.11**	J	mg/Kg	05/14/24	12:11	BJAY	483993

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.061	6.10	**1.23**	J	mg/Kg	05/14/24	12:28	GS	483965
Arsenic	SW6010B	1	0.18	1.59	**10.2**		mg/Kg	05/14/24	12:28	GS	483965
Barium	SW6010B	1	0.067	6.10	**400**		mg/Kg	05/14/24	12:28	GS	483965
Beryllium	SW6010B	1	0.067	6.10	**0.561**	J	mg/Kg	05/14/24	12:28	GS	483965
Cadmium	SW6010B	1	0.12	0.915	**0.421**	J	mg/Kg	05/14/24	12:28	GS	483965
Chromium	SW6010B	1	0.092	6.10	**68.3**		mg/Kg	05/14/24	12:28	GS	483965
Cobalt	SW6010B	1	0.085	6.10	**16.1**		mg/Kg	05/14/24	12:28	GS	483965
Copper	SW6010B	1	0.24	6.10	**41.7**		mg/Kg	05/14/24	12:28	GS	483965
Lead	SW6010B	1	0.12	3.66	**15.3**		mg/Kg	05/14/24	12:28	GS	483965
Molybdenum	SW6010B	1	0.061	6.10	**2.16**	J	mg/Kg	05/14/24	12:28	GS	483965
Nickel	SW6010B	1	0.61	6.10	**119**		mg/Kg	05/14/24	12:28	GS	483965
Silver	SW6010B	1	0.18	0.610	**0.281**	J	mg/Kg	05/14/24	12:28	GS	483965
Vanadium	SW6010B	1	0.12	6.10	**53.5**		mg/Kg	05/14/24	12:28	GS	483965
Zinc	SW6010B	1	0.37	6.10	**87.8**		mg/Kg	05/14/24	12:28	GS	483965

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Selenium	SW6010B	1	0.43	1.34	ND		mg/Kg	05/16/24	19:47	GS	484058
Thallium	SW6010B	1	0.24	6.10	ND		mg/Kg	05/16/24	19:47	GS	484058

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	42.7	122	ND		ug/Kg	05/15/24	21:53	AK	483988
Aroclor1221	SW8082A	1	6.10	122	ND		ug/Kg	05/15/24	21:53	AK	483988
Aroclor1232	SW8082A	1	20.7	122	ND		ug/Kg	05/15/24	21:53	AK	483988
Aroclor1242	SW8082A	1	3.66	122	ND		ug/Kg	05/15/24	21:53	AK	483988
Aroclor1248	SW8082A	1	2.44	122	ND		ug/Kg	05/15/24	21:53	AK	483988
Aroclor1254	SW8082A	1	17.1	122	ND		ug/Kg	05/15/24	21:53	AK	483988
Aroclor1260	SW8082A	1	29.3	122	ND		ug/Kg	05/15/24	21:53	AK	483988
Total PCB	SW8082A	1	29.3	122	ND		ug/Kg	05/15/24	21:53	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**107**		%	05/15/24	21:53	AK	483988
DCBP (S)	SW8082A		48 - 135		**115**		%	05/15/24	21:53	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/10/24 2:57:00PM
Prep Batch ID:	1160623	**Prep Analyst:**	NDUM

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	24	ND		ug/Kg	05/13/24	19:35	MS	483989
gamma-BHC (Lindane)	SW8081B	10	1.9	24	ND		ug/Kg	05/13/24	19:35	MS	483989
beta-BHC	SW8081B	10	3.9	24	ND		ug/Kg	05/13/24	19:35	MS	483989
delta-BHC	SW8081B	10	1.9	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Heptachlor	SW8081B	10	1.3	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Aldrin	SW8081B	10	2.4	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Heptachlor Epoxide	SW8081B	10	0.95	24	ND		ug/Kg	05/13/24	19:35	MS	483989
gamma-Chlordane	SW8081B	10	2.0	24	ND		ug/Kg	05/13/24	19:35	MS	483989
alpha-Chlordane	SW8081B	10	2.1	24	ND		ug/Kg	05/13/24	19:35	MS	483989
4,4'-DDE	SW8081B	10	2.4	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Endosulfan I	SW8081B	10	2.2	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Dieldrin	SW8081B	10	1.8	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Endrin	SW8081B	10	2.3	24	ND		ug/Kg	05/13/24	19:35	MS	483989
4,4'-DDD	SW8081B	10	6.9	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Endosulfan II	SW8081B	10	7.0	24	ND		ug/Kg	05/13/24	19:35	MS	483989
4,4-DDT	SW8081B	10	1.6	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Endrin Aldehyde	SW8081B	10	1.8	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Methoxychlor	SW8081B	10	2.4	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Endosulfan Sulfate	SW8081B	10	1.4	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Endrin Ketone	SW8081B	10	5.3	24	ND		ug/Kg	05/13/24	19:35	MS	483989
Chlordane, Technical	SW8081B	10	26	240	ND		ug/Kg	05/13/24	19:35	MS	483989
Toxaphene	SW8081B	10	100	610	ND		ug/Kg	05/13/24	19:35	MS	483989
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**91.1**		%	05/13/24	19:35	MS	483989
Decachlorobiphenyl (S)	SW8081B		38 - 135		**106**		%	05/13/24	19:35	MS	483989

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24 6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**21.6**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.22**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24 3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	1	57.2	878	ND		ug/Kg	05/16/24	6:04	TA	484060
Phenol	SW8270C	1	53.5	351	ND		ug/Kg	05/16/24	6:04	TA	484060
Bis(2-chloroethyl)ether	SW8270C	1	16.2	176	ND		ug/Kg	05/16/24	6:04	TA	484060
2-Chlorophenol	SW8270C	1	58.2	351	ND		ug/Kg	05/16/24	6:04	TA	484060
1,3-Dichlorobenzene	SW8270C	1	16.0	176	ND		ug/Kg	05/16/24	6:04	TA	484060
1,4-Dichlorobenzene	SW8270C	1	17.8	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Benzyl Alcohol	SW8270C	1	25.0	351	ND		ug/Kg	05/16/24	6:04	TA	484060
1,2-Dichlorobenzene	SW8270C	1	16.5	176	ND		ug/Kg	05/16/24	6:04	TA	484060
2-Methylphenol (o-Cresol)	SW8270C	1	35.8	351	ND		ug/Kg	05/16/24	6:04	TA	484060
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	83.0	878	ND		ug/Kg	05/16/24	6:04	TA	484060
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	38.2	351	ND		ug/Kg	05/16/24	6:04	TA	484060
N-nitroso-di-n-propylamine	SW8270C	1	16.0	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Hexachloroethane	SW8270C	1	20.8	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Nitrobenzene	SW8270C	1	15.7	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Isophorone	SW8270C	1	14.9	176	ND		ug/Kg	05/16/24	6:04	TA	484060
2-Nitrophenol	SW8270C	1	31.0	351	ND		ug/Kg	05/16/24	6:04	TA	484060
2,4-Dimethylphenol	SW8270C	1	27.8	351	ND		ug/Kg	05/16/24	6:04	TA	484060
Benzoic Acid	SW8270C	1	50.9	351	ND		ug/Kg	05/16/24	6:04	TA	484060
Bis(2-Chloroethoxy)methane	SW8270C	1	11.9	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Bis(2-chloroisopropyl)ether	SW8270C	1	15.4	176	ND		ug/Kg	05/16/24	6:04	TA	484060
2,4-Dichlorophenol	SW8270C	1	47.9	351	ND		ug/Kg	05/16/24	6:04	TA	484060
1,2,4-Trichlorobenzene	SW8270C	1	14.4	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Naphthalene	SW8270C	1	12.9	176	**19.4**	J	ug/Kg	05/16/24	6:04	TA	484060
2,6-Dichlorophenol	SW8270C	1	43.7	351	ND		ug/Kg	05/16/24	6:04	TA	484060
Hexachloro-1,3-butadiene	SW8270C	1	10.2	176	ND		ug/Kg	05/16/24	6:04	TA	484060
4-Chloro-3-methylphenol	SW8270C	1	41.2	351	ND		ug/Kg	05/16/24	6:04	TA	484060
2-Methylnaphthalene	SW8270C	1	12.7	176	ND		ug/Kg	05/16/24	6:04	TA	484060
1-Methylnaphthalene	SW8270C	1	14.9	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Hexachlorocyclopentadiene	SW8270C	1	15.8	176	ND		ug/Kg	05/16/24	6:04	TA	484060
2,4,6-Trichlorophenol	SW8270C	1	43.9	351	ND		ug/Kg	05/16/24	6:04	TA	484060
2,4,5-Trichlorophenol	SW8270C	1	40.7	351	ND		ug/Kg	05/16/24	6:04	TA	484060
2-Chloronaphthalene	SW8270C	1	12.9	176	ND		ug/Kg	05/16/24	6:04	TA	484060
1,4-Dinitrobenzene	SW8270C	1	12.6	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Dimethyl phthalate	SW8270C	1	17.3	878	ND		ug/Kg	05/16/24	6:04	TA	484060
1,3-Dinitrobenzene	SW8270C	1	12.7	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Acenaphthylene	SW8270C	1	10.1	176	ND		ug/Kg	05/16/24	6:04	TA	484060
2,6-Dinitrotoluene	SW8270C	1	13.8	176	ND		ug/Kg	05/16/24	6:04	TA	484060
1,2-Dinitrobenzene	SW8270C	1	19.2	176	ND		ug/Kg	05/16/24	6:04	TA	484060

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24 3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acenaphthene	SW8270C	1	13.0	176	ND		ug/Kg	05/16/24	6:04	TA	484060
2,4-Dinitrophenol	SW8270C	1	94.6	878	ND		ug/Kg	05/16/24	6:04	TA	484060
4-Nitrophenol	SW8270C	1	66.8	878	ND		ug/Kg	05/16/24	6:04	TA	484060
Dibenzofuran	SW8270C	1	13.7	176	ND		ug/Kg	05/16/24	6:04	TA	484060
2,4-Dinitrotoluene	SW8270C	1	14.7	176	ND		ug/Kg	05/16/24	6:04	TA	484060
2,3,5,6-Tetrachlorophenol	SW8270C	1	33.7	351	ND		ug/Kg	05/16/24	6:04	TA	484060
2,3,4,6-Tetrachlorophenol	SW8270C	1	38.4	351	ND		ug/Kg	05/16/24	6:04	TA	484060
Diethylphthalate	SW8270C	1	16.6	878	ND		ug/Kg	05/16/24	6:04	TA	484060
Fluorene	SW8270C	1	12.6	176	ND		ug/Kg	05/16/24	6:04	TA	484060
4-Chlorophenyl-phenylether	SW8270C	1	11.4	176	ND		ug/Kg	05/16/24	6:04	TA	484060
4,6-Dinitro-2-methylphenol	SW8270C	1	16.3	351	ND		ug/Kg	05/16/24	6:04	TA	484060
Diphenylamine	SW8270C	1	15.9	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Azobenzene	SW8270C	1	139	176	ND		ug/Kg	05/16/24	6:04	TA	484060
4-Bromophenyl-phenylether	SW8270C	1	10.0	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Hexachlorobenzene	SW8270C	1	10.6	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Pentachlorophenol	SW8270C	1	30.5	351	ND		ug/Kg	05/16/24	6:04	TA	484060
Phenanthrene	SW8270C	1	11.4	176	**12.1**	J	ug/Kg	05/16/24	6:04	TA	484060
Anthracene	SW8270C	1	10.9	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Carbazole	SW8270C	1	13.1	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Di-n-butylphthalate	SW8270C	1	16.5	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Fluoranthene	SW8270C	1	12.2	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Benzidine	SW8270C	1	179	179	ND		ug/Kg	05/16/24	6:04	TA	484060
Pyrene	SW8270C	1	14.6	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Butylbenzylphthalate	SW8270C	1	25.7	878	ND		ug/Kg	05/16/24	6:04	TA	484060
Benzo(a)anthracene	SW8270C	1	12.0	176	ND		ug/Kg	05/16/24	6:04	TA	484060
3,3-Dichlorobenzidine	SW8270C	1	144	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Chrysene	SW8270C	1	18.5	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Bis(2-Ethylhexyl)phthalate	SW8270C	1	18.7	878	ND		ug/Kg	05/16/24	6:04	TA	484060
Di-n-Octylphthalate	SW8270C	1	15.0	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Benzo(b)fluorathene	SW8270C	1	14.7	176	ND		ug/Kg	05/16/24	6:04	TA	484060
benzo(k)fluorathene	SW8270C	1	9.95	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Benzo(a)pyrene	SW8270C	1	12.0	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Indeno(1,2,3-c,d)pyrene	SW8270C	1	16.8	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Dibenzo(a,h)anthracene	SW8270C	1	15.5	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Benzo(g,h,i)perylene	SW8270C	1	20.3	176	ND		ug/Kg	05/16/24	6:04	TA	484060
Pyridine	SW8270C	1	20.3	176	ND		ug/Kg	05/16/24	6:04	TA	484060
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**46.5**		%	05/16/24	6:04	TA	484060

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24	3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Phenol-d6 (S)	SW8270C		24 - 113		**46.3**		%	05/16/24	6:04	TA	484060
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**33.8**		%	05/16/24	6:04	TA	484060
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**56.6**		%	05/16/24	6:04	TA	484060
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**39.3**		%	05/16/24	6:04	TA	484060
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**59.6**		%	05/16/24	6:04	TA	484060

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/10/24 1:36:00PM
Prep Batch ID:	1160598	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	2.1	4.9	**82.7**	x	mg/Kg	05/14/24	4:31	SN	483968
TPH as Motor Oil	SW8015B	1	7.8	24	**189**		mg/Kg	05/14/24	4:31	SN	483968
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**116**		%	05/14/24	4:31	SN	483968

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.4	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Chloromethane	SW8260B	1	2.1	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Vinyl Chloride	SW8260B	1	2.4	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Bromomethane	SW8260B	1	3.1	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Chloroethane	SW8260B	1	3.5	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Trichlorofluoromethane	SW8260B	1	2.4	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,1-Dichloroethene	SW8260B	1	2.3	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Freon 113	SW8260B	1	2.2	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Methylene Chloride	SW8260B	1	8.2	12	ND		ug/Kg	05/15/24	18:44	HV	484032
trans-1,2-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	05/15/24	18:44	HV	484032
MTBE	SW8260B	1	2.7	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,1-Dichloroethane	SW8260B	1	2.6	12	ND		ug/Kg	05/15/24	18:44	HV	484032
cis-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	05/15/24	18:44	HV	484032
2,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Bromochloromethane	SW8260B	1	2.7	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Chloroform	SW8260B	1	2.7	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Carbon Tetrachloride	SW8260B	1	2.4	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,1,1-Trichloroethane	SW8260B	1	2.4	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,1-Dichloropropene	SW8260B	1	2.3	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Benzene	SW8260B	1	2.6	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,2-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Trichloroethene	SW8260B	1	2.1	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Dibromomethane	SW8260B	1	2.1	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Bromodichloromethane	SW8260B	1	2.3	12	ND		ug/Kg	05/15/24	18:44	HV	484032
cis-1,3-Dichloropropene	SW8260B	1	1.8	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Toluene	SW8260B	1	2.1	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Tetrachloroethene	SW8260B	1	1.9	12	ND		ug/Kg	05/15/24	18:44	HV	484032
trans-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,1,2-Trichloroethane	SW8260B	1	2.1	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,3-Dichloropropane	SW8260B	1	2.1	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,2-Dibromoethane	SW8260B	1	2.1	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Chlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Ethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	05/15/24	18:44	HV	484032
m,p-Xylene	SW8260B	1	3.7	12	ND		ug/Kg	05/15/24	18:44	HV	484032
o-Xylene	SW8260B	1	2.0	12	ND		ug/Kg	05/15/24	18:44	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.9	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Bromoform	SW8260B	1	1.9	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	05/15/24	18:44	HV	484032
n-Propylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Bromobenzene	SW8260B	1	2.0	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	12	ND		ug/Kg	05/15/24	18:44	HV	484032
2-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,3,5-Trimethylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,2,3-Trichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	05/15/24	18:44	HV	484032
4-Chlorotoluene	SW8260B	1	1.9	12	ND		ug/Kg	05/15/24	18:44	HV	484032
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	05/15/24	18:44	HV	484032
sec-Butyl Benzene	SW8260B	1	1.8	12	ND		ug/Kg	05/15/24	18:44	HV	484032
p-Isopropyltoluene	SW8260B	1	1.7	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,3-Dichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,4-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	05/15/24	18:44	HV	484032
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,2,4-Trichlorobenzene	SW8260B	1	1.7	12	ND		ug/Kg	05/15/24	18:44	HV	484032
Naphthalene	SW8260B	1	1.9	12	ND		ug/Kg	05/15/24	18:44	HV	484032
1,2,3-Trichlorobenzene	SW8260B	1	1.9	12	ND		ug/Kg	05/15/24	18:44	HV	484032
2-Butanone	SW8260B	1	2.6	11.6	ND		ug/Kg	05/15/24	18:44	HV	484032
Acetone	SW8260B	1	9.4	23.2	**46.5**		ug/Kg	05/15/24	18:44	HV	484032
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**73.9**		%	05/15/24	18:44	HV	484032
(S) Toluene-d8	SW8260B		55.2 - 133		**103**		%	05/15/24	18:44	HV	484032
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**84.3**		%	05/15/24	18:44	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-1(6-6.5)	**Lab Sample ID:**	2405070-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 9:22		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160752	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	50	120	ND		ug/Kg	05/15/24	18:44	HV	484032
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**80.4**		%	05/15/24	18:44	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-N(0.5-1)	**Lab Sample ID:**	2405070-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:24		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	38.2	109	ND		ug/Kg	05/15/24	22:09	AK	483988
Aroclor1221	SW8082A	1	5.45	109	ND		ug/Kg	05/15/24	22:09	AK	483988
Aroclor1232	SW8082A	1	18.5	109	ND		ug/Kg	05/15/24	22:09	AK	483988
Aroclor1242	SW8082A	1	3.27	109	ND		ug/Kg	05/15/24	22:09	AK	483988
Aroclor1248	SW8082A	1	2.18	109	ND		ug/Kg	05/15/24	22:09	AK	483988
Aroclor1254	SW8082A	1	15.3	109	ND		ug/Kg	05/15/24	22:09	AK	483988
Aroclor1260	SW8082A	1	26.2	109	ND		ug/Kg	05/15/24	22:09	AK	483988
Total PCB	SW8082A	1	26.2	109	ND		ug/Kg	05/15/24	22:09	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**96.0**		%	05/15/24	22:09	AK	483988
DCBP (S)	SW8082A		48 - 135		**104**		%	05/15/24	22:09	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-N(0.5-1)	**Lab Sample ID:**	2405070-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:24		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24	6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**8.68**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.09**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-N(2.5-3)	**Lab Sample ID:**	2405070-004A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:26		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	40.6	116	ND		ug/Kg	05/15/24	22:24	AK	483988
Aroclor1221	SW8082A	1	5.80	116	ND		ug/Kg	05/15/24	22:24	AK	483988
Aroclor1232	SW8082A	1	19.7	116	ND		ug/Kg	05/15/24	22:24	AK	483988
Aroclor1242	SW8082A	1	3.48	116	ND		ug/Kg	05/15/24	22:24	AK	483988
Aroclor1248	SW8082A	1	2.32	116	ND		ug/Kg	05/15/24	22:24	AK	483988
Aroclor1254	SW8082A	1	16.2	116	ND		ug/Kg	05/15/24	22:24	AK	483988
Aroclor1260	SW8082A	1	27.8	116	**764**		ug/Kg	05/15/24	22:24	AK	483988
Total PCB	SW8082A	1	27.8	116	**764**		ug/Kg	05/15/24	22:24	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**106**		%	05/15/24	22:24	AK	483988
DCBP (S)	SW8082A		48 - 135		**114**		%	05/15/24	22:24	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-N(2.5-3)	**Lab Sample ID:**	2405070-004A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:26		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24 6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**15.9**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.16**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-N(4.5-5)	**Lab Sample ID:**	2405070-005A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:28		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	39.6	113	ND		ug/Kg	05/15/24	22:39	AK	483988
Aroclor1221	SW8082A	1	5.65	113	ND		ug/Kg	05/15/24	22:39	AK	483988
Aroclor1232	SW8082A	1	19.2	113	ND		ug/Kg	05/15/24	22:39	AK	483988
Aroclor1242	SW8082A	1	3.39	113	ND		ug/Kg	05/15/24	22:39	AK	483988
Aroclor1248	SW8082A	1	2.26	113	ND		ug/Kg	05/15/24	22:39	AK	483988
Aroclor1254	SW8082A	1	15.8	113	ND		ug/Kg	05/15/24	22:39	AK	483988
Aroclor1260	SW8082A	1	27.1	113	**35.0**	J	ug/Kg	05/15/24	22:39	AK	483988
Total PCB	SW8082A	1	27.1	113	**35.0**	J	ug/Kg	05/15/24	22:39	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**99.0**		%	05/15/24	22:39	AK	483988
DCBP (S)	SW8082A		48 - 135		**108**		%	05/15/24	22:39	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-N(4.5-5)	**Lab Sample ID:**	2405070-005A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:28		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24	6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**12.6**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.13**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-S(0.5-1)	**Lab Sample ID:**	2405070-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:30		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	37.8	108	ND		ug/Kg	05/15/24	22:54	AK	483988
Aroclor1221	SW8082A	1	5.40	108	ND		ug/Kg	05/15/24	22:54	AK	483988
Aroclor1232	SW8082A	1	18.4	108	ND		ug/Kg	05/15/24	22:54	AK	483988
Aroclor1242	SW8082A	1	3.24	108	ND		ug/Kg	05/15/24	22:54	AK	483988
Aroclor1248	SW8082A	1	2.16	108	ND		ug/Kg	05/15/24	22:54	AK	483988
Aroclor1254	SW8082A	1	15.1	108	ND		ug/Kg	05/15/24	22:54	AK	483988
Aroclor1260	SW8082A	1	25.9	108	ND		ug/Kg	05/15/24	22:54	AK	483988
Total PCB	SW8082A	1	25.9	108	ND		ug/Kg	05/15/24	22:54	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**97.0**		%	05/15/24	22:54	AK	483988
DCBP (S)	SW8082A		48 - 135		**111**		%	05/15/24	22:54	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-S(0.5-1)	**Lab Sample ID:**	2405070-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:30		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24 6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**7.79**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.08**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-S(2.5-3)	**Lab Sample ID:**	2405070-007A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:32		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	40.3	115	ND		ug/Kg	05/15/24	23:10	AK	483988
Aroclor1221	SW8082A	1	5.75	115	ND		ug/Kg	05/15/24	23:10	AK	483988
Aroclor1232	SW8082A	1	19.6	115	ND		ug/Kg	05/15/24	23:10	AK	483988
Aroclor1242	SW8082A	1	3.45	115	ND		ug/Kg	05/15/24	23:10	AK	483988
Aroclor1248	SW8082A	1	2.30	115	ND		ug/Kg	05/15/24	23:10	AK	483988
Aroclor1254	SW8082A	1	16.1	115	ND		ug/Kg	05/15/24	23:10	AK	483988
Aroclor1260	SW8082A	1	27.6	115	**550**		ug/Kg	05/15/24	23:10	AK	483988
Total PCB	SW8082A	1	27.6	115	**550**		ug/Kg	05/15/24	23:10	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**93.0**		%	05/15/24	23:10	AK	483988
DCBP (S)	SW8082A		48 - 135		**106**		%	05/15/24	23:10	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-S(2.5-3)	**Lab Sample ID:**	2405070-007A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:32		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24	6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**14.8**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.15**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-S(4.5-5)	**Lab Sample ID:**	2405070-008A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:34		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	37.8	108	ND		ug/Kg	05/15/24	23:54	AK	483988
Aroclor1221	SW8082A	1	5.40	108	ND		ug/Kg	05/15/24	23:54	AK	483988
Aroclor1232	SW8082A	1	18.4	108	ND		ug/Kg	05/15/24	23:54	AK	483988
Aroclor1242	SW8082A	1	3.24	108	ND		ug/Kg	05/15/24	23:54	AK	483988
Aroclor1248	SW8082A	1	2.16	108	ND		ug/Kg	05/15/24	23:54	AK	483988
Aroclor1254	SW8082A	1	15.1	108	ND		ug/Kg	05/15/24	23:54	AK	483988
Aroclor1260	SW8082A	1	25.9	108	ND		ug/Kg	05/15/24	23:54	AK	483988
Total PCB	SW8082A	1	25.9	108	ND		ug/Kg	05/15/24	23:54	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**96.0**		%	05/15/24	23:54	AK	483988
DCBP (S)	SW8082A		48 - 135		**108**		%	05/15/24	23:54	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-S(4.5-5)	**Lab Sample ID:**	2405070-008A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:34		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24	6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**7.73**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.08**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-W(0.5-1)	**Lab Sample ID:**	2405070-009A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:36		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	37.1	106	ND		ug/Kg	05/16/24	0:10	AK	483988
Aroclor1221	SW8082A	1	5.30	106	ND		ug/Kg	05/16/24	0:10	AK	483988
Aroclor1232	SW8082A	1	18.0	106	ND		ug/Kg	05/16/24	0:10	AK	483988
Aroclor1242	SW8082A	1	3.18	106	ND		ug/Kg	05/16/24	0:10	AK	483988
Aroclor1248	SW8082A	1	2.12	106	ND		ug/Kg	05/16/24	0:10	AK	483988
Aroclor1254	SW8082A	1	14.8	106	ND		ug/Kg	05/16/24	0:10	AK	483988
Aroclor1260	SW8082A	1	25.4	106	ND		ug/Kg	05/16/24	0:10	AK	483988
Total PCB	SW8082A	1	25.4	106	ND		ug/Kg	05/16/24	0:10	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**99.0**		%	05/16/24	0:10	AK	483988
DCBP (S)	SW8082A		48 - 135		**111**		%	05/16/24	0:10	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-W(0.5-1)	**Lab Sample ID:**	2405070-009A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:36		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24 6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**6.15**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.06**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-W(2.5-3)	**Lab Sample ID:**	2405070-010A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:38		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	38.9	111	ND		ug/Kg	05/16/24	0:25	AK	483988
Aroclor1221	SW8082A	1	5.55	111	ND		ug/Kg	05/16/24	0:25	AK	483988
Aroclor1232	SW8082A	1	18.9	111	ND		ug/Kg	05/16/24	0:25	AK	483988
Aroclor1242	SW8082A	1	3.33	111	ND		ug/Kg	05/16/24	0:25	AK	483988
Aroclor1248	SW8082A	1	2.22	111	ND		ug/Kg	05/16/24	0:25	AK	483988
Aroclor1254	SW8082A	1	15.5	111	ND		ug/Kg	05/16/24	0:25	AK	483988
Aroclor1260	SW8082A	1	26.6	111	**356**		ug/Kg	05/16/24	0:25	AK	483988
Total PCB	SW8082A	1	26.6	111	**356**		ug/Kg	05/16/24	0:25	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**92.0**		%	05/16/24	0:25	AK	483988
DCBP (S)	SW8082A		48 - 135		**102**		%	05/16/24	0:25	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-W(2.5-3)	**Lab Sample ID:**	2405070-010A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:38		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24	6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**11.2**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.11**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-W(4.5-5)	**Lab Sample ID:**	2405070-011A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:40		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	39.2	112	ND		ug/Kg	05/16/24	0:40	AK	483988
Aroclor1221	SW8082A	1	5.60	112	ND		ug/Kg	05/16/24	0:40	AK	483988
Aroclor1232	SW8082A	1	19.0	112	ND		ug/Kg	05/16/24	0:40	AK	483988
Aroclor1242	SW8082A	1	3.36	112	ND		ug/Kg	05/16/24	0:40	AK	483988
Aroclor1248	SW8082A	1	2.24	112	ND		ug/Kg	05/16/24	0:40	AK	483988
Aroclor1254	SW8082A	1	15.7	112	ND		ug/Kg	05/16/24	0:40	AK	483988
Aroclor1260	SW8082A	1	26.9	112	ND		ug/Kg	05/16/24	0:40	AK	483988
Total PCB	SW8082A	1	26.9	112	ND		ug/Kg	05/16/24	0:40	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**87.0**		%	05/16/24	0:40	AK	483988
DCBP (S)	SW8082A		48 - 135		**97.0**		%	05/16/24	0:40	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-W(4.5-5)	**Lab Sample ID:**	2405070-011A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:40		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24	6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**12.3**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.12**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-E(0.5-1)	**Lab Sample ID:**	2405070-012A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:42		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	37.8	108	ND		ug/Kg	05/16/24	0:56	AK	483988
Aroclor1221	SW8082A	1	5.40	108	ND		ug/Kg	05/16/24	0:56	AK	483988
Aroclor1232	SW8082A	1	18.4	108	ND		ug/Kg	05/16/24	0:56	AK	483988
Aroclor1242	SW8082A	1	3.24	108	ND		ug/Kg	05/16/24	0:56	AK	483988
Aroclor1248	SW8082A	1	2.16	108	ND		ug/Kg	05/16/24	0:56	AK	483988
Aroclor1254	SW8082A	1	15.1	108	ND		ug/Kg	05/16/24	0:56	AK	483988
Aroclor1260	SW8082A	1	25.9	108	ND		ug/Kg	05/16/24	0:56	AK	483988
Total PCB	SW8082A	1	25.9	108	ND		ug/Kg	05/16/24	0:56	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**102**		%	05/16/24	0:56	AK	483988
DCBP (S)	SW8082A		48 - 135		**115**		%	05/16/24	0:56	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-E(0.5-1)	**Lab Sample ID:**	2405070-012A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:42		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24 6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**8.11**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.08**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-E(2.5-3)	**Lab Sample ID:**	2405070-013A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:44		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	39.6	113	ND		ug/Kg	05/16/24	1:11	AK	483988
Aroclor1221	SW8082A	1	5.65	113	ND		ug/Kg	05/16/24	1:11	AK	483988
Aroclor1232	SW8082A	1	19.2	113	ND		ug/Kg	05/16/24	1:11	AK	483988
Aroclor1242	SW8082A	1	3.39	113	ND		ug/Kg	05/16/24	1:11	AK	483988
Aroclor1248	SW8082A	1	2.26	113	ND		ug/Kg	05/16/24	1:11	AK	483988
Aroclor1254	SW8082A	1	15.8	113	ND		ug/Kg	05/16/24	1:11	AK	483988
Aroclor1260	SW8082A	1	27.1	113	**257**		ug/Kg	05/16/24	1:11	AK	483988
Total PCB	SW8082A	1	27.1	113	**257**		ug/Kg	05/16/24	1:11	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**96.0**		%	05/16/24	1:11	AK	483988
DCBP (S)	SW8082A		48 - 135		**108**		%	05/16/24	1:11	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-E(2.5-3)	**Lab Sample ID:**	2405070-013A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:44		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24 6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**13.0**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.13**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-E(4.5-5)	**Lab Sample ID:**	2405070-014A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:46		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	38.5	110	ND		ug/Kg	05/16/24	1:26	AK	483988
Aroclor1221	SW8082A	1	5.50	110	ND		ug/Kg	05/16/24	1:26	AK	483988
Aroclor1232	SW8082A	1	18.7	110	ND		ug/Kg	05/16/24	1:26	AK	483988
Aroclor1242	SW8082A	1	3.30	110	ND		ug/Kg	05/16/24	1:26	AK	483988
Aroclor1248	SW8082A	1	2.20	110	ND		ug/Kg	05/16/24	1:26	AK	483988
Aroclor1254	SW8082A	1	15.4	110	ND		ug/Kg	05/16/24	1:26	AK	483988
Aroclor1260	SW8082A	1	26.4	110	ND		ug/Kg	05/16/24	1:26	AK	483988
Total PCB	SW8082A	1	26.4	110	ND		ug/Kg	05/16/24	1:26	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**99.0**		%	05/16/24	1:26	AK	483988
DCBP (S)	SW8082A		48 - 135		**111**		%	05/16/24	1:26	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	SS-2-E(4.5-5)	**Lab Sample ID:**	2405070-014A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 11:46		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24	6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**9.96**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.10**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 4:50:00PM
Prep Batch ID:	1160673	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.099	0.60	**0.11**	J	mg/Kg	05/14/24	12:13	BJAY	483993

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.060	5.95	**1.32**	J	mg/Kg	05/14/24	12:30	GS	483965
Arsenic	SW6010B	1	0.18	1.55	**5.05**		mg/Kg	05/14/24	12:30	GS	483965
Barium	SW6010B	1	0.065	5.95	**286**		mg/Kg	05/14/24	12:30	GS	483965
Beryllium	SW6010B	1	0.065	5.95	**0.536**	J	mg/Kg	05/14/24	12:30	GS	483965
Cadmium	SW6010B	1	0.12	0.893	**0.541**	J	mg/Kg	05/14/24	12:30	GS	483965
Chromium	SW6010B	1	0.089	5.95	**107**		mg/Kg	05/14/24	12:30	GS	483965
Cobalt	SW6010B	1	0.083	5.95	**15.6**		mg/Kg	05/14/24	12:30	GS	483965
Copper	SW6010B	1	0.24	5.95	**42.1**		mg/Kg	05/14/24	12:30	GS	483965
Lead	SW6010B	1	0.12	3.57	**14.2**		mg/Kg	05/14/24	12:30	GS	483965
Molybdenum	SW6010B	1	0.060	5.95	**0.803**	J	mg/Kg	05/14/24	12:30	GS	483965
Nickel	SW6010B	1	0.60	5.95	**82.1**		mg/Kg	05/14/24	12:30	GS	483965
Selenium	SW6010B	1	0.42	1.31	ND		mg/Kg	05/14/24	12:30	GS	483965
Silver	SW6010B	1	0.18	0.595	**0.184**	J	mg/Kg	05/14/24	12:30	GS	483965
Thallium	SW6010B	1	0.24	5.95	ND		mg/Kg	05/14/24	12:30	GS	483965
Vanadium	SW6010B	1	0.12	5.95	**60.1**		mg/Kg	05/14/24	12:30	GS	483965
Zinc	SW6010B	1	0.36	5.95	**73.8**		mg/Kg	05/14/24	12:30	GS	483965

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	WET/3010B	**Prep Batch Date/Time:**	5/24/24	11:00:00AM
Prep Batch ID:	1161030	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B-STLC	1	0.010	0.20	ND		mg/L	05/24/24	13:28	AT	484314

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	1311/3010A	**Prep Batch Date/Time:**	5/24/24 10:20:00AM
Prep Batch ID:	1161026	**Prep Analyst:**	KEYO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (TCLP)	SW6010B-TCLP	1	0.010	0.20	ND		mg/L	05/24/24	14:00	AT	484315

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	41.7	119	ND		ug/Kg	05/16/24	1:41	AK	483988
Aroclor1221	SW8082A	1	5.95	119	ND		ug/Kg	05/16/24	1:41	AK	483988
Aroclor1232	SW8082A	1	20.2	119	ND		ug/Kg	05/16/24	1:41	AK	483988
Aroclor1242	SW8082A	1	3.57	119	ND		ug/Kg	05/16/24	1:41	AK	483988
Aroclor1248	SW8082A	1	2.38	119	ND		ug/Kg	05/16/24	1:41	AK	483988
Aroclor1254	SW8082A	1	16.7	119	ND		ug/Kg	05/16/24	1:41	AK	483988
Aroclor1260	SW8082A	1	28.6	119	**224**		ug/Kg	05/16/24	1:41	AK	483988
Total PCB	SW8082A	1	28.6	119	**224**		ug/Kg	05/16/24	1:41	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**112**		%	05/16/24	1:41	AK	483988
DCBP (S)	SW8082A		48 - 135		**121**		%	05/16/24	1:41	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/10/24 2:57:00PM
Prep Batch ID:	1160623	**Prep Analyst:**	NDUM

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	24	ND		ug/Kg	05/13/24	19:49	MS	483989
gamma-BHC (Lindane)	SW8081B	10	1.9	24	ND		ug/Kg	05/13/24	19:49	MS	483989
beta-BHC	SW8081B	10	3.8	24	ND		ug/Kg	05/13/24	19:49	MS	483989
delta-BHC	SW8081B	10	1.8	24	ND		ug/Kg	05/13/24	19:49	MS	483989
Heptachlor	SW8081B	10	1.3	24	ND		ug/Kg	05/13/24	19:49	MS	483989
Aldrin	SW8081B	10	2.3	24	ND		ug/Kg	05/13/24	19:49	MS	483989
Heptachlor Epoxide	SW8081B	10	0.93	24	ND		ug/Kg	05/13/24	19:49	MS	483989
gamma-Chlordane	SW8081B	10	1.9	24	ND		ug/Kg	05/13/24	19:49	MS	483989
alpha-Chlordane	SW8081B	10	2.1	24	ND		ug/Kg	05/13/24	19:49	MS	483989
4,4'-DDE	SW8081B	10	2.3	24	ND		ug/Kg	05/13/24	19:49	MS	483989
Endosulfan I	SW8081B	10	2.2	24	ND		ug/Kg	05/13/24	19:49	MS	483989
Dieldrin	SW8081B	10	1.8	24	**2.17**	J	ug/Kg	05/13/24	19:49	MS	483989
Endrin	SW8081B	10	2.2	24	ND		ug/Kg	05/13/24	19:49	MS	483989
4,4'-DDD	SW8081B	10	6.7	24	ND		ug/Kg	05/13/24	19:49	MS	483989
Endosulfan II	SW8081B	10	6.9	24	ND		ug/Kg	05/13/24	19:49	MS	483989
4,4-DDT	SW8081B	10	1.5	24	ND		ug/Kg	05/13/24	19:49	MS	483989
Endrin Aldehyde	SW8081B	10	1.8	24	ND		ug/Kg	05/13/24	19:49	MS	483989
Methoxychlor	SW8081B	10	2.4	24	ND		ug/Kg	05/13/24	19:49	MS	483989
Endosulfan Sulfate	SW8081B	10	1.4	24	ND		ug/Kg	05/13/24	19:49	MS	483989
Endrin Ketone	SW8081B	10	5.2	24	ND		ug/Kg	05/13/24	19:49	MS	483989
Chlordane, Technical	SW8081B	10	25	240	ND		ug/Kg	05/13/24	19:49	MS	483989
Toxaphene	SW8081B	10	100	600	ND		ug/Kg	05/13/24	19:49	MS	483989
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**92.1**		%	05/13/24	19:49	MS	483989
Decachlorobiphenyl (S)	SW8081B		38 - 135		**91.6**		%	05/13/24	19:49	MS	483989

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24	6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**19.0**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.19**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24 3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	1	55.8	857	ND		ug/Kg	05/16/24	6:34	TA	484060
Phenol	SW8270C	1	52.1	343	ND		ug/Kg	05/16/24	6:34	TA	484060
Bis(2-chloroethyl)ether	SW8270C	1	15.8	171	ND		ug/Kg	05/16/24	6:34	TA	484060
2-Chlorophenol	SW8270C	1	56.8	343	ND		ug/Kg	05/16/24	6:34	TA	484060
1,3-Dichlorobenzene	SW8270C	1	15.6	171	ND		ug/Kg	05/16/24	6:34	TA	484060
1,4-Dichlorobenzene	SW8270C	1	17.4	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Benzyl Alcohol	SW8270C	1	24.4	343	ND		ug/Kg	05/16/24	6:34	TA	484060
1,2-Dichlorobenzene	SW8270C	1	16.1	171	ND		ug/Kg	05/16/24	6:34	TA	484060
2-Methylphenol (o-Cresol)	SW8270C	1	34.9	343	ND		ug/Kg	05/16/24	6:34	TA	484060
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	81.0	857	ND		ug/Kg	05/16/24	6:34	TA	484060
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	37.3	343	ND		ug/Kg	05/16/24	6:34	TA	484060
N-nitroso-di-n-propylamine	SW8270C	1	15.6	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Hexachloroethane	SW8270C	1	20.3	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Nitrobenzene	SW8270C	1	15.3	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Isophorone	SW8270C	1	14.5	171	ND		ug/Kg	05/16/24	6:34	TA	484060
2-Nitrophenol	SW8270C	1	30.2	343	ND		ug/Kg	05/16/24	6:34	TA	484060
2,4-Dimethylphenol	SW8270C	1	27.1	343	ND		ug/Kg	05/16/24	6:34	TA	484060
Benzoic Acid	SW8270C	1	49.6	343	ND		ug/Kg	05/16/24	6:34	TA	484060
Bis(2-Chloroethoxy)methane	SW8270C	1	11.7	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Bis(2-chloroisopropyl)ether	SW8270C	1	15.0	171	ND		ug/Kg	05/16/24	6:34	TA	484060
2,4-Dichlorophenol	SW8270C	1	46.7	343	ND		ug/Kg	05/16/24	6:34	TA	484060
1,2,4-Trichlorobenzene	SW8270C	1	14.1	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Naphthalene	SW8270C	1	12.6	171	ND		ug/Kg	05/16/24	6:34	TA	484060
2,6-Dichlorophenol	SW8270C	1	42.6	343	ND		ug/Kg	05/16/24	6:34	TA	484060
Hexachloro-1,3-butadiene	SW8270C	1	9.92	171	ND		ug/Kg	05/16/24	6:34	TA	484060
4-Chloro-3-methylphenol	SW8270C	1	40.2	343	ND		ug/Kg	05/16/24	6:34	TA	484060
2-Methylnaphthalene	SW8270C	1	12.4	171	ND		ug/Kg	05/16/24	6:34	TA	484060
1-Methylnaphthalene	SW8270C	1	14.5	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Hexachlorocyclopentadiene	SW8270C	1	15.4	171	ND		ug/Kg	05/16/24	6:34	TA	484060
2,4,6-Trichlorophenol	SW8270C	1	42.8	343	ND		ug/Kg	05/16/24	6:34	TA	484060
2,4,5-Trichlorophenol	SW8270C	1	39.7	343	ND		ug/Kg	05/16/24	6:34	TA	484060
2-Chloronaphthalene	SW8270C	1	12.6	171	ND		ug/Kg	05/16/24	6:34	TA	484060
1,4-Dinitrobenzene	SW8270C	1	12.3	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Dimethyl phthalate	SW8270C	1	16.8	857	ND		ug/Kg	05/16/24	6:34	TA	484060
1,3-Dinitrobenzene	SW8270C	1	12.4	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Acenaphthylene	SW8270C	1	9.86	171	ND		ug/Kg	05/16/24	6:34	TA	484060
2,6-Dinitrotoluene	SW8270C	1	13.5	171	ND		ug/Kg	05/16/24	6:34	TA	484060
1,2-Dinitrobenzene	SW8270C	1	18.8	171	ND		ug/Kg	05/16/24	6:34	TA	484060

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24 3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acenaphthene	SW8270C	1	12.7	171	ND		ug/Kg	05/16/24	6:34	TA	484060
2,4-Dinitrophenol	SW8270C	1	92.3	857	ND		ug/Kg	05/16/24	6:34	TA	484060
4-Nitrophenol	SW8270C	1	65.1	857	ND		ug/Kg	05/16/24	6:34	TA	484060
Dibenzofuran	SW8270C	1	13.4	171	ND		ug/Kg	05/16/24	6:34	TA	484060
2,4-Dinitrotoluene	SW8270C	1	14.4	171	ND		ug/Kg	05/16/24	6:34	TA	484060
2,3,5,6-Tetrachlorophenol	SW8270C	1	32.8	343	ND		ug/Kg	05/16/24	6:34	TA	484060
2,3,4,6-Tetrachlorophenol	SW8270C	1	37.5	343	ND		ug/Kg	05/16/24	6:34	TA	484060
Diethylphthalate	SW8270C	1	16.2	857	ND		ug/Kg	05/16/24	6:34	TA	484060
Fluorene	SW8270C	1	12.3	171	ND		ug/Kg	05/16/24	6:34	TA	484060
4-Chlorophenyl-phenylether	SW8270C	1	11.1	171	ND		ug/Kg	05/16/24	6:34	TA	484060
4,6-Dinitro-2-methylphenol	SW8270C	1	15.9	343	ND		ug/Kg	05/16/24	6:34	TA	484060
Diphenylamine	SW8270C	1	15.5	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Azobenzene	SW8270C	1	135	171	ND		ug/Kg	05/16/24	6:34	TA	484060
4-Bromophenyl-phenylether	SW8270C	1	9.79	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Hexachlorobenzene	SW8270C	1	10.3	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Pentachlorophenol	SW8270C	1	29.7	343	ND		ug/Kg	05/16/24	6:34	TA	484060
Phenanthrene	SW8270C	1	11.1	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Anthracene	SW8270C	1	10.6	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Carbazole	SW8270C	1	12.8	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Di-n-butylphthalate	SW8270C	1	16.1	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Fluoranthene	SW8270C	1	11.9	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Benzidine	SW8270C	1	175	175	ND		ug/Kg	05/16/24	6:34	TA	484060
Pyrene	SW8270C	1	14.2	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Butylbenzylphthalate	SW8270C	1	25.0	857	ND		ug/Kg	05/16/24	6:34	TA	484060
Benzo(a)anthracene	SW8270C	1	11.7	171	ND		ug/Kg	05/16/24	6:34	TA	484060
3,3-Dichlorobenzidine	SW8270C	1	140	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Chrysene	SW8270C	1	18.0	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Bis(2-Ethylhexyl)phthalate	SW8270C	1	18.2	857	ND		ug/Kg	05/16/24	6:34	TA	484060
Di-n-Octylphthalate	SW8270C	1	14.6	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Benzo(b)fluorathene	SW8270C	1	14.3	171	ND		ug/Kg	05/16/24	6:34	TA	484060
benzo(k)fluorathene	SW8270C	1	9.71	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Benzo(a)pyrene	SW8270C	1	11.7	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Indeno(1,2,3-c,d)pyrene	SW8270C	1	16.4	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Dibenzo(a,h)anthracene	SW8270C	1	15.1	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Benzo(g,h,i)perylene	SW8270C	1	19.8	171	ND		ug/Kg	05/16/24	6:34	TA	484060
Pyridine	SW8270C	1	19.8	171	ND		ug/Kg	05/16/24	6:34	TA	484060
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**49.0**		%	05/16/24	6:34	TA	484060

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24 3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Phenol-d6 (S)	SW8270C		24 - 113		**49.6**		%	05/16/24	6:34	TA	484060
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**26.6**		%	05/16/24	6:34	TA	484060
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**60.4**		%	05/16/24	6:34	TA	484060
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**54.3**		%	05/16/24	6:34	TA	484060
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**68.1**		%	05/16/24	6:34	TA	484060

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/10/24 1:36:00PM
Prep Batch ID:	1160598	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	2.0	4.8	**61.2**	x	mg/Kg	05/14/24	4:56	SN	483968
TPH as Motor Oil	SW8015B	1	7.6	24	**132**		mg/Kg	05/14/24	4:56	SN	483968
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**119**		%	05/14/24	4:56	SN	483968

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.2	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Chloromethane	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Vinyl Chloride	SW8260B	1	2.0	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Bromomethane	SW8260B	1	2.7	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Chloroethane	SW8260B	1	3.0	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Trichlorofluoromethane	SW8260B	1	2.1	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,1-Dichloroethene	SW8260B	1	2.0	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Freon 113	SW8260B	1	1.9	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Methylene Chloride	SW8260B	1	7.1	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
trans-1,2-Dichloroethene	SW8260B	1	2.1	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
MTBE	SW8260B	1	2.3	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,1-Dichloroethane	SW8260B	1	2.2	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
cis-1,2-Dichloroethene	SW8260B	1	2.2	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
2,2-Dichloropropane	SW8260B	1	1.9	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Bromochloromethane	SW8260B	1	2.3	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Chloroform	SW8260B	1	2.4	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Carbon Tetrachloride	SW8260B	1	2.0	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,1,1-Trichloroethane	SW8260B	1	2.1	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,1-Dichloropropene	SW8260B	1	2.0	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Benzene	SW8260B	1	2.2	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,2-Dichloroethane	SW8260B	1	2.3	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Trichloroethene	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Dibromomethane	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,2-Dichloropropane	SW8260B	1	1.9	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Bromodichloromethane	SW8260B	1	2.0	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
cis-1,3-Dichloropropene	SW8260B	1	1.6	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Toluene	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Tetrachloroethene	SW8260B	1	1.7	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
trans-1,3-Dichloropropene	SW8260B	1	1.6	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,1,2-Trichloroethane	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Dibromochloromethane	SW8260B	1	1.9	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,3-Dichloropropane	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,2-Dibromoethane	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Chlorobenzene	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Ethylbenzene	SW8260B	1	1.6	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
m,p-Xylene	SW8260B	1	3.2	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
o-Xylene	SW8260B	1	1.7	10.	ND		ug/Kg	05/15/24	19:14	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.6	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Bromoform	SW8260B	1	1.7	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Isopropyl Benzene	SW8260B	1	1.6	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
n-Propylbenzene	SW8260B	1	1.6	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Bromobenzene	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
2-Chlorotoluene	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,2,3-Trichloropropane	SW8260B	1	1.9	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
4-Chlorotoluene	SW8260B	1	1.6	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
tert-Butylbenzene	SW8260B	1	1.6	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
sec-Butyl Benzene	SW8260B	1	1.6	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
p-Isopropyltoluene	SW8260B	1	1.5	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,3-Dichlorobenzene	SW8260B	1	1.7	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,4-Dichlorobenzene	SW8260B	1	1.7	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
n-Butylbenzene	SW8260B	1	1.5	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,2-Dichlorobenzene	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Hexachlorobutadiene	SW8260B	1	1.4	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
Naphthalene	SW8260B	1	1.7	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10.	ND		ug/Kg	05/15/24	19:14	HV	484032
2-Butanone	SW8260B	1	2.3	9.98	ND		ug/Kg	05/15/24	19:14	HV	484032
Acetone	SW8260B	1	8.1	20.0	**17.4**	J	ug/Kg	05/15/24	19:14	HV	484032
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**75.8**		%	05/15/24	19:14	HV	484032
(S) Toluene-d8	SW8260B		55.2 - 133		**105**		%	05/15/24	19:14	HV	484032
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**83.9**		%	05/15/24	19:14	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(1.5-2)	**Lab Sample ID:**	2405070-015B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:20		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/15/24	11:32:00AM
Prep Batch ID:	1160752	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	43	100	ND		ug/Kg	05/15/24	19:14	HV	484032
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**101**		%	05/15/24	19:14	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 4:50:00PM
Prep Batch ID:	1160673	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.11	0.64	ND		mg/Kg	05/14/24	12:15	BJAY	483993

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.064	6.35	**1.48**	J	mg/Kg	05/14/24	12:32	GS	483965
Arsenic	SW6010B	1	0.19	1.65	**3.05**		mg/Kg	05/14/24	12:32	GS	483965
Barium	SW6010B	1	0.070	6.35	**170**		mg/Kg	05/14/24	12:32	GS	483965
Beryllium	SW6010B	1	0.070	6.35	**0.521**	J	mg/Kg	05/14/24	12:32	GS	483965
Cadmium	SW6010B	1	0.13	0.953	**0.273**	J	mg/Kg	05/14/24	12:32	GS	483965
Chromium	SW6010B	1	0.095	6.35	**47.2**		mg/Kg	05/14/24	12:32	GS	483965
Cobalt	SW6010B	1	0.089	6.35	**8.38**		mg/Kg	05/14/24	12:32	GS	483965
Copper	SW6010B	1	0.25	6.35	**26.7**		mg/Kg	05/14/24	12:32	GS	483965
Lead	SW6010B	1	0.13	3.81	**5.37**		mg/Kg	05/14/24	12:32	GS	483965
Molybdenum	SW6010B	1	0.064	6.35	**0.305**	J	mg/Kg	05/14/24	12:32	GS	483965
Nickel	SW6010B	1	0.64	6.35	**53.4**		mg/Kg	05/14/24	12:32	GS	483965
Selenium	SW6010B	1	0.44	1.40	**0.489**	J	mg/Kg	05/14/24	12:32	GS	483965
Silver	SW6010B	1	0.19	0.635	ND		mg/Kg	05/14/24	12:32	GS	483965
Thallium	SW6010B	1	0.25	6.35	ND		mg/Kg	05/14/24	12:32	GS	483965
Vanadium	SW6010B	1	0.13	6.35	**35.8**		mg/Kg	05/14/24	12:32	GS	483965
Zinc	SW6010B	1	0.38	6.35	**48.3**		mg/Kg	05/14/24	12:32	GS	483965

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/10/24 5:42:00PM
Prep Batch ID:	1160636	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	44.5	127	ND		ug/Kg	05/16/24	1:57	AK	483988
Aroclor1221	SW8082A	1	6.35	127	ND		ug/Kg	05/16/24	1:57	AK	483988
Aroclor1232	SW8082A	1	21.6	127	ND		ug/Kg	05/16/24	1:57	AK	483988
Aroclor1242	SW8082A	1	3.81	127	ND		ug/Kg	05/16/24	1:57	AK	483988
Aroclor1248	SW8082A	1	2.54	127	ND		ug/Kg	05/16/24	1:57	AK	483988
Aroclor1254	SW8082A	1	17.8	127	ND		ug/Kg	05/16/24	1:57	AK	483988
Aroclor1260	SW8082A	1	30.5	127	ND		ug/Kg	05/16/24	1:57	AK	483988
Total PCB	SW8082A	1	30.5	127	ND		ug/Kg	05/16/24	1:57	AK	483988
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**101**		%	05/16/24	1:57	AK	483988
DCBP (S)	SW8082A		48 - 135		**110**		%	05/16/24	1:57	AK	483988

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/10/24 2:57:00PM
Prep Batch ID:	1160623	**Prep Analyst:**	NDUM

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	1	0.16	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
gamma-BHC (Lindane)	SW8081B	1	0.20	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
beta-BHC	SW8081B	1	0.40	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
delta-BHC	SW8081B	1	0.20	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Heptachlor	SW8081B	1	0.13	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Aldrin	SW8081B	1	0.25	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Heptachlor Epoxide	SW8081B	1	0.099	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
gamma-Chlordane	SW8081B	1	0.21	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
alpha-Chlordane	SW8081B	1	0.22	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
4,4'-DDE	SW8081B	1	0.25	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Endosulfan I	SW8081B	1	0.23	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Dieldrin	SW8081B	1	0.19	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Endrin	SW8081B	1	0.24	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
4,4'-DDD	SW8081B	1	0.72	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Endosulfan II	SW8081B	1	0.73	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
4,4-DDT	SW8081B	1	0.16	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Endrin Aldehyde	SW8081B	1	0.19	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Methoxychlor	SW8081B	1	0.25	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Endosulfan Sulfate	SW8081B	1	0.15	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Endrin Ketone	SW8081B	1	0.55	2.5	ND		ug/Kg	05/13/24	20:02	MS	483989
Chlordane, Technical	SW8081B	1	2.7	25	ND		ug/Kg	05/13/24	20:02	MS	483989
Toxaphene	SW8081B	1	11	64	ND		ug/Kg	05/13/24	20:02	MS	483989
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**87.6**		%	05/13/24	20:02	MS	483989
Decachlorobiphenyl (S)	SW8081B		38 - 135		**96.6**		%	05/13/24	20:02	MS	483989

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/13/24	6:00:00PM
Prep Batch ID:	1160716	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**26.9**		%	05/14/24	12:00	KY	483987
Dry Weight Factor	D2216	1	1	1	**1.27**		-	05/14/24	12:00	KY	483987

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24 3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	1	59.5	914	ND		ug/Kg	05/16/24	7:03	TA	484060
Phenol	SW8270C	1	55.6	366	ND		ug/Kg	05/16/24	7:03	TA	484060
Bis(2-chloroethyl)ether	SW8270C	1	16.9	183	ND		ug/Kg	05/16/24	7:03	TA	484060
2-Chlorophenol	SW8270C	1	60.6	366	ND		ug/Kg	05/16/24	7:03	TA	484060
1,3-Dichlorobenzene	SW8270C	1	16.7	183	ND		ug/Kg	05/16/24	7:03	TA	484060
1,4-Dichlorobenzene	SW8270C	1	18.6	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Benzyl Alcohol	SW8270C	1	26.0	366	ND		ug/Kg	05/16/24	7:03	TA	484060
1,2-Dichlorobenzene	SW8270C	1	17.2	183	ND		ug/Kg	05/16/24	7:03	TA	484060
2-Methylphenol (o-Cresol)	SW8270C	1	37.3	366	ND		ug/Kg	05/16/24	7:03	TA	484060
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	86.4	914	ND		ug/Kg	05/16/24	7:03	TA	484060
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	39.8	366	ND		ug/Kg	05/16/24	7:03	TA	484060
N-nitroso-di-n-propylamine	SW8270C	1	16.7	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Hexachloroethane	SW8270C	1	21.7	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Nitrobenzene	SW8270C	1	16.3	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Isophorone	SW8270C	1	15.5	183	ND		ug/Kg	05/16/24	7:03	TA	484060
2-Nitrophenol	SW8270C	1	32.2	366	ND		ug/Kg	05/16/24	7:03	TA	484060
2,4-Dimethylphenol	SW8270C	1	29.0	366	ND		ug/Kg	05/16/24	7:03	TA	484060
Benzoic Acid	SW8270C	1	53.0	366	ND		ug/Kg	05/16/24	7:03	TA	484060
Bis(2-Chloroethoxy)methane	SW8270C	1	12.4	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Bis(2-chloroisopropyl)ether	SW8270C	1	16.0	183	ND		ug/Kg	05/16/24	7:03	TA	484060
2,4-Dichlorophenol	SW8270C	1	49.9	366	ND		ug/Kg	05/16/24	7:03	TA	484060
1,2,4-Trichlorobenzene	SW8270C	1	15.0	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Naphthalene	SW8270C	1	13.4	183	ND		ug/Kg	05/16/24	7:03	TA	484060
2,6-Dichlorophenol	SW8270C	1	45.5	366	ND		ug/Kg	05/16/24	7:03	TA	484060
Hexachloro-1,3-butadiene	SW8270C	1	10.6	183	ND		ug/Kg	05/16/24	7:03	TA	484060
4-Chloro-3-methylphenol	SW8270C	1	42.9	366	ND		ug/Kg	05/16/24	7:03	TA	484060
2-Methylnaphthalene	SW8270C	1	13.3	183	ND		ug/Kg	05/16/24	7:03	TA	484060
1-Methylnaphthalene	SW8270C	1	15.5	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Hexachlorocyclopentadiene	SW8270C	1	16.4	183	ND		ug/Kg	05/16/24	7:03	TA	484060
2,4,6-Trichlorophenol	SW8270C	1	45.7	366	ND		ug/Kg	05/16/24	7:03	TA	484060
2,4,5-Trichlorophenol	SW8270C	1	42.4	366	ND		ug/Kg	05/16/24	7:03	TA	484060
2-Chloronaphthalene	SW8270C	1	13.5	183	ND		ug/Kg	05/16/24	7:03	TA	484060
1,4-Dinitrobenzene	SW8270C	1	13.1	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Dimethyl phthalate	SW8270C	1	18.0	914	ND		ug/Kg	05/16/24	7:03	TA	484060
1,3-Dinitrobenzene	SW8270C	1	13.2	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Acenaphthylene	SW8270C	1	10.5	183	ND		ug/Kg	05/16/24	7:03	TA	484060
2,6-Dinitrotoluene	SW8270C	1	14.4	183	ND		ug/Kg	05/16/24	7:03	TA	484060
1,2-Dinitrobenzene	SW8270C	1	20.0	183	ND		ug/Kg	05/16/24	7:03	TA	484060

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24 3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acenaphthene	SW8270C	1	13.5	183	ND		ug/Kg	05/16/24	7:03	TA	484060
2,4-Dinitrophenol	SW8270C	1	98.5	914	ND		ug/Kg	05/16/24	7:03	TA	484060
4-Nitrophenol	SW8270C	1	69.5	914	ND		ug/Kg	05/16/24	7:03	TA	484060
Dibenzofuran	SW8270C	1	14.3	183	ND		ug/Kg	05/16/24	7:03	TA	484060
2,4-Dinitrotoluene	SW8270C	1	15.4	183	ND		ug/Kg	05/16/24	7:03	TA	484060
2,3,5,6-Tetrachlorophenol	SW8270C	1	35.0	366	ND		ug/Kg	05/16/24	7:03	TA	484060
2,3,4,6-Tetrachlorophenol	SW8270C	1	40.0	366	ND		ug/Kg	05/16/24	7:03	TA	484060
Diethylphthalate	SW8270C	1	17.3	914	ND		ug/Kg	05/16/24	7:03	TA	484060
Fluorene	SW8270C	1	13.1	183	ND		ug/Kg	05/16/24	7:03	TA	484060
4-Chlorophenyl-phenylether	SW8270C	1	11.8	183	ND		ug/Kg	05/16/24	7:03	TA	484060
4,6-Dinitro-2-methylphenol	SW8270C	1	17.0	366	ND		ug/Kg	05/16/24	7:03	TA	484060
Diphenylamine	SW8270C	1	16.6	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Azobenzene	SW8270C	1	144	183	ND		ug/Kg	05/16/24	7:03	TA	484060
4-Bromophenyl-phenylether	SW8270C	1	10.4	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Hexachlorobenzene	SW8270C	1	11.0	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Pentachlorophenol	SW8270C	1	31.7	366	ND		ug/Kg	05/16/24	7:03	TA	484060
Phenanthrene	SW8270C	1	11.8	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Anthracene	SW8270C	1	11.3	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Carbazole	SW8270C	1	13.6	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Di-n-butylphthalate	SW8270C	1	17.1	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Fluoranthene	SW8270C	1	12.7	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Benzidine	SW8270C	1	187	187	ND		ug/Kg	05/16/24	7:03	TA	484060
Pyrene	SW8270C	1	15.2	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Butylbenzylphthalate	SW8270C	1	26.7	914	ND		ug/Kg	05/16/24	7:03	TA	484060
Benzo(a)anthracene	SW8270C	1	12.5	183	ND		ug/Kg	05/16/24	7:03	TA	484060
3,3-Dichlorobenzidine	SW8270C	1	149	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Chrysene	SW8270C	1	19.3	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Bis(2-Ethylhexyl)phthalate	SW8270C	1	19.5	914	ND		ug/Kg	05/16/24	7:03	TA	484060
Di-n-Octylphthalate	SW8270C	1	15.6	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Benzo(b)fluorathene	SW8270C	1	15.3	183	ND		ug/Kg	05/16/24	7:03	TA	484060
benzo(k)fluorathene	SW8270C	1	10.4	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Benzo(a)pyrene	SW8270C	1	12.4	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Indeno(1,2,3-c,d)pyrene	SW8270C	1	17.5	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Dibenzo(a,h)anthracene	SW8270C	1	16.1	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Benzo(g,h,i)perylene	SW8270C	1	21.2	183	ND		ug/Kg	05/16/24	7:03	TA	484060
Pyridine	SW8270C	1	21.2	183	ND		ug/Kg	05/16/24	7:03	TA	484060
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**48.7**		%	05/16/24	7:03	TA	484060

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/15/24	3:10:00PM
Prep Batch ID:	1160709	**Prep Analyst:**	NDUM	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Phenol-d6 (S)	SW8270C		24 - 113		**54.8**		%	05/16/24	7:03	TA	484060
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**21.1**		%	05/16/24	7:03	TA	484060
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**71.3**		%	05/16/24	7:03	TA	484060
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**61.6**		%	05/16/24	7:03	TA	484060
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**77.6**		%	05/16/24	7:03	TA	484060

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/10/24 1:36:00PM
Prep Batch ID:	1160598	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.1	2.5	**11.9**	x	mg/Kg	05/14/24	5:21	SN	483968
TPH as Motor Oil	SW8015B	1	4.0	13	**21.0**		mg/Kg	05/14/24	5:21	SN	483968
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**99.7**		%	05/14/24	5:21	SN	483968

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Chloroethane	SW8260B	1	3.4	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,1-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Methylene Chloride	SW8260B	1	8.0	11	ND		ug/Kg	05/15/24	19:43	HV	484032
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	05/15/24	19:43	HV	484032
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,1-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	05/15/24	19:43	HV	484032
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	05/15/24	19:43	HV	484032
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Trichloroethene	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Dibromomethane	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	05/15/24	19:43	HV	484032
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Tetrachloroethene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	19:43	HV	484032
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,1,2-Trichloroethane	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,3-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,1,1,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	05/15/24	19:43	HV	484032
m,p-Xylene	SW8260B	1	3.5	11	ND		ug/Kg	05/15/24	19:43	HV	484032
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	19:43	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Bromoform	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	19:43	HV	484032
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Bromobenzene	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,1,2,2-Tetrachloroethane	SW8260B	1	2.2	11	ND		ug/Kg	05/15/24	19:43	HV	484032
2-Chlorotoluene	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,3,5-Trimethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	19:43	HV	484032
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	19:43	HV	484032
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	05/15/24	19:43	HV	484032
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	19:43	HV	484032
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,3-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	19:43	HV	484032
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,2,4-Trichlorobenzene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	19:43	HV	484032
Naphthalene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	19:43	HV	484032
1,2,3-Trichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	19:43	HV	484032
2-Butanone	SW8260B	1	2.6	11.2	ND		ug/Kg	05/15/24	19:43	HV	484032
Acetone	SW8260B	1	9.1	22.4	ND		ug/Kg	05/15/24	19:43	HV	484032
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**75.2**		%	05/15/24	19:43	HV	484032
(S) Toluene-d8	SW8260B		55.2 - 133		**108**		%	05/15/24	19:43	HV	484032
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**82.4**		%	05/15/24	19:43	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/09/24, 5:52 pm
Date Reported: 05/17/24

Client Sample ID:	GW-3(5-5.5)	**Lab Sample ID:**	2405070-016B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/09/24 / 16:22		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/15/24	11:32:00AM
Prep Batch ID:	1160752	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	48	110	ND		ug/Kg	05/15/24	19:43	HV	484032
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**76.9**		%	05/15/24	19:43	HV	484032

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405070	**Prep Method:**	3546_TPH	**Prep Date:**	05/10/24	**Prep Batch:**	1160598
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483917
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.66	2.0	0.820	
TPH as Motor Oil	0.76	5.0	1.38	
Pentacosane (S)			107	

Work Order:	2405070	**Prep Method:**	3546_OCP	**Prep Date:**	05/10/24	**Prep Batch:**	1160623
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483907
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	2.7	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			80.1	
Decachlorobiphenyl (S)			91.2	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405070	**Prep Method:**	3546_PCB	**Prep Date:**	05/10/24	**Prep Batch:**	1160636
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	483988
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Aroclor1016	35.0	100	ND	
Aroclor1221	5.00	100	ND	
Aroclor1232	17.0	100	ND	
Aroclor1242	3.00	100	ND	
Aroclor1248	2.00	100	ND	
Aroclor1254	14.0	100	ND	
Aroclor1260	24.0	100	ND	
TCMX (S)			109	
DCBP (S)			119	

Work Order:	2405070	**Prep Method:**	3050B	**Prep Date:**	05/13/24	**Prep Batch:**	1160672
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483965
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	ND	
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	0.070	J
Beryllium	0.055	5.00	ND	
Cadmium	0.10	0.750	ND	
Chromium	0.075	5.00	0.080	J
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	1.30	ND	
Molybdenum	0.050	5.00	0.075	J
Nickel	0.50	5.00	ND	
Selenium	0.35	1.10	ND	
Silver	0.15	0.500	ND	
Thallium	0.20	5.00	ND	
Vanadium	0.10	5.00	ND	
Zinc	0.30	5.00	ND	

Work Order:	2405070	**Prep Method:**	7471BP	**Prep Date:**	05/13/24	**Prep Batch:**	1160673
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483993
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.083	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405070	**Prep Method:**	3546_BNA	**Prep Date:**	05/15/24	**Prep Batch:**	1160709
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484060
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
N-Nitrosodimethylamine	46.9	720	ND		
Phenol	43.8	288	ND		
Bis(2-chloroethyl)ether	13.3	144	ND		
2-Chlorophenol	47.7	288	ND		
1,3-Dichlorobenzene	13.1	144	ND		
1,4-Dichlorobenzene	14.6	144	ND		
Benzyl Alcohol	20.5	288	ND		
1,2-Dichlorobenzene	13.5	144	ND		
2-Methylphenol (o-Cresol)	29.3	288	ND		
N-Methyl-2-Pyrrolidone (NMP)	68.0	720	ND		
	12.6	144	ND		
3-/4-Methylphenol (p-/m-Cresol)	31.3	288	ND		
N-nitroso-di-n-propylamine	13.2	144	ND		
Hexachloroethane	17.1	144	ND		
Nitrobenzene	12.8	144	ND		
Isophorone	12.2	144	ND		
2-Nitrophenol	25.4	288	ND		
2,4-Dimethylphenol	22.8	288	ND		
Benzoic Acid	41.7	288	ND		
Bis(2-Chloroethoxy)methane	9.79	144	ND		
Bis(2-chloroisopropyl)ether	12.6	144	ND		
2,4-Dichlorophenol	39.3	288	ND		
1,2,4-Trichlorobenzene	11.8	144	ND		
Naphthalene	10.6	144	ND		
2,6-Dichlorophenol	35.8	288	ND		
Hexachloro-1,3-butadiene	8.34	144	ND		
4-Chloro-3-methylphenol	33.8	288	ND		
2-Methylnaphthalene	10.4	144	ND		
1-Methylnaphthalene	12.2	144	ND		
Hexachlorocyclopentadiene	12.9	144	ND		
2,4,6-Trichlorophenol	35.9	288	ND		
2,4,5-Trichlorophenol	33.4	288	ND		
2-Chloronaphthalene	10.6	144	ND		
1,4-Dinitrobenzene	10.3	144	ND		
Dimethyl phthalate	14.2	720	ND		
1,3-Dinitrobenzene	10.4	144	ND		
Acenaphthylene	8.28	144	ND		
2,6-Dinitrotoluene	11.3	144	ND		
1,2-Dinitrobenzene	15.8	144	ND		
Acenaphthene	10.7	144	ND		
2,4-Dinitrophenol	77.6	720	ND		
4-Nitrophenol	54.7	720	ND		
Dibenzofuran	11.2	144	ND		
2,4-Dinitrotoluene	12.1	144	ND		
2,3,5,6-Tetrachlorophenol	27.6	288	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405070	**Prep Method:**	3546_BNA	**Prep Date:**	05/15/24	**Prep Batch:**	1160709
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484060
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
2,3,4,6-Tetrachlorophenol	31.5	288	ND	
Diethylphthalate	13.6	720	ND	
Fluorene	10.3	144	ND	
4-Chlorophenyl-phenylether	9.32	144	ND	
4,6-Dinitro-2-methylphenol	13.4	288	ND	
Diphenylamine	13.0	144	ND	
Azobenzene	114	144	ND	
4-Bromophenyl-phenylether	8.23	144	ND	
Hexachlorobenzene	8.66	144	ND	
Pentachlorophenol	25.0	288	ND	
Phenanthrene	9.32	144	ND	
Anthracene	8.91	144	ND	
Carbazole	10.7	144	ND	
Di-n-butylphthalate	13.5	144	ND	
Fluoranthene	10.0	147	ND	
Benzidine	147	144	ND	
Pyrene	12.0	144	ND	
Butylbenzylphthalate	21.0	720	ND	
Benzo(a)anthracene	9.80	144	ND	
3,3-Dichlorobenzidine	118	144	ND	
Chrysene	15.2	144	ND	
Bis(2-Ethylhexyl)phthalate	15.3	720	ND	
Di-n-Octylphthalate	12.3	144	ND	
Benzo(b)fluorathene	12.0	144	ND	
benzo(k)fluorathene	8.16	144	ND	
Benzo(a)pyrene	9.80	144	ND	
Indeno(1,2,3-c,d)pyrene	13.8	144	ND	
Dibenzo(a,h)anthracene	12.7	144	ND	
Benzo(g,h,i)perylene	12.7	144	ND	
Pyridine	43.8	720	ND	
2-Fluorophenol (S)			58.7	
Phenol-d6 (S)			61.0	
2,4,6-Tribromophenol (S)			48.9	
2-Fluorobiphenyl (S)			68.7	
Nitrobenzene-d5 (S)			61.8	
p-Terphenyl-d14 (S)			70.0	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405070	**Prep Method:**	% Water-P	**Prep Date:**	05/13/24	**Prep Batch:**	1160716
Matrix:	Soil	**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483987
Units:	%						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405070	**Prep Method:**	5035	**Prep Date:**	05/15/24	**Prep Batch:**	1160751
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484032
Units:	ug/Kg						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405070	**Prep Method:**	5035	**Prep Date:**	05/15/24	**Prep Batch:**	1160751
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484032
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
MIBK	2.0	20	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			83.5	
(S) Toluene-d8			93.9	
(S) 4-Bromofluorobenzene			88.5	

Work Order:	2405070	**Prep Method:**	5035GRO	**Prep Date:**	05/15/24	**Prep Batch:**	1160752
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484032
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			118	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405070	**Prep Method:**	1311/3010A	**Prep Date:**	05/24/24	**Prep Batch:**	1161026
Matrix:	Soil	**Analytical Method:**	SW6010B-TCLP	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484315
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Arsenic (TCLP)	0.40	0.20	ND	
Chromium (TCLP)	0.010	0.20	ND	

Work Order:	2405070	**Prep Method:**	WET/3010B	**Prep Date:**	05/24/24	**Prep Batch:**	1161030
Matrix:	Soil	**Analytical Method:**	SW6010B-STLC	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484314
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Arsenic (STLC)	0.40	0.40	ND	
Chromium (STLC)	0.010	0.20	0.016	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405070	**Prep Method:**	3546_TPH	**Prep Date:**	05/10/24	**Prep Batch:**	1160598
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483917
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.66	2.0	0.820	25.0	84.0	85.1	1.42	52 - 115	30	
Pentacosane (S)				200	106	106		45 - 130		

Work Order:	2405070	**Prep Method:**	3546_OCP	**Prep Date:**	05/10/24	**Prep Batch:**	1160623
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483907
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	83.7	84.3	0.595	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	89.4	89.8	0.279	40 - 130	30	
Aldrin	0.20	2.0	ND	40	97.8	97.8	0.000	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	92.7	92.0	0.812	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	88.1	83.8	4.95	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	88.3	86.4	2.00	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	84.3	83.6		48 - 125		
Decachlorobiphenyl (S)				100	97.9	95.6		38 - 135		

Work Order:	2405070	**Prep Method:**	3546_PCB	**Prep Date:**	05/10/24	**Prep Batch:**	1160636
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	483988
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53	100	ND	600	90.8	91.3	0.549	25 - 145	30	
Aroclor1260	36	100	ND	600	67.3	69.5	3.17	30 - 145	30	
TCMX (S)				0.10	104	102		48 - 125		
DCBP (S)				0.10	107	114		48 - 135		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405070	**Prep Method:**	3050B	**Prep Date:**	05/13/24	**Prep Batch:**	1160672
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483965
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	97.9	101	3.02	80 - 120	30	
Arsenic	0.15	1.30	ND	50	97.5	99.7	2.23	80 - 120	30	
Barium	0.055	5.00	0.070	50	102	104	1.94	80 - 120	30	
Beryllium	0.055	5.00	ND	50	101	103	1.96	80 - 120	30	
Cadmium	0.10	0.750	ND	50	98.8	101	2.20	80 - 120	30	
Chromium	0.075	5.00	0.080	50	101	103	1.96	80 - 120	30	
Cobalt	0.070	5.00	ND	50	100	102	1.98	80 - 120	30	
Copper	0.20	5.00	ND	50	103	105	1.92	80 - 120	30	
Lead	0.10	3.00	ND	50	99.9	102	1.98	80 - 120	30	
Molybdenum	0.050	5.00	0.075	50	100	103	2.96	80 - 120	30	
Nickel	0.50	5.00	ND	50	100	102	1.98	80 - 120	30	
Selenium	0.22	5.00	ND	50	92.2	93.8	1.72	80 - 120	30	
Silver	0.15	1.00	ND	50	98.8	101	2.20	80 - 120	30	
Thallium	0.20	5.00	ND	50	99.9	102	1.98	80 - 120	30	
Vanadium	0.10	5.00	ND	50	101	103	1.96	80 - 120	30	
Zinc	0.30	5.00	ND	50	98.4	100	1.61	80 - 120	30	

Work Order:	2405070	**Prep Method:**	7471BP	**Prep Date:**	05/13/24	**Prep Batch:**	1160673
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483993
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	108	110	1.47	80 - 120	20	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405070	**Prep Method:**	3546_BNA	**Prep Date:**	05/15/24	**Prep Batch:**	1160709
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484060
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	43.8	288	ND	1200	58.0	55.0	5.31	40 - 100	30	
2-Chlorophenol	47.7	288	ND	1200	60.2	58.4	3.09	45 - 105	30	
Bis(2-chloroethyl)ether	14.6	144	ND	400	63.0	60.2	4.46	35 - 105	30	
N-nitroso-di-n-propylamine	13.2	144	ND	400	52.2	50.5	3.41	40 - 115	30	
1,2,4-Trichlorobenzene	11.8	144	ND	400	60.8	59.8	1.66	45 - 110	30	
1,4-Dichlorobenzene	33.8	288	ND	1200	62.4	62.3	0.134	45 - 110	30	
Acenaphthene	10.7	144	ND	400	61.0	59.0	3.33	45 - 110	30	
4-Nitrophenol	54.7	720	ND	1200	47.0	49.0	4.00	15 - 140	30	
2,4-Dinitrotoluene	12.1	144	ND	400	67.6	70.7	4.70	50 - 115	30	
N-Methyl-2-Pyrrolidone (NMP)	12.0	144	ND	1200	48.9	49.1	0.340	25 - 120	30	
Pyrene	12.0	144	ND	400	98.7	96.2	2.56	45 - 145	30	
2-Fluorophenol (S)				11100	61.0	59.0		25 - 121		
Phenol-d6 (S)				11100	65.3	63.2		24 - 113		
2,4,6-Tribromophenol (S)				11100	49.2	49.0		19 - 122		
2-Fluorobiphenyl (S)				5560	68.6	67.3		30 - 143		
Nitrobenzene-d5 (S)				5560	60.4	61.6		23 - 120		
p-Terphenyl-d14 (S)				5560	67.2	64.2		18 - 137		

Work Order:	2405070	**Prep Method:**	5035	**Prep Date:**	05/15/24	**Prep Batch:**	1160751
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484032
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	102	103	1.37	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	113	114	0.530	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	111	115	3.54	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	112	116	4.03	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	109	111	2.19	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	99.0	112		59.8 - 148		
(S) Toluene-d8				50.0	109	112		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	106	106		55.8 - 141		

Work Order:	2405070	**Prep Method:**	5035GRO	**Prep Date:**	05/15/24	**Prep Batch:**	1160752
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484032
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	ND	1000	112	103	8.37	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	123	119		43.9 - 127		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405070	**Prep Method:**	1311/3010A	**Prep Date:**	05/24/24	**Prep Batch:**	1161026
Matrix:	Soil	**Analytical Method:**	SW6010B-TCLP	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484315
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Arsenic (TCLP)	0.20	0.40	ND	10	97.1	98.9	1.84	80 - 120	20	
Chromium (TCLP)	0.010	0.20	ND	10	95.5	97.4	1.97	80 - 120	20	

Work Order:	2405070	**Prep Method:**	WET/3010B	**Prep Date:**	05/24/24	**Prep Batch:**	1161030
Matrix:	Soil	**Analytical Method:**	SW6010B-STLC	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484314
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Arsenic (STLC)	0.20	0.40	ND	10	102	97.5	4.51	80 - 120	20	
Chromium (STLC)	0.010	0.20	0.016	10	97.9	93.9	4.17	80 - 120	20	

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405070	**Prep Method:**	3546_PCB	**Prep Date:**	05/10/24	**Prep Batch:**	1160636
Matrix:	**Soil**	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	483988
Spiked Sample:	2405070-014A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53.0	100	ND	600	107	101	5.28	25 - 145	30	
Aroclor1260	36.0	100	ND	600	84.2	78.3	7.18	30 - 145	30	
TCMX (S)				0.10	108	103		48 - 125		
DCBP (S)				0.10	118	111		48 - 135		

Work Order:	2405070	**Prep Method:**	1311/3010A	**Prep Date:**	05/24/24	**Prep Batch:**	1161026
Matrix:	**Soil**	**Analytical Method:**	SW6010B-TCLP	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484315
Spiked Sample:	2405070-015A						
Units:	mg/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (TCLP)	0.0100	0.200	ND	10	98.1	98.0	0.102	75 - 125	20	

Torrent LABORATORY, INC.

Duplicate QC Summary Report

Work Order:	2405070	**Prep Method:**	% Water-P	**Prep Date:**	5/13/2024	**Prep Batch:**	1160716
Matrix:		**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	05/14/24	**Analytical Batch:**	483987
Units:						**Lab Sample ID:**	2405070-016A-DUP-1160716

Parameters	MDL	PQL	Sample Result	Duplicate Result	% RPD	
Moisture, Percent	0.050	0.0500	26.9	26.8	0.37	

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: Bixby University Station

Work Order No.: 2405070

Date and Time Received: 5/9/2024 5:52:00PM

Received By: cm

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?	Yes	Temperature:	6.0	°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:

Login Summary Report

Client ID:	TL5119	Cornerstone Earth Group		**QC Level:**	II
Project Name:	Bixby University Station			**TAT Requested:**	5+ day:5
Project # :	285-2-3			**Date Received:**	5/9/2024
Report Due Date:	5/29/2024			**Time Received:**	5:52 pm

Comments:

Work Order # : ***2405070***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2405070-001A	GW-1(1-1.5)	05/09/24 9:20	Soil	11/05/24			Hg_S_7471B Dry Wt Pest_S_8081 DryWt PMOIST PCBs_S_8082A_Dry Wt TPHDO_S_8015B DryWt EDD Met_S_6010CAM17 DryW SVO_S_8270C DryWt	
Sample Note:	Pls report to MDL.							
2405070-001B	GW-1(1-1.5)	05/09/24 9:20	Soil	11/05/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
Sample Note:	Encores. Pls report to MDL							
2405070-002A	GW-1(6-6.5)	05/09/24 9:22	Soil	11/05/24			Hg_S_7471B Dry Wt Pest_S_8081 DryWt PMOIST PCBs_S_8082A_Dry Wt TPHDO_S_8015B DryWt Met_S_6010CAM17 DryW SVO_S_8270C DryWt	
2405070-002B	GW-1(6-6.5)	05/09/24 9:22	Soil	11/05/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
2405070-003A	SS-2-N(0.5-1)	05/09/24 11:24	Soil	11/05/24			PMOIST PCBs_S_8082A_Dry Wt	
2405070-004A	SS-2-N(2.5-3)	05/09/24 11:26	Soil	11/05/24			PMOIST	

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5119 Cornerstone Earth Group
Project Name: Bixby University Station
Project # : 285-2-3
Report Due Date: 5/29/2024
Comments:
Work Order # : ***2405070***

QC Level: II
TAT Requested: 5+ day:5
Date Received: 5/9/2024
Time Received: 5:52 pm

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2405070-005A	SS-2-N(4.5-5)	05/09/24 11:28	Soil	11/05/24			PCBs_S_8082A_Dry Wt PMOIST	
2405070-006A	SS-2-S(0.5-1)	05/09/24 11:30	Soil	11/05/24			PCBs_S_8082A_Dry Wt PMOIST	
2405070-007A	SS-2-S(2.5-3)	05/09/24 11:32	Soil	11/05/24			PCBs_S_8082A_Dry Wt PMOIST	
2405070-008A	SS-2-S(4.5-5)	05/09/24 11:34	Soil	11/05/24			PCBs_S_8082A_Dry Wt PMOIST	
2405070-009A	SS-2-W(0.5-1)	05/09/24 11:36	Soil	11/05/24			PCBs_S_8082A_Dry Wt PMOIST	
2405070-010A	SS-2-W(2.5-3)	05/09/24 11:38	Soil	11/05/24			PCBs_S_8082A_Dry Wt PMOIST	
2405070-011A	SS-2-W(4.5-5)	05/09/24 11:40	Soil	11/05/24			PCBs_S_8082A_Dry Wt PMOIST	
2405070-012A	SS-2-E(0.5-1)	05/09/24 11:42	Soil	11/05/24			PCBs_S_8082A_Dry Wt PMOIST	
2405070-013A	SS-2-E(2.5-3)	05/09/24 11:44	Soil	11/05/24			PCBs_S_8082A_Dry Wt PMOIST	
2405070-014A	SS-2-E(4.5-5)	05/09/24 11:46	Soil	11/05/24			PCBs_S_8082A_Dry Wt PMOIST	
2405070-015A	GW-3(1.5-2)	05/09/24 16:20	Soil	11/05/24			PCBs_S_8082A_Dry Wt	

Login Summary Report

Client ID: TL5119 Cornerstone Earth Group
Project Name: Bixby University Station
Project # : 285-2-3
Report Due Date: 5/29/2024

QC Level: II
TAT Requested: 5+ day:5
Date Received: 5/9/2024
Time Received: 5:52 pm

Comments:

Work Order # : ***2405070***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2405070-015B	GW-3(1.5-2)	05/09/24 16:20	Soil	11/05/24			Hg_S_7471B Dry Wt Met_S_CAM17TCLP Met_S_CAM17STLC SVO_S_8270C DryWt Met_S_6010CAM17 DryW TPHDO_S_8015B DryWt PCBs_S_8082A_Dry Wt PMOIST Pest_S_8081 DryWt	
2405070-016A	GW-3(5-5.5)	05/09/24 16:22	Soil	11/05/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
2405070-016B	GW-3(5-5.5)	05/09/24 16:22	Soil	11/05/24			Hg_S_7471B Dry Wt PMOIST PCBs_S_8082A_Dry Wt TPHDO_S_8015B DryWt Met_S_6010CAM17 DryW SVO_S_8270C DryWt Pest_S_8081 DryWt	
							PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	

Torrent LABORATORY, INC.

CORNERSTONE EARTH GROUP

Chain of Custody Record

2405070

Cornerstone Earth Group, Inc.	Project Manager: Peter Langtry	Site Sampler: HCG	Lab: Torrent	COC No: 1 Date: 5/9/24
	Phone: 825-817-8814	Phone: (408) 781-2425	Lab Contact: Kathie Evans	COC Page 1 of 2
1259 Oakmead Parkway	Analysis Turnaround Time:	Lab EDD Required: Cornerstone EDD		Laboratory's Job No.
Sunnyvale, CA 94085	1 WEEK ◉	Reporting Limits:		
Phone: (408)-245-4600	3 DAY ○	Tier 1 ESLs		
	2 DAY ○	Report to MDLs		
Project Name: Bixby University Station	1 DAY ○			
Site: 451-475 El Camino Real	OTHER:			
Project Number: 285-2-3				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs & TPH-g 8260B	SVOCs 8270C	TPH-d/o 8015B	OCPs 8081A	PCBs 8082	CAM 17 Metals 6010B/7471	STLC	TCLP	Laboratory's Sample Specific Notes:
GW-1 (1-1.5)	5/9/24	0920	liner/CNO	soil	4		X	X	X	X	X	X			-001A/B
GW-1 (6-6.5)		0922	↓	↓	4		X	X	X	X	X	X			-002A/B
SS-2-N (0.5-1)		1124	liner		1						X				-003A
SS-2-N (2.5-3)		1126									X				-004A
SS-2-N (4.5-5)		1128									X				-005A
SS-2-S (0.5-1)		1130									X				-006A
SS-2-S (2.5-3)		1132									X				-007A
SS-2-S (4.5-5)		1134									X				-008A
SS-2-W (0.5-1)		1136									X				-009A
SS-2-W (2.5-3)		1138									X				-010A
SS-2-W (4.5-5)		1140									X				-011A
SS-2-E (0.5-1)		1142									X				-012A
SS-2-E (2.5-3)		1144									X				-013A
SS-2-E (4.5-5)	↓	1146	↓	↓	↓						X				-014A

Special Instructions/QC Requirements & Comments: REPORT ON A DRY-WEIGHT BASIS.

Adjust TAT for soluble analyses to report results with other analytes. Please provide EDD at same time as PDF report.
Freeze CNOs/Terra Cores placed on hold. D/O 6.2#3

Send results to:
hguckes@cornerstoneearth.com
plangtry@cornerstoneearth.com

Address invoice to:
accounting@cornerstoneearth.com
plangtry@cornerstoneearth.com

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Cornerstone Earth Group	5/9/24 1750	Claudia Moreno	Torrent	5/9/24 17:52
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Torrent LABORATORY, INC.

CORNERSTONE EARTH GROUP

Chain of Custody Record

2405070

Cornerstone Earth Group, Inc.	**Project Manager:** Peter Langtry	**Site Sampler:** HCG	**Lab:** Torrent	**COC No:** 1	**Date:** 5/9/24
	Phone: 825-817-8814	**Phone:** (408) 781-2425	**Lab Contact:** Kathie Evans	**COC Page** 1 of 2	
1259 Oakmead Parkway	**Analysis Turnaround Time:**	**Lab EDD Required:** Cornerstone EDD			**Laboratory's Job No.**
Sunnyvale, CA 94085	1 WEEK ◉	**Reporting Limits:**			
Phone: (408)-245-4600	3 DAY ○	**Tier 1 ESLs**			
	2 DAY ○	**Report to MDLs**			
Project Name: Bixby University Station	1 DAY ○				
Site: 451-475 El Camino Real	OTHER:				
Project Number: 285-2-3					

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs & TPH-g 8260B	SVOCs 8270C	TPH-d/o 8015B	OCPs 8081A	PCBs 8082	CAM 17 Metals 6010B/7471			STLC	TCLP						Laboratory's Sample Specific Notes:
GW-3(1.5-2)	5/9/24	1620	Ling/Grab	soil	4		X	X	X	X	X	X										-01SA
GW-3(5-5.5)	↓	1622	↓	↓	↓		X	X	X	X	X	X										-01GA

Special Instructions/QC Requirements & Comments: REPORT ON A DRY-WEIGHT BASIS.

Adjust TAT for soluble analyses to report results with other analytes. Please provide EDD at same time as PDF report.

Freeze CNOs/Terra Cores placed on hold.

D/O 2.3 #4 cysm

Send results to:
hguckes@cornerstoneearth.com
plangtry@cornerstoneearth.com

Address invoice to:
accounting@cornerstoneearth.com
plangtry@cornerstoneearth.com

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Cornerstone Earth Group	5/9/24 1750	Claudia Moreno	Torrent	5/9/24 17:52
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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

RE: Bixby University Station

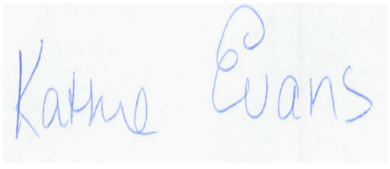
Work Order No.: 2405083 Rev. 1

Dear Peter Langtry:

Torrent Laboratory, Inc. received 6 sample(s) on May 10, 2024 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

May 17, 2024
Date

Torrent LABORATORY, INC.

Date: 5/17/2024

Client: Cornerstone Earth Group

Project: Bixby University Station

Work Order: 2405083

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.

Data is reported on a dry weight basis

Note: for 8260B/GCMS-GRO: Final result & MDL/PQL (Detection Limit/Reporting limit) have been corrected for actual mass removed from the Encore container.

Analytical Comments for method 6010B, 2405083-001MS/MSD, QC Preparation Batch ID 1160672, Note:The % recoveries for several metals are outside of laboratory control limits but % RPDs are within limits. The associated LCS/LCSD is within both % Recovery and % RPD limits. No corrective action required.

REVISIONS

Report revised to include STLC and TCLP data

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: 5/21/24 at 2:45 PM to 5/23/24 at 10:50 AM

TCLP

Note: Extraction of 80 g sample/1600 g TCLP Fluid #1 was performed according to Toxicity Characteristic Leaching Procedure (SW-846 1311TCLP) which was rotated in a rotary shaker@ 32 RPM for 18 hours (+/- 2 hours). Due to limited sample mass, client approval was given to perform the TCLP extraction with less than the method specified 100 grams

Date Prepared: 5/22/24 at 2:00 PM to 5/23/24 at 9:30 AM

Rev. 1 (5/29/24)

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/10/24
Date Reported: 05/17/24

GW-8(1.5-2) 2405083-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	13.1	%
Dry Weight Factor	D2216	1	1	1	1.13	%
Antimony	SW6010B	1	0.057	5.65	0.859	mg/Kg
Arsenic	SW6010B	1	0.17	1.47	4.92	mg/Kg
Barium	SW6010B	1	0.062	5.65	152	mg/Kg
Beryllium	SW6010B	1	0.062	5.65	0.486	mg/Kg
Cadmium	SW6010B	1	0.11	0.848	0.480	mg/Kg
Chromium	SW6010B	1	0.085	5.65	69.5	mg/Kg
Cobalt	SW6010B	1	0.079	5.65	15.0	mg/Kg
Copper	SW6010B	1	0.23	5.65	40.0	mg/Kg
Lead	SW6010B	1	0.11	3.39	14.4	mg/Kg
Molybdenum	SW6010B	1	0.057	5.65	0.814	mg/Kg
Nickel	SW6010B	1	0.57	5.65	70.6	mg/Kg
Vanadium	SW6010B	1	0.11	5.65	58.8	mg/Kg
Zinc	SW6010B	1	0.34	5.65	72.3	mg/Kg
Mercury	SW7471B	1	0.094	0.57	0.13	mg/Kg
TPH as Diesel	SW8015B	1	0.96	2.3	41.1	mg/Kg
TPH as Motor Oil	SW8015B	1	3.6	11	86.5	mg/Kg
4,4'-DDE	SW8081B	10	2.2	23	6.44	ug/Kg
Dieldrin	SW8081B	10	1.7	23	5.16	ug/Kg
Aroclor1260	SW8082A	1	27.1	113	80.2	ug/Kg
Total PCB	SW8082A	1	27.1	113	80.2	ug/Kg
Acetone	SW8260B	1	10	25.1	14.8	ug/Kg

GW-8(5-5.5) 2405083-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	18.3	%
Dry Weight Factor	D2216	1	1	1	1.18	%
Antimony	SW6010B	1	0.059	5.90	0.985	mg/Kg
Arsenic	SW6010B	1	0.18	1.53	3.69	mg/Kg
Barium	SW6010B	1	0.065	5.90	137	mg/Kg
Beryllium	SW6010B	1	0.065	5.90	0.466	mg/Kg
Cadmium	SW6010B	1	0.12	0.885	0.384	mg/Kg
Chromium	SW6010B	1	0.089	5.90	47.9	mg/Kg
Cobalt	SW6010B	1	0.083	5.90	10.0	mg/Kg
Copper	SW6010B	1	0.24	5.90	21.3	mg/Kg
Lead	SW6010B	1	0.12	3.54	5.04	mg/Kg
Molybdenum	SW6010B	1	0.059	5.90	0.531	mg/Kg
Nickel	SW6010B	1	0.59	5.90	64.3	mg/Kg
Vanadium	SW6010B	1	0.12	5.90	39.4	mg/Kg
Zinc	SW6010B	1	0.35	5.90	42.4	mg/Kg
Mercury	SW7471B	1	0.098	0.59	0.11	mg/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/10/24
Date Reported: 05/17/24

GW-6(1-1.5) 2405083-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	8.05	%
Dry Weight Factor	D2216	1	1	1	1.08	%
Antimony	SW6010B	1	0.054	5.40	1.49	mg/Kg
Arsenic	SW6010B	1	0.16	1.40	4.41	mg/Kg
Barium	SW6010B	1	0.059	5.40	136	mg/Kg
Beryllium	SW6010B	1	0.059	5.40	0.373	mg/Kg
Cadmium	SW6010B	1	0.11	0.810	0.475	mg/Kg
Chromium	SW6010B	1	0.081	5.40	71.3	mg/Kg
Cobalt	SW6010B	1	0.076	5.40	17.0	mg/Kg
Copper	SW6010B	1	0.22	5.40	49.1	mg/Kg
Lead	SW6010B	1	0.11	3.24	15.9	mg/Kg
Molybdenum	SW6010B	1	0.054	5.40	0.405	mg/Kg
Nickel	SW6010B	1	0.54	5.40	67.0	mg/Kg
Vanadium	SW6010B	1	0.11	5.40	67.0	mg/Kg
Zinc	SW6010B	1	0.32	5.40	70.2	mg/Kg
Mercury	SW7471B	1	0.090	0.54	0.13	mg/Kg
TPH as Diesel	SW8015B	1	1.8	4.3	52.0	mg/Kg
TPH as Motor Oil	SW8015B	1	6.9	22	108	mg/Kg
Heptachlor Epoxide	SW8081B	10	0.84	22	2.39	ug/Kg
gamma-Chlordane	SW8081B	10	1.8	22	2.01	ug/Kg
4,4'-DDE	SW8081B	10	2.1	22	13.3	ug/Kg
Aroclor1260	SW8082A	10	259	1080	1930	ug/Kg
Total PCB	SW8082A	10	259	1080	1930	ug/Kg
Acetone	SW8260B	1	7.1	17.3	9.86	ug/Kg
2-Methylnaphthalene	SW8270C	1	11.3	156	14.1	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/10/24
Date Reported: 05/17/24

GW-6(5-5.5) 2405083-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	25.8	%
Dry Weight Factor	D2216	1	1	1	1.26	%
Antimony	SW6010B	1	0.063	6.30	1.45	mg/Kg
Arsenic	SW6010B	1	0.19	1.64	2.01	mg/Kg
Barium	SW6010B	1	0.069	6.30	152	mg/Kg
Beryllium	SW6010B	1	0.069	6.30	0.599	mg/Kg
Cadmium	SW6010B	1	0.13	0.945	0.397	mg/Kg
Chromium	SW6010B	1	0.095	6.30	50.8	mg/Kg
Cobalt	SW6010B	1	0.088	6.30	9.26	mg/Kg
Copper	SW6010B	1	0.25	6.30	34.1	mg/Kg
Lead	SW6010B	1	0.13	3.78	5.90	mg/Kg
Molybdenum	SW6010B	1	0.063	6.30	0.265	mg/Kg
Nickel	SW6010B	1	0.63	6.30	58.5	mg/Kg
Vanadium	SW6010B	1	0.13	6.30	37.2	mg/Kg
Zinc	SW6010B	1	0.38	6.30	55.0	mg/Kg
TPH as Diesel	SW8015B	1	1.1	2.5	9.26	mg/Kg
TPH as Motor Oil	SW8015B	1	4.0	13	15.2	mg/Kg
gamma-Chlordane	SW8081B	1	0.21	2.5	0.688	ug/Kg
alpha-Chlordane	SW8081B	1	0.22	2.5	0.421	ug/Kg
Chlordane, Technical	SW8081B	1	2.7	25	10.1	ug/Kg
Acetone	SW8260B	1	9.0	22.1	18.6	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/10/24
Date Reported: 05/17/24

GW-9(1-1.5) 2405083-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	6.69	%
Dry Weight Factor	D2216	1	1	1	1.07	%
Antimony	SW6010B	1	0.054	5.35	1.67	mg/Kg
Arsenic	SW6010B	1	0.16	1.39	4.06	mg/Kg
Barium	SW6010B	1	0.059	5.35	460	mg/Kg
Beryllium	SW6010B	1	0.059	5.35	0.198	mg/Kg
Cadmium	SW6010B	1	0.11	0.803	0.797	mg/Kg
Chromium	SW6010B	1	0.080	5.35	61.5	mg/Kg
Cobalt	SW6010B	1	0.075	5.35	14.8	mg/Kg
Copper	SW6010B	1	0.21	5.35	34.7	mg/Kg
Lead	SW6010B	1	0.11	3.21	2.20	mg/Kg
Molybdenum	SW6010B	1	0.054	5.35	1.74	mg/Kg
Nickel	SW6010B	1	0.54	5.35	66.9	mg/Kg
Selenium	SW6010B	1	0.37	1.18	0.936	mg/Kg
Vanadium	SW6010B	1	0.11	5.35	58.9	mg/Kg
Zinc	SW6010B	1	0.32	5.35	59.9	mg/Kg
Mercury	SW7471B	1	0.089	0.54	0.30	mg/Kg
TPH as Diesel	SW8015B	1	3.6	8.6	129	mg/Kg
TPH as Motor Oil	SW8015B	1	14	43	412	mg/Kg
Heptachlor Epoxide	SW8081B	10	0.83	21	1.92	ug/Kg
gamma-Chlordane	SW8081B	10	1.7	21	2.05	ug/Kg
alpha-Chlordane	SW8081B	10	1.9	21	2.61	ug/Kg
4,4'-DDE	SW8081B	10	2.1	21	14.7	ug/Kg
Aroclor1260	SW8082A	1	25.7	107	199	ug/Kg
Total PCB	SW8082A	1	25.7	107	199	ug/Kg
Acetone	SW8260B	1	6.9	16.9	10.9	ug/Kg
Naphthalene	SW8270C	10	113	1540	124	ug/Kg
2-Methylnaphthalene	SW8270C	10	112	1540	259	ug/Kg
Fluorene	SW8270C	10	110	1540	131	ug/Kg
Phenanthrene	SW8270C	10	99.7	1540	401	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/10/24
Date Reported: 05/17/24

GW-9(3.5-4) 2405083-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	21.7	%
Dry Weight Factor	D2216	1	1	1	1.22	%
Antimony	SW6010B	1	0.061	6.10	2.48	mg/Kg
Arsenic	SW6010B	1	0.18	1.59	139	mg/Kg
Barium	SW6010B	1	0.067	6.10	154	mg/Kg
Beryllium	SW6010B	1	0.067	6.10	0.567	mg/Kg
Cadmium	SW6010B	1	0.12	0.915	0.506	mg/Kg
Chromium	SW6010B	1	0.092	6.10	51.5	mg/Kg
Cobalt	SW6010B	1	0.085	6.10	10.7	mg/Kg
Copper	SW6010B	1	0.24	6.10	35.8	mg/Kg
Lead	SW6010B	1	0.12	3.66	14.3	mg/Kg
Molybdenum	SW6010B	1	0.061	6.10	0.671	mg/Kg
Nickel	SW6010B	1	0.61	6.10	65.3	mg/Kg
Vanadium	SW6010B	1	0.12	6.10	39.6	mg/Kg
Zinc	SW6010B	1	0.37	6.10	73.2	mg/Kg
Arsenic (STLC)	SW6010B-STLC	1	0.20	0.40	7.16	mg/L
Arsenic (TCLP)	SW6010B-TCLP	1	0.20	0.40	1.27	mg/L
Mercury	SW7471B	1	0.10	0.61	0.17	mg/Kg
TPH as Diesel	SW8015B	1	1.0	2.4	23.3	mg/Kg
TPH as Motor Oil	SW8015B	1	3.9	12	45.7	mg/Kg
Acetone	SW8260B	1	9.6	23.4	96.2	ug/Kg
Bis(2-Ethylhexyl)phthalate	SW8270C	2	37.4	1760	48.5	ug/Kg

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 4:50:00PM
Prep Batch ID:	1160673	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.094	0.57	**0.13**	J	mg/Kg	05/14/24	12:18	BJAY	483993

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.057	5.65	**0.859**	J	mg/Kg	05/14/24	12:33	GS	483965
Arsenic	SW6010B	1	0.17	1.47	**4.92**		mg/Kg	05/14/24	12:33	GS	483965
Barium	SW6010B	1	0.062	5.65	**152**		mg/Kg	05/14/24	12:33	GS	483965
Beryllium	SW6010B	1	0.062	5.65	**0.486**	J	mg/Kg	05/14/24	12:33	GS	483965
Cadmium	SW6010B	1	0.11	0.848	**0.480**	J	mg/Kg	05/14/24	12:33	GS	483965
Chromium	SW6010B	1	0.085	5.65	**69.5**		mg/Kg	05/14/24	12:33	GS	483965
Cobalt	SW6010B	1	0.079	5.65	**15.0**		mg/Kg	05/14/24	12:33	GS	483965
Copper	SW6010B	1	0.23	5.65	**40.0**		mg/Kg	05/14/24	12:33	GS	483965
Lead	SW6010B	1	0.11	3.39	**14.4**		mg/Kg	05/14/24	12:33	GS	483965
Molybdenum	SW6010B	1	0.057	5.65	**0.814**	J	mg/Kg	05/14/24	12:33	GS	483965
Nickel	SW6010B	1	0.57	5.65	**70.6**		mg/Kg	05/14/24	12:33	GS	483965
Selenium	SW6010B	1	0.40	1.24	ND		mg/Kg	05/14/24	12:33	GS	483965
Silver	SW6010B	1	0.17	0.565	ND		mg/Kg	05/14/24	12:33	GS	483965
Thallium	SW6010B	1	0.23	5.65	ND		mg/Kg	05/14/24	12:33	GS	483965
Vanadium	SW6010B	1	0.11	5.65	**58.8**		mg/Kg	05/14/24	12:33	GS	483965
Zinc	SW6010B	1	0.34	5.65	**72.3**		mg/Kg	05/14/24	12:33	GS	483965

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/15/24 12:47:00PM
Prep Batch ID:	1160637	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	39.6	113	ND		ug/Kg	05/15/24	12:45	AK	483996
Aroclor1221	SW8082A	1	5.65	113	ND		ug/Kg	05/15/24	12:45	AK	483996
Aroclor1232	SW8082A	1	19.2	113	ND		ug/Kg	05/15/24	12:45	AK	483996
Aroclor1242	SW8082A	1	3.39	113	ND		ug/Kg	05/15/24	12:45	AK	483996
Aroclor1248	SW8082A	1	2.26	113	ND		ug/Kg	05/15/24	12:45	AK	483996
Aroclor1254	SW8082A	1	15.8	113	ND		ug/Kg	05/15/24	12:45	AK	483996
Aroclor1260	SW8082A	1	27.1	113	**80.2**	J	ug/Kg	05/15/24	12:45	AK	483996
Total PCB	SW8082A	1	27.1	113	**80.2**	J	ug/Kg	05/15/24	12:45	AK	483996
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**97.0**		%	05/15/24	12:45	AK	483996
DCBP (S)	SW8082A		48 - 135		**101**		%	05/15/24	12:45	AK	483996

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/10/24 2:57:00PM
Prep Batch ID:	1160623	**Prep Analyst:**	NDUM

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	23	ND		ug/Kg	05/14/24	19:32	MS	484036
gamma-BHC (Lindane)	SW8081B	10	1.8	23	ND		ug/Kg	05/14/24	19:32	MS	484036
beta-BHC	SW8081B	10	3.6	23	ND		ug/Kg	05/14/24	19:32	MS	484036
delta-BHC	SW8081B	10	1.8	23	ND		ug/Kg	05/14/24	19:32	MS	484036
Heptachlor	SW8081B	10	1.2	23	ND		ug/Kg	05/14/24	19:32	MS	484036
Aldrin	SW8081B	10	2.2	23	ND		ug/Kg	05/14/24	19:32	MS	484036
Heptachlor Epoxide	SW8081B	10	0.88	23	ND		ug/Kg	05/14/24	19:32	MS	484036
gamma-Chlordane	SW8081B	10	1.8	23	ND		ug/Kg	05/14/24	19:32	MS	484036
alpha-Chlordane	SW8081B	10	2.0	23	ND		ug/Kg	05/14/24	19:32	MS	484036
4,4'-DDE	SW8081B	10	2.2	23	**6.44**	J	ug/Kg	05/14/24	19:32	MS	484036
Endosulfan I	SW8081B	10	2.1	23	ND		ug/Kg	05/14/24	19:32	MS	484036
Dieldrin	SW8081B	10	1.7	23	**5.16**	J	ug/Kg	05/14/24	19:32	MS	484036
Endrin	SW8081B	10	2.1	23	ND		ug/Kg	05/14/24	19:32	MS	484036
4,4'-DDD	SW8081B	10	6.4	23	ND		ug/Kg	05/14/24	19:32	MS	484036
Endosulfan II	SW8081B	10	6.5	23	ND		ug/Kg	05/14/24	19:32	MS	484036
4,4-DDT	SW8081B	10	1.5	23	ND		ug/Kg	05/14/24	19:32	MS	484036
Endrin Aldehyde	SW8081B	10	1.7	23	ND		ug/Kg	05/14/24	19:32	MS	484036
Methoxychlor	SW8081B	10	2.3	23	ND		ug/Kg	05/14/24	19:32	MS	484036
Endosulfan Sulfate	SW8081B	10	1.3	23	ND		ug/Kg	05/14/24	19:32	MS	484036
Endrin Ketone	SW8081B	10	4.9	23	ND		ug/Kg	05/14/24	19:32	MS	484036
Chlordane, Technical	SW8081B	10	24	230	ND		ug/Kg	05/14/24	19:32	MS	484036
Toxaphene	SW8081B	10	96	570	ND		ug/Kg	05/14/24	19:32	MS	484036
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**86.5**		%	05/14/24	19:32	MS	484036
Decachlorobiphenyl (S)	SW8081B		38 - 135		**76.0**		%	05/14/24	19:32	MS	484036

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/14/24	6:00:00PM
Prep Batch ID:	1160730	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**13.1**		%	05/15/24	23:40	KY	484003
Dry Weight Factor	D2216	1	1	1	**1.13**		-	05/15/24	23:40	KY	484003

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	10	530	8140	ND		ug/Kg	05/15/24	3:15	TA	484020
Phenol	SW8270C	10	495	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
Bis(2-chloroethyl)ether	SW8270C	10	150	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
2-Chlorophenol	SW8270C	10	539	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
1,3-Dichlorobenzene	SW8270C	10	148	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
1,4-Dichlorobenzene	SW8270C	10	165	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Benzyl Alcohol	SW8270C	10	231	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
1,2-Dichlorobenzene	SW8270C	10	153	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
2-Methylphenol (o-Cresol)	SW8270C	10	332	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	10	769	8140	ND		ug/Kg	05/15/24	3:15	TA	484020
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	10	354	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
N-nitroso-di-n-propylamine	SW8270C	10	149	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Hexachloroethane	SW8270C	10	193	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Nitrobenzene	SW8270C	10	145	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Isophorone	SW8270C	10	138	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
2-Nitrophenol	SW8270C	10	287	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
2,4-Dimethylphenol	SW8270C	10	258	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
Benzoic Acid	SW8270C	10	471	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
Bis(2-Chloroethoxy)methane	SW8270C	10	111	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Bis(2-chloroisopropyl)ether	SW8270C	10	142	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
2,4-Dichlorophenol	SW8270C	10	444	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
1,2,4-Trichlorobenzene	SW8270C	10	134	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Naphthalene	SW8270C	10	120	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
2,6-Dichlorophenol	SW8270C	10	404	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
Hexachloro-1,3-butadiene	SW8270C	10	94.2	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
4-Chloro-3-methylphenol	SW8270C	10	382	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
2-Methylnaphthalene	SW8270C	10	118	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
1-Methylnaphthalene	SW8270C	10	138	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Hexachlorocyclopentadiene	SW8270C	10	146	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
2,4,6-Trichlorophenol	SW8270C	10	406	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
2,4,5-Trichlorophenol	SW8270C	10	377	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
2-Chloronaphthalene	SW8270C	10	120	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
1,4-Dinitrobenzene	SW8270C	10	117	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Dimethyl phthalate	SW8270C	10	160	8140	ND		ug/Kg	05/15/24	3:15	TA	484020
1,3-Dinitrobenzene	SW8270C	10	117	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Acenaphthylene	SW8270C	10	93.6	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
2,6-Dinitrotoluene	SW8270C	10	128	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
1,2-Dinitrobenzene	SW8270C	10	178	1630	ND		ug/Kg	05/15/24	3:15	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acenaphthene	SW8270C	10	121	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
2,4-Dinitrophenol	SW8270C	10	876	8140	ND		ug/Kg	05/15/24	3:15	TA	484020
4-Nitrophenol	SW8270C	10	618	8140	ND		ug/Kg	05/15/24	3:15	TA	484020
Dibenzofuran	SW8270C	10	127	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
2,4-Dinitrotoluene	SW8270C	10	137	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
2,3,5,6-Tetrachlorophenol	SW8270C	10	312	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
2,3,4,6-Tetrachlorophenol	SW8270C	10	356	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
Diethylphthalate	SW8270C	10	154	8140	ND		ug/Kg	05/15/24	3:15	TA	484020
Fluorene	SW8270C	10	116	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
4-Chlorophenyl-phenylether	SW8270C	10	105	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
4,6-Dinitro-2-methylphenol	SW8270C	10	151	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
Diphenylamine	SW8270C	10	147	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Azobenzene	SW8270C	10	1290	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
4-Bromophenyl-phenylether	SW8270C	10	93.0	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Hexachlorobenzene	SW8270C	10	97.8	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Pentachlorophenol	SW8270C	10	282	3250	ND		ug/Kg	05/15/24	3:15	TA	484020
Phenanthrene	SW8270C	10	105	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Anthracene	SW8270C	10	101	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Carbazole	SW8270C	10	121	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Di-n-butylphthalate	SW8270C	10	153	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Fluoranthene	SW8270C	10	113	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Benzidine	SW8270C	10	1660	1660	ND		ug/Kg	05/15/24	3:15	TA	484020
Pyrene	SW8270C	10	135	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Butylbenzylphthalate	SW8270C	10	238	8140	ND		ug/Kg	05/15/24	3:15	TA	484020
Benzo(a)anthracene	SW8270C	10	111	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
3,3-Dichlorobenzidine	SW8270C	10	1330	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Chrysene	SW8270C	10	171	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Bis(2-Ethylhexyl)phthalate	SW8270C	10	173	8140	ND		ug/Kg	05/15/24	3:15	TA	484020
Di-n-Octylphthalate	SW8270C	10	139	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Benzo(b)fluorathene	SW8270C	10	136	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
benzo(k)fluorathene	SW8270C	10	92.2	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Benzo(a)pyrene	SW8270C	10	111	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Indeno(1,2,3-c,d)pyrene	SW8270C	10	156	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Dibenzo(a,h)anthracene	SW8270C	10	144	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Benzo(g,h,i)perylene	SW8270C	10	188	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
Pyridine	SW8270C	10	188	1630	ND		ug/Kg	05/15/24	3:15	TA	484020
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**63.3**		%	05/15/24	3:15	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Phenol-d6 (S)	SW8270C		24 - 113		**66.1**		%	05/15/24	3:15	TA	484020
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**56.0**		%	05/15/24	3:15	TA	484020
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**79.7**		%	05/15/24	3:15	TA	484020
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**72.7**		%	05/15/24	3:15	TA	484020
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**93.7**		%	05/15/24	3:15	TA	484020

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/10/24 1:36:00PM
Prep Batch ID:	1160598	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.96	2.3	**41.1**	x	mg/Kg	05/14/24	5:46	SN	483968
TPH as Motor Oil	SW8015B	1	3.6	11	**86.5**		mg/Kg	05/14/24	5:46	SN	483968
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**102**		%	05/14/24	5:46	SN	483968

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.5	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Chloromethane	SW8260B	1	2.3	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Vinyl Chloride	SW8260B	1	2.6	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Bromomethane	SW8260B	1	3.4	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Chloroethane	SW8260B	1	3.8	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Trichlorofluoromethane	SW8260B	1	2.6	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,1-Dichloroethene	SW8260B	1	2.5	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Freon 113	SW8260B	1	2.4	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Methylene Chloride	SW8260B	1	8.9	13	ND		ug/Kg	05/15/24	22:12	HV	484032
trans-1,2-Dichloroethene	SW8260B	1	2.6	13	ND		ug/Kg	05/15/24	22:12	HV	484032
MTBE	SW8260B	1	2.9	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,1-Dichloroethane	SW8260B	1	2.8	13	ND		ug/Kg	05/15/24	22:12	HV	484032
cis-1,2-Dichloroethene	SW8260B	1	2.8	13	ND		ug/Kg	05/15/24	22:12	HV	484032
2,2-Dichloropropane	SW8260B	1	2.4	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Bromochloromethane	SW8260B	1	2.9	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Chloroform	SW8260B	1	3.0	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Carbon Tetrachloride	SW8260B	1	2.6	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,1,1-Trichloroethane	SW8260B	1	2.6	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,1-Dichloropropene	SW8260B	1	2.5	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Benzene	SW8260B	1	2.8	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,2-Dichloroethane	SW8260B	1	2.9	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Trichloroethene	SW8260B	1	2.3	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Dibromomethane	SW8260B	1	2.3	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,2-Dichloropropane	SW8260B	1	2.3	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Bromodichloromethane	SW8260B	1	2.5	13	ND		ug/Kg	05/15/24	22:12	HV	484032
cis-1,3-Dichloropropene	SW8260B	1	2.0	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Toluene	SW8260B	1	2.3	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Tetrachloroethene	SW8260B	1	2.1	13	ND		ug/Kg	05/15/24	22:12	HV	484032
trans-1,3-Dichloropropene	SW8260B	1	2.1	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,1,2-Trichloroethane	SW8260B	1	2.3	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Dibromochloromethane	SW8260B	1	2.4	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,3-Dichloropropane	SW8260B	1	2.3	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,2-Dibromoethane	SW8260B	1	2.3	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Chlorobenzene	SW8260B	1	2.3	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Ethylbenzene	SW8260B	1	2.1	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,1,1,2-Tetrachloroethane	SW8260B	1	2.4	13	ND		ug/Kg	05/15/24	22:12	HV	484032
m,p-Xylene	SW8260B	1	4.0	13	ND		ug/Kg	05/15/24	22:12	HV	484032
o-Xylene	SW8260B	1	2.2	13	ND		ug/Kg	05/15/24	22:12	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	2.1	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Bromoform	SW8260B	1	2.1	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Isopropyl Benzene	SW8260B	1	2.0	13	ND		ug/Kg	05/15/24	22:12	HV	484032
n-Propylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Bromobenzene	SW8260B	1	2.2	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,1,2,2-Tetrachloroethane	SW8260B	1	2.4	13	ND		ug/Kg	05/15/24	22:12	HV	484032
2-Chlorotoluene	SW8260B	1	2.2	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,3,5-Trimethylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,2,3-Trichloropropane	SW8260B	1	2.4	13	ND		ug/Kg	05/15/24	22:12	HV	484032
4-Chlorotoluene	SW8260B	1	2.1	13	ND		ug/Kg	05/15/24	22:12	HV	484032
tert-Butylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,2,4-Trimethylbenzene	SW8260B	1	1.7	13	ND		ug/Kg	05/15/24	22:12	HV	484032
sec-Butyl Benzene	SW8260B	1	2.0	13	ND		ug/Kg	05/15/24	22:12	HV	484032
p-Isopropyltoluene	SW8260B	1	1.8	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,3-Dichlorobenzene	SW8260B	1	2.1	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,4-Dichlorobenzene	SW8260B	1	2.1	13	ND		ug/Kg	05/15/24	22:12	HV	484032
n-Butylbenzene	SW8260B	1	1.8	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,2-Dichlorobenzene	SW8260B	1	2.2	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.3	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Hexachlorobutadiene	SW8260B	1	1.7	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,2,4-Trichlorobenzene	SW8260B	1	1.9	13	ND		ug/Kg	05/15/24	22:12	HV	484032
Naphthalene	SW8260B	1	2.1	13	ND		ug/Kg	05/15/24	22:12	HV	484032
1,2,3-Trichlorobenzene	SW8260B	1	2.1	13	ND		ug/Kg	05/15/24	22:12	HV	484032
2-Butanone	SW8260B	1	2.9	12.6	ND		ug/Kg	05/15/24	22:12	HV	484032
Acetone	SW8260B	1	10	25.1	**14.8**	J	ug/Kg	05/15/24	22:12	HV	484032
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**72.5**		%	05/15/24	22:12	HV	484032
(S) Toluene-d8	SW8260B		55.2 - 133		**99.6**		%	05/15/24	22:12	HV	484032
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**81.5**		%	05/15/24	22:12	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(1.5-2)	**Lab Sample ID:**	2405083-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:16		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160752	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	54	130	ND		ug/Kg	05/15/24	22:12	HV	484032
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**101**		%	05/15/24	22:12	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 4:50:00PM
Prep Batch ID:	1160673	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.098	0.59	**0.11**	J	mg/Kg	05/14/24	12:24	BJAY	483993

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.059	5.90	**0.985**	J	mg/Kg	05/14/24	12:42	GS	483965
Arsenic	SW6010B	1	0.18	1.53	**3.69**		mg/Kg	05/14/24	12:42	GS	483965
Barium	SW6010B	1	0.065	5.90	**137**		mg/Kg	05/14/24	12:42	GS	483965
Beryllium	SW6010B	1	0.065	5.90	**0.466**	J	mg/Kg	05/14/24	12:42	GS	483965
Cadmium	SW6010B	1	0.12	0.885	**0.384**	J	mg/Kg	05/14/24	12:42	GS	483965
Chromium	SW6010B	1	0.089	5.90	**47.9**		mg/Kg	05/14/24	12:42	GS	483965
Cobalt	SW6010B	1	0.083	5.90	**10.0**		mg/Kg	05/14/24	12:42	GS	483965
Copper	SW6010B	1	0.24	5.90	**21.3**		mg/Kg	05/14/24	12:42	GS	483965
Lead	SW6010B	1	0.12	3.54	**5.04**		mg/Kg	05/14/24	12:42	GS	483965
Molybdenum	SW6010B	1	0.059	5.90	**0.531**	J	mg/Kg	05/14/24	12:42	GS	483965
Nickel	SW6010B	1	0.59	5.90	**64.3**		mg/Kg	05/14/24	12:42	GS	483965
Selenium	SW6010B	1	0.41	1.30	ND		mg/Kg	05/14/24	12:42	GS	483965
Silver	SW6010B	1	0.18	0.590	ND		mg/Kg	05/14/24	12:42	GS	483965
Thallium	SW6010B	1	0.24	5.90	ND		mg/Kg	05/14/24	12:42	GS	483965
Vanadium	SW6010B	1	0.12	5.90	**39.4**		mg/Kg	05/14/24	12:42	GS	483965
Zinc	SW6010B	1	0.35	5.90	**42.4**		mg/Kg	05/14/24	12:42	GS	483965

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/15/24 12:47:00PM
Prep Batch ID:	1160637	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	41.3	118	ND		ug/Kg	05/15/24	13:00	AK	483996
Aroclor1221	SW8082A	1	5.90	118	ND		ug/Kg	05/15/24	13:00	AK	483996
Aroclor1232	SW8082A	1	20.1	118	ND		ug/Kg	05/15/24	13:00	AK	483996
Aroclor1242	SW8082A	1	3.54	118	ND		ug/Kg	05/15/24	13:00	AK	483996
Aroclor1248	SW8082A	1	2.36	118	ND		ug/Kg	05/15/24	13:00	AK	483996
Aroclor1254	SW8082A	1	16.5	118	ND		ug/Kg	05/15/24	13:00	AK	483996
Aroclor1260	SW8082A	1	28.3	118	ND		ug/Kg	05/15/24	13:00	AK	483996
Total PCB	SW8082A	1	28.3	118	ND		ug/Kg	05/15/24	13:00	AK	483996
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**93.0**		%	05/15/24	13:00	AK	483996
DCBP (S)	SW8082A		48 - 135		**96.0**		%	05/15/24	13:00	AK	483996

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/10/24	2:57:00PM
Prep Batch ID:	1160623	**Prep Analyst:**	NDUM	

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	1	0.15	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
gamma-BHC (Lindane)	SW8081B	1	0.19	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
beta-BHC	SW8081B	1	0.37	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
delta-BHC	SW8081B	1	0.18	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Heptachlor	SW8081B	1	0.12	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Aldrin	SW8081B	1	0.23	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Heptachlor Epoxide	SW8081B	1	0.092	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
gamma-Chlordane	SW8081B	1	0.19	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
alpha-Chlordane	SW8081B	1	0.20	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
4,4'-DDE	SW8081B	1	0.23	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Endosulfan I	SW8081B	1	0.22	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Dieldrin	SW8081B	1	0.17	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Endrin	SW8081B	1	0.22	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
4,4'-DDD	SW8081B	1	0.67	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Endosulfan II	SW8081B	1	0.68	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
4,4-DDT	SW8081B	1	0.15	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Endrin Aldehyde	SW8081B	1	0.18	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Methoxychlor	SW8081B	1	0.24	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Endosulfan Sulfate	SW8081B	1	0.14	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Endrin Ketone	SW8081B	1	0.51	2.4	ND		ug/Kg	05/14/24	19:45	MS	484036
Chlordane, Technical	SW8081B	1	2.5	24	ND		ug/Kg	05/14/24	19:45	MS	484036
Toxaphene	SW8081B	1	10	59	ND		ug/Kg	05/14/24	19:45	MS	484036
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**77.0**		%	05/14/24	19:45	MS	484036
Decachlorobiphenyl (S)	SW8081B		38 - 135		**78.7**		%	05/14/24	19:45	MS	484036

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/14/24	6:00:00PM
Prep Batch ID:	1160730	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**18.3**		%	05/15/24	23:40	KY	484003
Dry Weight Factor	D2216	1	1	1	**1.18**		-	05/15/24	23:40	KY	484003

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	1	55.3	850	ND		ug/Kg	05/15/24	3:43	TA	484020
Phenol	SW8270C	1	51.7	340	ND		ug/Kg	05/15/24	3:43	TA	484020
Bis(2-chloroethyl)ether	SW8270C	1	15.7	170	ND		ug/Kg	05/15/24	3:43	TA	484020
2-Chlorophenol	SW8270C	1	56.3	340	ND		ug/Kg	05/15/24	3:43	TA	484020
1,3-Dichlorobenzene	SW8270C	1	15.5	170	ND		ug/Kg	05/15/24	3:43	TA	484020
1,4-Dichlorobenzene	SW8270C	1	17.3	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Benzyl Alcohol	SW8270C	1	24.1	340	ND		ug/Kg	05/15/24	3:43	TA	484020
1,2-Dichlorobenzene	SW8270C	1	15.9	170	ND		ug/Kg	05/15/24	3:43	TA	484020
2-Methylphenol (o-Cresol)	SW8270C	1	34.6	340	ND		ug/Kg	05/15/24	3:43	TA	484020
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	80.3	850	ND		ug/Kg	05/15/24	3:43	TA	484020
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	37.0	340	ND		ug/Kg	05/15/24	3:43	TA	484020
N-nitroso-di-n-propylamine	SW8270C	1	15.5	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Hexachloroethane	SW8270C	1	20.1	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Nitrobenzene	SW8270C	1	15.2	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Isophorone	SW8270C	1	14.4	170	ND		ug/Kg	05/15/24	3:43	TA	484020
2-Nitrophenol	SW8270C	1	29.9	340	ND		ug/Kg	05/15/24	3:43	TA	484020
2,4-Dimethylphenol	SW8270C	1	26.9	340	ND		ug/Kg	05/15/24	3:43	TA	484020
Benzoic Acid	SW8270C	1	49.2	340	ND		ug/Kg	05/15/24	3:43	TA	484020
Bis(2-Chloroethoxy)methane	SW8270C	1	11.6	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Bis(2-chloroisopropyl)ether	SW8270C	1	14.9	170	ND		ug/Kg	05/15/24	3:43	TA	484020
2,4-Dichlorophenol	SW8270C	1	46.4	340	ND		ug/Kg	05/15/24	3:43	TA	484020
1,2,4-Trichlorobenzene	SW8270C	1	14.0	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Naphthalene	SW8270C	1	12.5	170	ND		ug/Kg	05/15/24	3:43	TA	484020
2,6-Dichlorophenol	SW8270C	1	42.2	340	ND		ug/Kg	05/15/24	3:43	TA	484020
Hexachloro-1,3-butadiene	SW8270C	1	9.84	170	ND		ug/Kg	05/15/24	3:43	TA	484020
4-Chloro-3-methylphenol	SW8270C	1	39.9	340	ND		ug/Kg	05/15/24	3:43	TA	484020
2-Methylnaphthalene	SW8270C	1	12.3	170	ND		ug/Kg	05/15/24	3:43	TA	484020
1-Methylnaphthalene	SW8270C	1	14.4	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Hexachlorocyclopentadiene	SW8270C	1	15.3	170	ND		ug/Kg	05/15/24	3:43	TA	484020
2,4,6-Trichlorophenol	SW8270C	1	42.4	340	ND		ug/Kg	05/15/24	3:43	TA	484020
2,4,5-Trichlorophenol	SW8270C	1	39.4	340	ND		ug/Kg	05/15/24	3:43	TA	484020
2-Chloronaphthalene	SW8270C	1	12.5	170	ND		ug/Kg	05/15/24	3:43	TA	484020
1,4-Dinitrobenzene	SW8270C	1	12.2	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Dimethyl phthalate	SW8270C	1	16.7	850	ND		ug/Kg	05/15/24	3:43	TA	484020
1,3-Dinitrobenzene	SW8270C	1	12.3	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Acenaphthylene	SW8270C	1	9.77	170	ND		ug/Kg	05/15/24	3:43	TA	484020
2,6-Dinitrotoluene	SW8270C	1	13.4	170	ND		ug/Kg	05/15/24	3:43	TA	484020
1,2-Dinitrobenzene	SW8270C	1	18.6	170	ND		ug/Kg	05/15/24	3:43	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acenaphthene	SW8270C	1	12.6	170	ND		ug/Kg	05/15/24	3:43	TA	484020
2,4-Dinitrophenol	SW8270C	1	91.5	850	ND		ug/Kg	05/15/24	3:43	TA	484020
4-Nitrophenol	SW8270C	1	64.6	850	ND		ug/Kg	05/15/24	3:43	TA	484020
Dibenzofuran	SW8270C	1	13.2	170	ND		ug/Kg	05/15/24	3:43	TA	484020
2,4-Dinitrotoluene	SW8270C	1	14.3	170	ND		ug/Kg	05/15/24	3:43	TA	484020
2,3,5,6-Tetrachlorophenol	SW8270C	1	32.6	340	ND		ug/Kg	05/15/24	3:43	TA	484020
2,3,4,6-Tetrachlorophenol	SW8270C	1	37.1	340	ND		ug/Kg	05/15/24	3:43	TA	484020
Diethylphthalate	SW8270C	1	16.1	850	ND		ug/Kg	05/15/24	3:43	TA	484020
Fluorene	SW8270C	1	12.2	170	ND		ug/Kg	05/15/24	3:43	TA	484020
4-Chlorophenyl-phenylether	SW8270C	1	11.0	170	ND		ug/Kg	05/15/24	3:43	TA	484020
4,6-Dinitro-2-methylphenol	SW8270C	1	15.8	340	ND		ug/Kg	05/15/24	3:43	TA	484020
Diphenylamine	SW8270C	1	15.4	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Azobenzene	SW8270C	1	134	170	ND		ug/Kg	05/15/24	3:43	TA	484020
4-Bromophenyl-phenylether	SW8270C	1	9.71	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Hexachlorobenzene	SW8270C	1	10.2	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Pentachlorophenol	SW8270C	1	29.5	340	ND		ug/Kg	05/15/24	3:43	TA	484020
Phenanthrene	SW8270C	1	11.0	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Anthracene	SW8270C	1	10.5	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Carbazole	SW8270C	1	12.7	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Di-n-butylphthalate	SW8270C	1	15.9	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Fluoranthene	SW8270C	1	11.8	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Benzidine	SW8270C	1	173	173	ND		ug/Kg	05/15/24	3:43	TA	484020
Pyrene	SW8270C	1	14.1	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Butylbenzylphthalate	SW8270C	1	24.8	850	ND		ug/Kg	05/15/24	3:43	TA	484020
Benzo(a)anthracene	SW8270C	1	11.6	170	ND		ug/Kg	05/15/24	3:43	TA	484020
3,3-Dichlorobenzidine	SW8270C	1	139	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Chrysene	SW8270C	1	17.9	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Bis(2-Ethylhexyl)phthalate	SW8270C	1	18.1	850	ND		ug/Kg	05/15/24	3:43	TA	484020
Di-n-Octylphthalate	SW8270C	1	14.5	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Benzo(b)fluorathene	SW8270C	1	14.2	170	ND		ug/Kg	05/15/24	3:43	TA	484020
benzo(k)fluorathene	SW8270C	1	9.62	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Benzo(a)pyrene	SW8270C	1	11.6	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Indeno(1,2,3-c,d)pyrene	SW8270C	1	16.3	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Dibenzo(a,h)anthracene	SW8270C	1	15.0	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Benzo(g,h,i)perylene	SW8270C	1	19.7	170	ND		ug/Kg	05/15/24	3:43	TA	484020
Pyridine	SW8270C	1	19.7	170	ND		ug/Kg	05/15/24	3:43	TA	484020
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**64.1**		%	05/15/24	3:43	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Phenol-d6 (S)	SW8270C		24 - 113		**65.0**		%	05/15/24	3:43	TA	484020
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**44.3**		%	05/15/24	3:43	TA	484020
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**79.4**		%	05/15/24	3:43	TA	484020
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**68.8**		%	05/15/24	3:43	TA	484020
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**95.6**		%	05/15/24	3:43	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/10/24 1:36:00PM
Prep Batch ID:	1160598	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.0	2.4	ND		mg/Kg	05/14/24	6:11	SN	483968
TPH as Motor Oil	SW8015B	1	3.8	12	ND		mg/Kg	05/14/24	6:11	SN	483968
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**93.3**		%	05/14/24	6:11	SN	483968

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.3	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Chloromethane	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Vinyl Chloride	SW8260B	1	2.2	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Bromomethane	SW8260B	1	2.8	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Chloroethane	SW8260B	1	3.2	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Trichlorofluoromethane	SW8260B	1	2.2	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,1-Dichloroethene	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Freon 113	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Methylene Chloride	SW8260B	1	7.5	11	ND		ug/Kg	05/15/24	22:43	HV	484032
trans-1,2-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	05/15/24	22:43	HV	484032
MTBE	SW8260B	1	2.5	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,1-Dichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	05/15/24	22:43	HV	484032
cis-1,2-Dichloroethene	SW8260B	1	2.4	11	ND		ug/Kg	05/15/24	22:43	HV	484032
2,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Bromochloromethane	SW8260B	1	2.5	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Chloroform	SW8260B	1	2.5	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Carbon Tetrachloride	SW8260B	1	2.2	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,1,1-Trichloroethane	SW8260B	1	2.2	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,1-Dichloropropene	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Benzene	SW8260B	1	2.4	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,2-Dichloroethane	SW8260B	1	2.5	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Trichloroethene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Dibromomethane	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,2-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Bromodichloromethane	SW8260B	1	2.1	11	ND		ug/Kg	05/15/24	22:43	HV	484032
cis-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Toluene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Tetrachloroethene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	22:43	HV	484032
trans-1,3-Dichloropropene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,1,2-Trichloroethane	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Dibromochloromethane	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,3-Dichloropropane	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,2-Dibromoethane	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Chlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Ethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,1,1,2-Tetrachloroethane	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	22:43	HV	484032
m,p-Xylene	SW8260B	1	3.3	11	ND		ug/Kg	05/15/24	22:43	HV	484032
o-Xylene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	22:43	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/15/24 11:32:00AM
Prep Batch ID:	1160751	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Bromoform	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Isopropyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	22:43	HV	484032
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,1,2,2-Tetrachloroethane	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	22:43	HV	484032
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,2,3-Trichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	22:43	HV	484032
4-Chlorotoluene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	22:43	HV	484032
tert-Butylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,2,4-Trimethylbenzene	SW8260B	1	1.4	11	ND		ug/Kg	05/15/24	22:43	HV	484032
sec-Butyl Benzene	SW8260B	1	1.6	11	ND		ug/Kg	05/15/24	22:43	HV	484032
p-Isopropyltoluene	SW8260B	1	1.5	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,4-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	22:43	HV	484032
n-Butylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,2-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Hexachlorobutadiene	SW8260B	1	1.4	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	05/15/24	22:43	HV	484032
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	22:43	HV	484032
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	05/15/24	22:43	HV	484032
2-Butanone	SW8260B	1	2.4	10.6	ND		ug/Kg	05/15/24	22:43	HV	484032
Acetone	SW8260B	1	8.6	21.1	ND		ug/Kg	05/15/24	22:43	HV	484032
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**73.3**		%	05/15/24	22:43	HV	484032
(S) Toluene-d8	SW8260B		55.2 - 133		**97.6**		%	05/15/24	22:43	HV	484032
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**83.2**		%	05/15/24	22:43	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-8(5-5.5)	**Lab Sample ID:**	2405083-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 8:18		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/15/24	11:32:00AM
Prep Batch ID:	1160752	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	46	110	ND		ug/Kg	05/15/24	22:43	HV	484032
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**108**		%	05/15/24	22:43	HV	484032

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 4:50:00PM
Prep Batch ID:	1160673	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.090	0.54	**0.13**	J	mg/Kg	05/14/24	12:26	BJAY	483993

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.054	5.40	**1.49**	J	mg/Kg	05/14/24	12:44	GS	483965
Arsenic	SW6010B	1	0.16	1.40	**4.41**		mg/Kg	05/14/24	12:44	GS	483965
Barium	SW6010B	1	0.059	5.40	**136**		mg/Kg	05/14/24	12:44	GS	483965
Beryllium	SW6010B	1	0.059	5.40	**0.373**	J	mg/Kg	05/14/24	12:44	GS	483965
Cadmium	SW6010B	1	0.11	0.810	**0.475**	J	mg/Kg	05/14/24	12:44	GS	483965
Chromium	SW6010B	1	0.081	5.40	**71.3**		mg/Kg	05/14/24	12:44	GS	483965
Cobalt	SW6010B	1	0.076	5.40	**17.0**		mg/Kg	05/14/24	12:44	GS	483965
Copper	SW6010B	1	0.22	5.40	**49.1**		mg/Kg	05/14/24	12:44	GS	483965
Lead	SW6010B	1	0.11	3.24	**15.9**		mg/Kg	05/14/24	12:44	GS	483965
Molybdenum	SW6010B	1	0.054	5.40	**0.405**	J	mg/Kg	05/14/24	12:44	GS	483965
Nickel	SW6010B	1	0.54	5.40	**67.0**		mg/Kg	05/14/24	12:44	GS	483965
Selenium	SW6010B	1	0.38	1.19	ND		mg/Kg	05/14/24	12:44	GS	483965
Silver	SW6010B	1	0.16	0.540	ND		mg/Kg	05/14/24	12:44	GS	483965
Thallium	SW6010B	1	0.22	5.40	ND		mg/Kg	05/14/24	12:44	GS	483965
Vanadium	SW6010B	1	0.11	5.40	**67.0**		mg/Kg	05/14/24	12:44	GS	483965
Zinc	SW6010B	1	0.32	5.40	**70.2**		mg/Kg	05/14/24	12:44	GS	483965

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/15/24 12:47:00PM
Prep Batch ID:	1160637	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	10	378	1080	ND		ug/Kg	05/15/24	16:21	AK	483996
Aroclor1221	SW8082A	10	54.0	1080	ND		ug/Kg	05/15/24	16:21	AK	483996
Aroclor1232	SW8082A	10	184	1080	ND		ug/Kg	05/15/24	16:21	AK	483996
Aroclor1242	SW8082A	10	32.4	1080	ND		ug/Kg	05/15/24	16:21	AK	483996
Aroclor1248	SW8082A	10	21.6	1080	ND		ug/Kg	05/15/24	16:21	AK	483996
Aroclor1254	SW8082A	10	151	1080	ND		ug/Kg	05/15/24	16:21	AK	483996
Aroclor1260	SW8082A	10	259	1080	**1930**		ug/Kg	05/15/24	16:21	AK	483996
Total PCB	SW8082A	10	259	1080	**1930**		ug/Kg	05/15/24	16:21	AK	483996
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**110**		%	05/15/24	16:21	AK	483996
DCBP (S)	SW8082A		48 - 135		**130**		%	05/15/24	16:21	AK	483996

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/10/24 2:57:00PM
Prep Batch ID:	1160623	**Prep Analyst:**	NDUM

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	22	ND		ug/Kg	05/14/24	19:57	MS	484036
gamma-BHC (Lindane)	SW8081B	10	1.7	22	ND		ug/Kg	05/14/24	19:57	MS	484036
beta-BHC	SW8081B	10	3.4	22	ND		ug/Kg	05/14/24	19:57	MS	484036
delta-BHC	SW8081B	10	1.7	22	ND		ug/Kg	05/14/24	19:57	MS	484036
Heptachlor	SW8081B	10	1.1	22	ND		ug/Kg	05/14/24	19:57	MS	484036
Aldrin	SW8081B	10	2.1	22	ND		ug/Kg	05/14/24	19:57	MS	484036
Heptachlor Epoxide	SW8081B	10	0.84	22	**2.39**	J	ug/Kg	05/14/24	19:57	MS	484036
gamma-Chlordane	SW8081B	10	1.8	22	**2.01**	J	ug/Kg	05/14/24	19:57	MS	484036
alpha-Chlordane	SW8081B	10	1.9	22	ND		ug/Kg	05/14/24	19:57	MS	484036
4,4'-DDE	SW8081B	10	2.1	22	**13.3**	J	ug/Kg	05/14/24	19:57	MS	484036
Endosulfan I	SW8081B	10	2.0	22	ND		ug/Kg	05/14/24	19:57	MS	484036
Dieldrin	SW8081B	10	1.6	22	ND		ug/Kg	05/14/24	19:57	MS	484036
Endrin	SW8081B	10	2.0	22	ND		ug/Kg	05/14/24	19:57	MS	484036
4,4'-DDD	SW8081B	10	6.1	22	ND		ug/Kg	05/14/24	19:57	MS	484036
Endosulfan II	SW8081B	10	6.2	22	ND		ug/Kg	05/14/24	19:57	MS	484036
4,4-DDT	SW8081B	10	1.4	22	ND		ug/Kg	05/14/24	19:57	MS	484036
Endrin Aldehyde	SW8081B	10	1.6	22	ND		ug/Kg	05/14/24	19:57	MS	484036
Methoxychlor	SW8081B	10	2.2	22	ND		ug/Kg	05/14/24	19:57	MS	484036
Endosulfan Sulfate	SW8081B	10	1.3	22	ND		ug/Kg	05/14/24	19:57	MS	484036
Endrin Ketone	SW8081B	10	4.7	22	ND		ug/Kg	05/14/24	19:57	MS	484036
Chlordane, Technical	SW8081B	10	23	220	ND		ug/Kg	05/14/24	19:57	MS	484036
Toxaphene	SW8081B	10	92	540	ND		ug/Kg	05/14/24	19:57	MS	484036
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**89.0**		%	05/14/24	19:57	MS	484036
Decachlorobiphenyl (S)	SW8081B		38 - 135		**80.2**		%	05/14/24	19:57	MS	484036

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/14/24	6:00:00PM
Prep Batch ID:	1160730	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**8.05**		%	05/15/24	23:40	KY	484003
Dry Weight Factor	D2216	1	1	1	**1.08**		-	05/15/24	23:40	KY	484003

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	1	50.6	778	ND		ug/Kg	05/15/24	4:12	TA	484020
Phenol	SW8270C	1	47.3	311	ND		ug/Kg	05/15/24	4:12	TA	484020
Bis(2-chloroethyl)ether	SW8270C	1	14.4	156	ND		ug/Kg	05/15/24	4:12	TA	484020
2-Chlorophenol	SW8270C	1	51.5	311	ND		ug/Kg	05/15/24	4:12	TA	484020
1,3-Dichlorobenzene	SW8270C	1	14.2	156	ND		ug/Kg	05/15/24	4:12	TA	484020
1,4-Dichlorobenzene	SW8270C	1	15.8	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Benzyl Alcohol	SW8270C	1	22.1	311	ND		ug/Kg	05/15/24	4:12	TA	484020
1,2-Dichlorobenzene	SW8270C	1	14.6	156	ND		ug/Kg	05/15/24	4:12	TA	484020
2-Methylphenol (o-Cresol)	SW8270C	1	31.7	311	ND		ug/Kg	05/15/24	4:12	TA	484020
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	73.5	778	ND		ug/Kg	05/15/24	4:12	TA	484020
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	33.8	311	ND		ug/Kg	05/15/24	4:12	TA	484020
N-nitroso-di-n-propylamine	SW8270C	1	14.2	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Hexachloroethane	SW8270C	1	18.4	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Nitrobenzene	SW8270C	1	13.9	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Isophorone	SW8270C	1	13.1	156	ND		ug/Kg	05/15/24	4:12	TA	484020
2-Nitrophenol	SW8270C	1	27.4	311	ND		ug/Kg	05/15/24	4:12	TA	484020
2,4-Dimethylphenol	SW8270C	1	24.6	311	ND		ug/Kg	05/15/24	4:12	TA	484020
Benzoic Acid	SW8270C	1	45.0	311	ND		ug/Kg	05/15/24	4:12	TA	484020
Bis(2-Chloroethoxy)methane	SW8270C	1	10.6	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Bis(2-chloroisopropyl)ether	SW8270C	1	13.6	156	ND		ug/Kg	05/15/24	4:12	TA	484020
2,4-Dichlorophenol	SW8270C	1	42.4	311	ND		ug/Kg	05/15/24	4:12	TA	484020
1,2,4-Trichlorobenzene	SW8270C	1	12.8	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Naphthalene	SW8270C	1	11.4	156	ND		ug/Kg	05/15/24	4:12	TA	484020
2,6-Dichlorophenol	SW8270C	1	38.7	311	ND		ug/Kg	05/15/24	4:12	TA	484020
Hexachloro-1,3-butadiene	SW8270C	1	9.00	156	ND		ug/Kg	05/15/24	4:12	TA	484020
4-Chloro-3-methylphenol	SW8270C	1	36.5	311	ND		ug/Kg	05/15/24	4:12	TA	484020
2-Methylnaphthalene	SW8270C	1	11.3	156	**14.1**	J	ug/Kg	05/15/24	4:12	TA	484020
1-Methylnaphthalene	SW8270C	1	13.2	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Hexachlorocyclopentadiene	SW8270C	1	14.0	156	ND		ug/Kg	05/15/24	4:12	TA	484020
2,4,6-Trichlorophenol	SW8270C	1	38.8	311	ND		ug/Kg	05/15/24	4:12	TA	484020
2,4,5-Trichlorophenol	SW8270C	1	36.1	311	ND		ug/Kg	05/15/24	4:12	TA	484020
2-Chloronaphthalene	SW8270C	1	11.5	156	ND		ug/Kg	05/15/24	4:12	TA	484020
1,4-Dinitrobenzene	SW8270C	1	11.1	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Dimethyl phthalate	SW8270C	1	15.3	778	ND		ug/Kg	05/15/24	4:12	TA	484020
1,3-Dinitrobenzene	SW8270C	1	11.2	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Acenaphthylene	SW8270C	1	8.94	156	ND		ug/Kg	05/15/24	4:12	TA	484020
2,6-Dinitrotoluene	SW8270C	1	12.2	156	ND		ug/Kg	05/15/24	4:12	TA	484020
1,2-Dinitrobenzene	SW8270C	1	17.0	156	ND		ug/Kg	05/15/24	4:12	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acenaphthene	SW8270C	1	11.5	156	ND		ug/Kg	05/15/24	4:12	TA	484020
2,4-Dinitrophenol	SW8270C	1	83.8	778	ND		ug/Kg	05/15/24	4:12	TA	484020
4-Nitrophenol	SW8270C	1	59.1	778	ND		ug/Kg	05/15/24	4:12	TA	484020
Dibenzofuran	SW8270C	1	12.1	156	ND		ug/Kg	05/15/24	4:12	TA	484020
2,4-Dinitrotoluene	SW8270C	1	13.1	156	ND		ug/Kg	05/15/24	4:12	TA	484020
2,3,5,6-Tetrachlorophenol	SW8270C	1	29.8	311	ND		ug/Kg	05/15/24	4:12	TA	484020
2,3,4,6-Tetrachlorophenol	SW8270C	1	34.0	311	ND		ug/Kg	05/15/24	4:12	TA	484020
Diethylphthalate	SW8270C	1	14.7	778	ND		ug/Kg	05/15/24	4:12	TA	484020
Fluorene	SW8270C	1	11.1	156	ND		ug/Kg	05/15/24	4:12	TA	484020
4-Chlorophenyl-phenylether	SW8270C	1	10.1	156	ND		ug/Kg	05/15/24	4:12	TA	484020
4,6-Dinitro-2-methylphenol	SW8270C	1	14.4	311	ND		ug/Kg	05/15/24	4:12	TA	484020
Diphenylamine	SW8270C	1	14.1	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Azobenzene	SW8270C	1	123	156	ND		ug/Kg	05/15/24	4:12	TA	484020
4-Bromophenyl-phenylether	SW8270C	1	8.88	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Hexachlorobenzene	SW8270C	1	9.35	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Pentachlorophenol	SW8270C	1	27.0	311	ND		ug/Kg	05/15/24	4:12	TA	484020
Phenanthrene	SW8270C	1	10.1	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Anthracene	SW8270C	1	9.62	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Carbazole	SW8270C	1	11.6	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Di-n-butylphthalate	SW8270C	1	14.6	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Fluoranthene	SW8270C	1	10.8	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Benzidine	SW8270C	1	159	159	ND		ug/Kg	05/15/24	4:12	TA	484020
Pyrene	SW8270C	1	12.9	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Butylbenzylphthalate	SW8270C	1	22.7	778	ND		ug/Kg	05/15/24	4:12	TA	484020
Benzo(a)anthracene	SW8270C	1	10.6	156	ND		ug/Kg	05/15/24	4:12	TA	484020
3,3-Dichlorobenzidine	SW8270C	1	127	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Chrysene	SW8270C	1	16.4	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Bis(2-Ethylhexyl)phthalate	SW8270C	1	16.6	778	ND		ug/Kg	05/15/24	4:12	TA	484020
Di-n-Octylphthalate	SW8270C	1	13.3	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Benzo(b)fluorathene	SW8270C	1	13.0	156	ND		ug/Kg	05/15/24	4:12	TA	484020
benzo(k)fluorathene	SW8270C	1	8.81	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Benzo(a)pyrene	SW8270C	1	10.6	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Indeno(1,2,3-c,d)pyrene	SW8270C	1	14.9	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Dibenzo(a,h)anthracene	SW8270C	1	13.7	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Benzo(g,h,i)perylene	SW8270C	1	18.0	156	ND		ug/Kg	05/15/24	4:12	TA	484020
Pyridine	SW8270C	1	18.0	156	ND		ug/Kg	05/15/24	4:12	TA	484020
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**54.9**		%	05/15/24	4:12	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Phenol-d6 (S)	SW8270C		24 - 113		**52.2**		%	05/15/24	4:12	TA	484020
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**27.8**		%	05/15/24	4:12	TA	484020
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**64.4**		%	05/15/24	4:12	TA	484020
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**63.6**		%	05/15/24	4:12	TA	484020
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**70.0**		%	05/15/24	4:12	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/10/24 1:36:00PM
Prep Batch ID:	1160598	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.8	4.3	**52.0**	x	mg/Kg	05/14/24	6:36	SN	483968
TPH as Motor Oil	SW8015B	1	6.9	22	**108**		mg/Kg	05/14/24	6:36	SN	483968
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**110**		%	05/14/24	6:36	SN	483968

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.1	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Chloromethane	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Vinyl Chloride	SW8260B	1	1.8	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Bromomethane	SW8260B	1	2.3	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Chloroethane	SW8260B	1	2.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Trichlorofluoromethane	SW8260B	1	1.8	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,1-Dichloroethene	SW8260B	1	1.8	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Freon 113	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Methylene Chloride	SW8260B	1	6.2	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
trans-1,2-Dichloroethene	SW8260B	1	1.8	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
MTBE	SW8260B	1	2.0	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,1-Dichloroethane	SW8260B	1	1.9	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
cis-1,2-Dichloroethene	SW8260B	1	1.9	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
2,2-Dichloropropane	SW8260B	1	1.7	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Bromochloromethane	SW8260B	1	2.0	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Chloroform	SW8260B	1	2.0	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Carbon Tetrachloride	SW8260B	1	1.8	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,1,1-Trichloroethane	SW8260B	1	1.8	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,1-Dichloropropene	SW8260B	1	1.7	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Benzene	SW8260B	1	1.9	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,2-Dichloroethane	SW8260B	1	2.0	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Trichloroethene	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Dibromomethane	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,2-Dichloropropane	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Bromodichloromethane	SW8260B	1	1.7	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
cis-1,3-Dichloropropene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Toluene	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Tetrachloroethene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
trans-1,3-Dichloropropene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,1,2-Trichloroethane	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Dibromochloromethane	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,3-Dichloropropane	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,2-Dibromoethane	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Chlorobenzene	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Ethylbenzene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,1,1,2-Tetrachloroethane	SW8260B	1	1.7	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
m,p-Xylene	SW8260B	1	2.7	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
o-Xylene	SW8260B	1	1.5	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Bromoform	SW8260B	1	1.5	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Isopropyl Benzene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
n-Propylbenzene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Bromobenzene	SW8260B	1	1.5	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,1,2,2-Tetrachloroethane	SW8260B	1	1.7	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
2-Chlorotoluene	SW8260B	1	1.5	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,3,5-Trimethylbenzene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,2,3-Trichloropropane	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
4-Chlorotoluene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
tert-Butylbenzene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,2,4-Trimethylbenzene	SW8260B	1	1.2	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
sec-Butyl Benzene	SW8260B	1	1.3	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
p-Isopropyltoluene	SW8260B	1	1.3	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,3-Dichlorobenzene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,4-Dichlorobenzene	SW8260B	1	1.5	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
n-Butylbenzene	SW8260B	1	1.3	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,2-Dichlorobenzene	SW8260B	1	1.5	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.6	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Hexachlorobutadiene	SW8260B	1	1.2	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,2,4-Trichlorobenzene	SW8260B	1	1.3	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
Naphthalene	SW8260B	1	1.5	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
1,2,3-Trichlorobenzene	SW8260B	1	1.4	8.7	ND		ug/Kg	05/16/24	16:59	HV	484066
2-Butanone	SW8260B	1	2.0	8.67	ND		ug/Kg	05/16/24	16:59	HV	484066
Acetone	SW8260B	1	7.1	17.3	**9.86**	J	ug/Kg	05/16/24	16:59	HV	484066
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**77.2**		%	05/16/24	16:59	HV	484066
(S) Toluene-d8	SW8260B		55.2 - 133		**102**		%	05/16/24	16:59	HV	484066
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**83.9**		%	05/16/24	16:59	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(1-1.5)	**Lab Sample ID:**	2405083-003B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:14		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160801	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	37	87	ND		ug/Kg	05/16/24	16:59	HV	484066
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**98.4**		%	05/16/24	16:59	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 4:50:00PM
Prep Batch ID:	1160673	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.11	0.63	ND		mg/Kg	05/14/24	12:33	BJAY	483993

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.063	6.30	**1.45**	J	mg/Kg	05/14/24	12:45	GS	483965
Arsenic	SW6010B	1	0.19	1.64	**2.01**		mg/Kg	05/14/24	12:45	GS	483965
Barium	SW6010B	1	0.069	6.30	**152**		mg/Kg	05/14/24	12:45	GS	483965
Beryllium	SW6010B	1	0.069	6.30	**0.599**	J	mg/Kg	05/14/24	12:45	GS	483965
Cadmium	SW6010B	1	0.13	0.945	**0.397**	J	mg/Kg	05/14/24	12:45	GS	483965
Chromium	SW6010B	1	0.095	6.30	**50.8**		mg/Kg	05/14/24	12:45	GS	483965
Cobalt	SW6010B	1	0.088	6.30	**9.26**		mg/Kg	05/14/24	12:45	GS	483965
Copper	SW6010B	1	0.25	6.30	**34.1**		mg/Kg	05/14/24	12:45	GS	483965
Lead	SW6010B	1	0.13	3.78	**5.90**		mg/Kg	05/14/24	12:45	GS	483965
Molybdenum	SW6010B	1	0.063	6.30	**0.265**	J	mg/Kg	05/14/24	12:45	GS	483965
Nickel	SW6010B	1	0.63	6.30	**58.5**		mg/Kg	05/14/24	12:45	GS	483965
Selenium	SW6010B	1	0.44	1.39	ND		mg/Kg	05/14/24	12:45	GS	483965
Silver	SW6010B	1	0.19	0.630	ND		mg/Kg	05/14/24	12:45	GS	483965
Thallium	SW6010B	1	0.25	6.30	ND		mg/Kg	05/14/24	12:45	GS	483965
Vanadium	SW6010B	1	0.13	6.30	**37.2**		mg/Kg	05/14/24	12:45	GS	483965
Zinc	SW6010B	1	0.38	6.30	**55.0**		mg/Kg	05/14/24	12:45	GS	483965

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/15/24 12:47:00PM
Prep Batch ID:	1160637	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	44.1	126	ND		ug/Kg	05/15/24	13:31	AK	483996
Aroclor1221	SW8082A	1	6.30	126	ND		ug/Kg	05/15/24	13:31	AK	483996
Aroclor1232	SW8082A	1	21.4	126	ND		ug/Kg	05/15/24	13:31	AK	483996
Aroclor1242	SW8082A	1	3.78	126	ND		ug/Kg	05/15/24	13:31	AK	483996
Aroclor1248	SW8082A	1	2.52	126	ND		ug/Kg	05/15/24	13:31	AK	483996
Aroclor1254	SW8082A	1	17.6	126	ND		ug/Kg	05/15/24	13:31	AK	483996
Aroclor1260	SW8082A	1	30.2	126	ND		ug/Kg	05/15/24	13:31	AK	483996
Total PCB	SW8082A	1	30.2	126	ND		ug/Kg	05/15/24	13:31	AK	483996
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**94.0**		%	05/15/24	13:31	AK	483996
DCBP (S)	SW8082A		48 - 135		**97.0**		%	05/15/24	13:31	AK	483996

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/10/24	2:57:00PM
Prep Batch ID:	1160623	**Prep Analyst:**	NDUM	

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	1	0.16	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
gamma-BHC (Lindane)	SW8081B	1	0.20	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
beta-BHC	SW8081B	1	0.40	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
delta-BHC	SW8081B	1	0.20	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Heptachlor	SW8081B	1	0.13	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Aldrin	SW8081B	1	0.25	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Heptachlor Epoxide	SW8081B	1	0.098	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
gamma-Chlordane	SW8081B	1	0.21	2.5	**0.688**	J	ug/Kg	05/14/24	20:10	MS	484036
alpha-Chlordane	SW8081B	1	0.22	2.5	**0.421**	J	ug/Kg	05/14/24	20:10	MS	484036
4,4'-DDE	SW8081B	1	0.24	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Endosulfan I	SW8081B	1	0.23	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Dieldrin	SW8081B	1	0.19	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Endrin	SW8081B	1	0.24	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
4,4'-DDD	SW8081B	1	0.71	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Endosulfan II	SW8081B	1	0.73	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
4,4-DDT	SW8081B	1	0.16	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Endrin Aldehyde	SW8081B	1	0.19	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Methoxychlor	SW8081B	1	0.25	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Endosulfan Sulfate	SW8081B	1	0.15	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Endrin Ketone	SW8081B	1	0.55	2.5	ND		ug/Kg	05/14/24	20:10	MS	484036
Chlordane, Technical	SW8081B	1	2.7	25	**10.1**	J	ug/Kg	05/14/24	20:10	MS	484036
Toxaphene	SW8081B	1	11	63	ND		ug/Kg	05/14/24	20:10	MS	484036
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**79.1**		%	05/14/24	20:10	MS	484036
Decachlorobiphenyl (S)	SW8081B		38 - 135		**81.5**		%	05/14/24	20:10	MS	484036

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/14/24 6:00:00PM
Prep Batch ID:	1160730	**Prep Analyst:**	KEYO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**25.8**		%	05/15/24	23:40	KY	484003
Dry Weight Factor	D2216	1	1	1	**1.26**		-	05/15/24	23:40	KY	484003

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	10	591	9070	ND		ug/Kg	05/15/24	4:40	TA	484020
Phenol	SW8270C	10	552	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
Bis(2-chloroethyl)ether	SW8270C	10	167	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
2-Chlorophenol	SW8270C	10	601	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
1,3-Dichlorobenzene	SW8270C	10	166	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
1,4-Dichlorobenzene	SW8270C	10	184	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Benzyl Alcohol	SW8270C	10	258	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
1,2-Dichlorobenzene	SW8270C	10	170	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
2-Methylphenol (o-Cresol)	SW8270C	10	370	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	10	857	9070	ND		ug/Kg	05/15/24	4:40	TA	484020
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	10	395	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
N-nitroso-di-n-propylamine	SW8270C	10	166	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Hexachloroethane	SW8270C	10	215	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Nitrobenzene	SW8270C	10	162	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Isophorone	SW8270C	10	153	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
2-Nitrophenol	SW8270C	10	320	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
2,4-Dimethylphenol	SW8270C	10	287	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
Benzoic Acid	SW8270C	10	526	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
Bis(2-Chloroethoxy)methane	SW8270C	10	123	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Bis(2-chloroisopropyl)ether	SW8270C	10	159	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
2,4-Dichlorophenol	SW8270C	10	495	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
1,2,4-Trichlorobenzene	SW8270C	10	149	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Naphthalene	SW8270C	10	133	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
2,6-Dichlorophenol	SW8270C	10	451	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
Hexachloro-1,3-butadiene	SW8270C	10	105	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
4-Chloro-3-methylphenol	SW8270C	10	426	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
2-Methylnaphthalene	SW8270C	10	131	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
1-Methylnaphthalene	SW8270C	10	154	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Hexachlorocyclopentadiene	SW8270C	10	163	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
2,4,6-Trichlorophenol	SW8270C	10	453	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
2,4,5-Trichlorophenol	SW8270C	10	421	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
2-Chloronaphthalene	SW8270C	10	134	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
1,4-Dinitrobenzene	SW8270C	10	130	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Dimethyl phthalate	SW8270C	10	178	9070	ND		ug/Kg	05/15/24	4:40	TA	484020
1,3-Dinitrobenzene	SW8270C	10	131	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Acenaphthylene	SW8270C	10	104	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
2,6-Dinitrotoluene	SW8270C	10	143	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
1,2-Dinitrobenzene	SW8270C	10	199	1810	ND		ug/Kg	05/15/24	4:40	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acenaphthene	SW8270C	10	134	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
2,4-Dinitrophenol	SW8270C	10	977	9070	ND		ug/Kg	05/15/24	4:40	TA	484020
4-Nitrophenol	SW8270C	10	690	9070	ND		ug/Kg	05/15/24	4:40	TA	484020
Dibenzofuran	SW8270C	10	141	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
2,4-Dinitrotoluene	SW8270C	10	152	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
2,3,5,6-Tetrachlorophenol	SW8270C	10	348	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
2,3,4,6-Tetrachlorophenol	SW8270C	10	397	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
Diethylphthalate	SW8270C	10	172	9070	ND		ug/Kg	05/15/24	4:40	TA	484020
Fluorene	SW8270C	10	130	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
4-Chlorophenyl-phenylether	SW8270C	10	117	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
4,6-Dinitro-2-methylphenol	SW8270C	10	169	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
Diphenylamine	SW8270C	10	164	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Azobenzene	SW8270C	10	1430	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
4-Bromophenyl-phenylether	SW8270C	10	104	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Hexachlorobenzene	SW8270C	10	109	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Pentachlorophenol	SW8270C	10	315	3630	ND		ug/Kg	05/15/24	4:40	TA	484020
Phenanthrene	SW8270C	10	117	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Anthracene	SW8270C	10	112	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Carbazole	SW8270C	10	135	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Di-n-butylphthalate	SW8270C	10	170	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Fluoranthene	SW8270C	10	126	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Benzidine	SW8270C	10	1850	1850	ND		ug/Kg	05/15/24	4:40	TA	484020
Pyrene	SW8270C	10	151	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Butylbenzylphthalate	SW8270C	10	265	9070	ND		ug/Kg	05/15/24	4:40	TA	484020
Benzo(a)anthracene	SW8270C	10	124	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
3,3-Dichlorobenzidine	SW8270C	10	1480	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Chrysene	SW8270C	10	191	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Bis(2-Ethylhexyl)phthalate	SW8270C	10	193	9070	ND		ug/Kg	05/15/24	4:40	TA	484020
Di-n-Octylphthalate	SW8270C	10	155	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Benzo(b)fluorathene	SW8270C	10	152	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
benzo(k)fluorathene	SW8270C	10	103	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Benzo(a)pyrene	SW8270C	10	123	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Indeno(1,2,3-c,d)pyrene	SW8270C	10	174	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Dibenzo(a,h)anthracene	SW8270C	10	160	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Benzo(g,h,i)perylene	SW8270C	10	210	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
Pyridine	SW8270C	10	210	1810	ND		ug/Kg	05/15/24	4:40	TA	484020
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**70.9**	D	%	05/15/24	4:40	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Phenol-d6 (S)	SW8270C		24 - 113		**72.4**	D	%	05/15/24	4:40	TA	484020
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**67.5**	D	%	05/15/24	4:40	TA	484020
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**92.5**	D	%	05/15/24	4:40	TA	484020
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**79.7**	D	%	05/15/24	4:40	TA	484020
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**101**	D	%	05/15/24	4:40	TA	484020

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/10/24 1:36:00PM
Prep Batch ID:	1160598	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.1	2.5	**9.26**	x	mg/Kg	05/14/24	7:01	SN	483968
TPH as Motor Oil	SW8015B	1	4.0	13	**15.2**		mg/Kg	05/14/24	7:01	SN	483968
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**98.3**		%	05/14/24	7:01	SN	483968

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.4	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Chloromethane	SW8260B	1	2.0	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Vinyl Chloride	SW8260B	1	2.3	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Bromomethane	SW8260B	1	3.0	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Chloroethane	SW8260B	1	3.3	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Trichlorofluoromethane	SW8260B	1	2.3	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,1-Dichloroethene	SW8260B	1	2.2	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Freon 113	SW8260B	1	2.1	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Methylene Chloride	SW8260B	1	7.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
trans-1,2-Dichloroethene	SW8260B	1	2.3	11	ND		ug/Kg	05/16/24	17:29	HV	484066
MTBE	SW8260B	1	2.6	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,1-Dichloroethane	SW8260B	1	2.4	11	ND		ug/Kg	05/16/24	17:29	HV	484066
cis-1,2-Dichloroethene	SW8260B	1	2.5	11	ND		ug/Kg	05/16/24	17:29	HV	484066
2,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Bromochloromethane	SW8260B	1	2.6	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Chloroform	SW8260B	1	2.6	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Carbon Tetrachloride	SW8260B	1	2.3	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,1,1-Trichloroethane	SW8260B	1	2.3	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,1-Dichloropropene	SW8260B	1	2.2	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Benzene	SW8260B	1	2.5	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,2-Dichloroethane	SW8260B	1	2.6	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Trichloroethene	SW8260B	1	2.0	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Dibromomethane	SW8260B	1	2.0	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,2-Dichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Bromodichloromethane	SW8260B	1	2.2	11	ND		ug/Kg	05/16/24	17:29	HV	484066
cis-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Toluene	SW8260B	1	2.0	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Tetrachloroethene	SW8260B	1	1.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
trans-1,3-Dichloropropene	SW8260B	1	1.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,1,2-Trichloroethane	SW8260B	1	2.0	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Dibromochloromethane	SW8260B	1	2.1	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,3-Dichloropropane	SW8260B	1	2.0	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,2-Dibromoethane	SW8260B	1	2.0	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Chlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Ethylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,1,1,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	05/16/24	17:29	HV	484066
m,p-Xylene	SW8260B	1	3.5	11	ND		ug/Kg	05/16/24	17:29	HV	484066
o-Xylene	SW8260B	1	1.9	11	ND		ug/Kg	05/16/24	17:29	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Bromoform	SW8260B	1	1.9	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Isopropyl Benzene	SW8260B	1	1.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
n-Propylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Bromobenzene	SW8260B	1	1.9	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,1,2,2-Tetrachloroethane	SW8260B	1	2.1	11	ND		ug/Kg	05/16/24	17:29	HV	484066
2-Chlorotoluene	SW8260B	1	1.9	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,3,5-Trimethylbenzene	SW8260B	1	1.7	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,2,3-Trichloropropane	SW8260B	1	2.1	11	ND		ug/Kg	05/16/24	17:29	HV	484066
4-Chlorotoluene	SW8260B	1	1.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
tert-Butylbenzene	SW8260B	1	1.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,2,4-Trimethylbenzene	SW8260B	1	1.5	11	ND		ug/Kg	05/16/24	17:29	HV	484066
sec-Butyl Benzene	SW8260B	1	1.7	11	ND		ug/Kg	05/16/24	17:29	HV	484066
p-Isopropyltoluene	SW8260B	1	1.6	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,3-Dichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,4-Dichlorobenzene	SW8260B	1	1.9	11	ND		ug/Kg	05/16/24	17:29	HV	484066
n-Butylbenzene	SW8260B	1	1.6	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,2-Dichlorobenzene	SW8260B	1	2.0	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.0	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Hexachlorobutadiene	SW8260B	1	1.5	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,2,4-Trichlorobenzene	SW8260B	1	1.6	11	ND		ug/Kg	05/16/24	17:29	HV	484066
Naphthalene	SW8260B	1	1.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
1,2,3-Trichlorobenzene	SW8260B	1	1.8	11	ND		ug/Kg	05/16/24	17:29	HV	484066
2-Butanone	SW8260B	1	2.5	11.0	ND		ug/Kg	05/16/24	17:29	HV	484066
Acetone	SW8260B	1	9.0	22.1	**18.6**	J	ug/Kg	05/16/24	17:29	HV	484066
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**75.4**		%	05/16/24	17:29	HV	484066
(S) Toluene-d8	SW8260B		55.2 - 133		**104**		%	05/16/24	17:29	HV	484066
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**85.0**		%	05/16/24	17:29	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-6(5-5.5)	**Lab Sample ID:**	2405083-004B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 10:16		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/16/24	11:27:00AM
Prep Batch ID:	1160801	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	48	110	ND		ug/Kg	05/16/24	17:29	HV	484066
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**103**		%	05/16/24	17:29	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 4:50:00PM
Prep Batch ID:	1160673	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.089	0.54	**0.30**	J	mg/Kg	05/14/24	12:35	BJAY	483993

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.054	5.35	**1.67**	J	mg/Kg	05/14/24	12:47	GS	483965
Arsenic	SW6010B	1	0.16	1.39	**4.06**		mg/Kg	05/14/24	12:47	GS	483965
Barium	SW6010B	1	0.059	5.35	**460**		mg/Kg	05/14/24	12:47	GS	483965
Beryllium	SW6010B	1	0.059	5.35	**0.198**	J	mg/Kg	05/14/24	12:47	GS	483965
Cadmium	SW6010B	1	0.11	0.803	**0.797**	J	mg/Kg	05/14/24	12:47	GS	483965
Chromium	SW6010B	1	0.080	5.35	**61.5**		mg/Kg	05/14/24	12:47	GS	483965
Cobalt	SW6010B	1	0.075	5.35	**14.8**		mg/Kg	05/14/24	12:47	GS	483965
Copper	SW6010B	1	0.21	5.35	**34.7**		mg/Kg	05/14/24	12:47	GS	483965
Lead	SW6010B	1	0.11	3.21	**2.20**	J	mg/Kg	05/14/24	12:47	GS	483965
Molybdenum	SW6010B	1	0.054	5.35	**1.74**	J	mg/Kg	05/14/24	12:47	GS	483965
Nickel	SW6010B	1	0.54	5.35	**66.9**		mg/Kg	05/14/24	12:47	GS	483965
Selenium	SW6010B	1	0.37	1.18	**0.936**	J	mg/Kg	05/14/24	12:47	GS	483965
Silver	SW6010B	1	0.16	0.535	ND		mg/Kg	05/14/24	12:47	GS	483965
Thallium	SW6010B	1	0.21	5.35	ND		mg/Kg	05/14/24	12:47	GS	483965
Vanadium	SW6010B	1	0.11	5.35	**58.9**		mg/Kg	05/14/24	12:47	GS	483965
Zinc	SW6010B	1	0.32	5.35	**59.9**		mg/Kg	05/14/24	12:47	GS	483965

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/15/24 12:47:00PM
Prep Batch ID:	1160637	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	37.5	107	ND		ug/Kg	05/15/24	13:46	AK	483996
Aroclor1221	SW8082A	1	5.35	107	ND		ug/Kg	05/15/24	13:46	AK	483996
Aroclor1232	SW8082A	1	18.2	107	ND		ug/Kg	05/15/24	13:46	AK	483996
Aroclor1242	SW8082A	1	3.21	107	ND		ug/Kg	05/15/24	13:46	AK	483996
Aroclor1248	SW8082A	1	2.14	107	ND		ug/Kg	05/15/24	13:46	AK	483996
Aroclor1254	SW8082A	1	15.0	107	ND		ug/Kg	05/15/24	13:46	AK	483996
Aroclor1260	SW8082A	1	25.7	107	**199**		ug/Kg	05/15/24	13:46	AK	483996
Total PCB	SW8082A	1	25.7	107	**199**		ug/Kg	05/15/24	13:46	AK	483996
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**94.0**		%	05/15/24	13:46	AK	483996
DCBP (S)	SW8082A		48 - 135		**101**		%	05/15/24	13:46	AK	483996

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/10/24 2:57:00PM
Prep Batch ID:	1160623	**Prep Analyst:**	NDUM

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	05/14/24	20:25	MS	484036
gamma-BHC (Lindane)	SW8081B	10	1.7	21	ND		ug/Kg	05/14/24	20:25	MS	484036
beta-BHC	SW8081B	10	3.4	21	ND		ug/Kg	05/14/24	20:25	MS	484036
delta-BHC	SW8081B	10	1.7	21	ND		ug/Kg	05/14/24	20:25	MS	484036
Heptachlor	SW8081B	10	1.1	21	ND		ug/Kg	05/14/24	20:25	MS	484036
Aldrin	SW8081B	10	2.1	21	ND		ug/Kg	05/14/24	20:25	MS	484036
Heptachlor Epoxide	SW8081B	10	0.83	21	**1.92**	J	ug/Kg	05/14/24	20:25	MS	484036
gamma-Chlordane	SW8081B	10	1.7	21	**2.05**	J	ug/Kg	05/14/24	20:25	MS	484036
alpha-Chlordane	SW8081B	10	1.9	21	**2.61**	J	ug/Kg	05/14/24	20:25	MS	484036
4,4'-DDE	SW8081B	10	2.1	21	**14.7**	J	ug/Kg	05/14/24	20:25	MS	484036
Endosulfan I	SW8081B	10	2.0	21	ND		ug/Kg	05/14/24	20:25	MS	484036
Dieldrin	SW8081B	10	1.6	21	ND		ug/Kg	05/14/24	20:25	MS	484036
Endrin	SW8081B	10	2.0	21	ND		ug/Kg	05/14/24	20:25	MS	484036
4,4'-DDD	SW8081B	10	6.0	21	ND		ug/Kg	05/14/24	20:25	MS	484036
Endosulfan II	SW8081B	10	6.2	21	ND		ug/Kg	05/14/24	20:25	MS	484036
4,4-DDT	SW8081B	10	1.4	21	ND		ug/Kg	05/14/24	20:25	MS	484036
Endrin Aldehyde	SW8081B	10	1.6	21	ND		ug/Kg	05/14/24	20:25	MS	484036
Methoxychlor	SW8081B	10	2.1	21	ND		ug/Kg	05/14/24	20:25	MS	484036
Endosulfan Sulfate	SW8081B	10	1.3	21	ND		ug/Kg	05/14/24	20:25	MS	484036
Endrin Ketone	SW8081B	10	4.6	21	ND		ug/Kg	05/14/24	20:25	MS	484036
Chlordane, Technical	SW8081B	10	23	210	ND		ug/Kg	05/14/24	20:25	MS	484036
Toxaphene	SW8081B	10	91	540	ND		ug/Kg	05/14/24	20:25	MS	484036
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**85.3**		%	05/14/24	20:25	MS	484036
Decachlorobiphenyl (S)	SW8081B		38 - 135		**75.5**		%	05/14/24	20:25	MS	484036

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/14/24 6:00:00PM
Prep Batch ID:	1160730	**Prep Analyst:**	KEYO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**6.69**		%	05/15/24	23:40	KY	484003
Dry Weight Factor	D2216	1	1	1	**1.07**		-	05/15/24	23:40	KY	484003

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	10	502	7700	ND		ug/Kg	05/15/24	5:09	TA	484020
Phenol	SW8270C	10	469	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
Bis(2-chloroethyl)ether	SW8270C	10	142	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
2-Chlorophenol	SW8270C	10	510	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
1,3-Dichlorobenzene	SW8270C	10	141	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
1,4-Dichlorobenzene	SW8270C	10	157	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Benzyl Alcohol	SW8270C	10	219	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
1,2-Dichlorobenzene	SW8270C	10	145	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
2-Methylphenol (o-Cresol)	SW8270C	10	314	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	10	728	7700	ND		ug/Kg	05/15/24	5:09	TA	484020
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	10	335	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
N-nitroso-di-n-propylamine	SW8270C	10	141	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Hexachloroethane	SW8270C	10	183	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Nitrobenzene	SW8270C	10	137	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Isophorone	SW8270C	10	130	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
2-Nitrophenol	SW8270C	10	272	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
2,4-Dimethylphenol	SW8270C	10	244	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
Benzoic Acid	SW8270C	10	446	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
Bis(2-Chloroethoxy)methane	SW8270C	10	105	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Bis(2-chloroisopropyl)ether	SW8270C	10	135	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
2,4-Dichlorophenol	SW8270C	10	420	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
1,2,4-Trichlorobenzene	SW8270C	10	127	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Naphthalene	SW8270C	10	113	1540	**124**	J	ug/Kg	05/15/24	5:09	TA	484020
2,6-Dichlorophenol	SW8270C	10	383	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
Hexachloro-1,3-butadiene	SW8270C	10	89.2	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
4-Chloro-3-methylphenol	SW8270C	10	362	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
2-Methylnaphthalene	SW8270C	10	112	1540	**259**	J	ug/Kg	05/15/24	5:09	TA	484020
1-Methylnaphthalene	SW8270C	10	130	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Hexachlorocyclopentadiene	SW8270C	10	139	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
2,4,6-Trichlorophenol	SW8270C	10	385	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
2,4,5-Trichlorophenol	SW8270C	10	357	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
2-Chloronaphthalene	SW8270C	10	113	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
1,4-Dinitrobenzene	SW8270C	10	110	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Dimethyl phthalate	SW8270C	10	151	7700	ND		ug/Kg	05/15/24	5:09	TA	484020
1,3-Dinitrobenzene	SW8270C	10	111	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Acenaphthylene	SW8270C	10	88.6	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
2,6-Dinitrotoluene	SW8270C	10	121	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
1,2-Dinitrobenzene	SW8270C	10	169	1540	ND		ug/Kg	05/15/24	5:09	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acenaphthene	SW8270C	10	114	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
2,4-Dinitrophenol	SW8270C	10	830	7700	ND		ug/Kg	05/15/24	5:09	TA	484020
4-Nitrophenol	SW8270C	10	586	7700	ND		ug/Kg	05/15/24	5:09	TA	484020
Dibenzofuran	SW8270C	10	120	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
2,4-Dinitrotoluene	SW8270C	10	129	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
2,3,5,6-Tetrachlorophenol	SW8270C	10	295	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
2,3,4,6-Tetrachlorophenol	SW8270C	10	337	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
Diethylphthalate	SW8270C	10	146	7700	ND		ug/Kg	05/15/24	5:09	TA	484020
Fluorene	SW8270C	10	110	1540	**131**	J	ug/Kg	05/15/24	5:09	TA	484020
4-Chlorophenyl-phenylether	SW8270C	10	99.7	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
4,6-Dinitro-2-methylphenol	SW8270C	10	143	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
Diphenylamine	SW8270C	10	140	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Azobenzene	SW8270C	10	1220	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
4-Bromophenyl-phenylether	SW8270C	10	88.0	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Hexachlorobenzene	SW8270C	10	92.6	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Pentachlorophenol	SW8270C	10	267	3080	ND		ug/Kg	05/15/24	5:09	TA	484020
Phenanthrene	SW8270C	10	99.7	1540	**401**	J	ug/Kg	05/15/24	5:09	TA	484020
Anthracene	SW8270C	10	95.3	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Carbazole	SW8270C	10	115	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Di-n-butylphthalate	SW8270C	10	144	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Fluoranthene	SW8270C	10	107	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Benzidine	SW8270C	10	1570	1570	ND		ug/Kg	05/15/24	5:09	TA	484020
Pyrene	SW8270C	10	128	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Butylbenzylphthalate	SW8270C	10	225	7700	ND		ug/Kg	05/15/24	5:09	TA	484020
Benzo(a)anthracene	SW8270C	10	105	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
3,3-Dichlorobenzidine	SW8270C	10	1260	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Chrysene	SW8270C	10	162	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Bis(2-Ethylhexyl)phthalate	SW8270C	10	164	7700	ND		ug/Kg	05/15/24	5:09	TA	484020
Di-n-Octylphthalate	SW8270C	10	131	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Benzo(b)fluorathene	SW8270C	10	129	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
benzo(k)fluorathene	SW8270C	10	87.3	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Benzo(a)pyrene	SW8270C	10	105	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Indeno(1,2,3-c,d)pyrene	SW8270C	10	148	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Dibenzo(a,h)anthracene	SW8270C	10	136	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Benzo(g,h,i)perylene	SW8270C	10	178	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
Pyridine	SW8270C	10	178	1540	ND		ug/Kg	05/15/24	5:09	TA	484020
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**60.3**		%	05/15/24	5:09	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24	1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Phenol-d6 (S)	SW8270C		24 - 113		**60.4**		%	05/15/24	5:09	TA	484020
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**42.3**		%	05/15/24	5:09	TA	484020
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**79.0**		%	05/15/24	5:09	TA	484020
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**69.5**		%	05/15/24	5:09	TA	484020
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**90.5**		%	05/15/24	5:09	TA	484020

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/10/24 1:36:00PM
Prep Batch ID:	1160598	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	3.6	8.6	**129**	x	mg/Kg	05/14/24	7:26	SN	483968
TPH as Motor Oil	SW8015B	1	14	43	**412**		mg/Kg	05/14/24	7:26	SN	483968
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**117**		%	05/14/24	7:26	SN	483968

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.0	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Chloromethane	SW8260B	1	1.5	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Vinyl Chloride	SW8260B	1	1.7	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Bromomethane	SW8260B	1	2.3	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Chloroethane	SW8260B	1	2.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Trichlorofluoromethane	SW8260B	1	1.7	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,1-Dichloroethene	SW8260B	1	1.7	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Freon 113	SW8260B	1	1.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Methylene Chloride	SW8260B	1	6.0	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
trans-1,2-Dichloroethene	SW8260B	1	1.8	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
MTBE	SW8260B	1	2.0	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,1-Dichloroethane	SW8260B	1	1.9	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
cis-1,2-Dichloroethene	SW8260B	1	1.9	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
2,2-Dichloropropane	SW8260B	1	1.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Bromochloromethane	SW8260B	1	2.0	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Chloroform	SW8260B	1	2.0	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Carbon Tetrachloride	SW8260B	1	1.7	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,1,1-Trichloroethane	SW8260B	1	1.8	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,1-Dichloropropene	SW8260B	1	1.7	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Benzene	SW8260B	1	1.9	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,2-Dichloroethane	SW8260B	1	2.0	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Trichloroethene	SW8260B	1	1.5	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Dibromomethane	SW8260B	1	1.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,2-Dichloropropane	SW8260B	1	1.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Bromodichloromethane	SW8260B	1	1.7	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
cis-1,3-Dichloropropene	SW8260B	1	1.3	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Toluene	SW8260B	1	1.5	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Tetrachloroethene	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
trans-1,3-Dichloropropene	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,1,2-Trichloroethane	SW8260B	1	1.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Dibromochloromethane	SW8260B	1	1.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,3-Dichloropropane	SW8260B	1	1.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,2-Dibromoethane	SW8260B	1	1.5	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Chlorobenzene	SW8260B	1	1.5	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Ethylbenzene	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,1,1,2-Tetrachloroethane	SW8260B	1	1.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
m,p-Xylene	SW8260B	1	2.7	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
o-Xylene	SW8260B	1	1.5	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Bromoform	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Isopropyl Benzene	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
n-Propylbenzene	SW8260B	1	1.3	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Bromobenzene	SW8260B	1	1.5	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,1,2,2-Tetrachloroethane	SW8260B	1	1.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
2-Chlorotoluene	SW8260B	1	1.5	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,3,5-Trimethylbenzene	SW8260B	1	1.3	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,2,3-Trichloropropane	SW8260B	1	1.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
4-Chlorotoluene	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
tert-Butylbenzene	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,2,4-Trimethylbenzene	SW8260B	1	1.2	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
sec-Butyl Benzene	SW8260B	1	1.3	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
p-Isopropyltoluene	SW8260B	1	1.2	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,3-Dichlorobenzene	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,4-Dichlorobenzene	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
n-Butylbenzene	SW8260B	1	1.2	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,2-Dichlorobenzene	SW8260B	1	1.5	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.6	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Hexachlorobutadiene	SW8260B	1	1.2	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,2,4-Trichlorobenzene	SW8260B	1	1.2	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
Naphthalene	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
1,2,3-Trichlorobenzene	SW8260B	1	1.4	8.5	ND		ug/Kg	05/16/24	17:58	HV	484066
2-Butanone	SW8260B	1	1.9	8.47	ND		ug/Kg	05/16/24	17:58	HV	484066
Acetone	SW8260B	1	6.9	16.9	**10.9**	J	ug/Kg	05/16/24	17:58	HV	484066
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**67.3**		%	05/16/24	17:58	HV	484066
(S) Toluene-d8	SW8260B		55.2 - 133		**110**		%	05/16/24	17:58	HV	484066
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**76.5**		%	05/16/24	17:58	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(1-1.5)	**Lab Sample ID:**	2405083-005B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:42		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/16/24	11:27:00AM
Prep Batch ID:	1160801	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	37	85	ND		ug/Kg	05/16/24	17:58	HV	484066
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**60.9**		%	05/16/24	17:58	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 4:50:00PM
Prep Batch ID:	1160673	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.10	0.61	**0.17**	J	mg/Kg	05/14/24	12:37	BJAY	483993

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 4:40:00PM
Prep Batch ID:	1160672	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.061	6.10	**2.48**	J	mg/Kg	05/14/24	12:49	GS	483965
Arsenic	SW6010B	1	0.18	1.59	**139**		mg/Kg	05/14/24	12:49	GS	483965
Barium	SW6010B	1	0.067	6.10	**154**		mg/Kg	05/14/24	12:49	GS	483965
Beryllium	SW6010B	1	0.067	6.10	**0.567**	J	mg/Kg	05/14/24	12:49	GS	483965
Cadmium	SW6010B	1	0.12	0.915	**0.506**	J	mg/Kg	05/14/24	12:49	GS	483965
Chromium	SW6010B	1	0.092	6.10	**51.5**		mg/Kg	05/14/24	12:49	GS	483965
Cobalt	SW6010B	1	0.085	6.10	**10.7**		mg/Kg	05/14/24	12:49	GS	483965
Copper	SW6010B	1	0.24	6.10	**35.8**		mg/Kg	05/14/24	12:49	GS	483965
Lead	SW6010B	1	0.12	3.66	**14.3**		mg/Kg	05/14/24	12:49	GS	483965
Molybdenum	SW6010B	1	0.061	6.10	**0.671**	J	mg/Kg	05/14/24	12:49	GS	483965
Nickel	SW6010B	1	0.61	6.10	**65.3**		mg/Kg	05/14/24	12:49	GS	483965
Selenium	SW6010B	1	0.43	1.34	ND		mg/Kg	05/14/24	12:49	GS	483965
Silver	SW6010B	1	0.18	0.610	ND		mg/Kg	05/14/24	12:49	GS	483965
Thallium	SW6010B	1	0.24	6.10	ND		mg/Kg	05/14/24	12:49	GS	483965
Vanadium	SW6010B	1	0.12	6.10	**39.6**		mg/Kg	05/14/24	12:49	GS	483965
Zinc	SW6010B	1	0.37	6.10	**73.2**		mg/Kg	05/14/24	12:49	GS	483965

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	WET/3010B	**Prep Batch Date/Time:**	5/24/24	11:00:00AM
Prep Batch ID:	1161030	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic (STLC)	SW6010B-STLC	1	0.20	0.40	**7.16**		mg/L	05/24/24	13:30	AT	484314

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	1311/3010A	**Prep Batch Date/Time:**	5/24/24	10:20:00AM
Prep Batch ID:	1161026	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic (TCLP)	SW6010B-TCLP	1	0.20	0.40	**1.27**		mg/L	05/24/24	14:10	AT	484315

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/15/24 12:47:00PM
Prep Batch ID:	1160637	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	42.7	122	ND		ug/Kg	05/15/24	14:05	AK	483996
Aroclor1221	SW8082A	1	6.10	122	ND		ug/Kg	05/15/24	14:05	AK	483996
Aroclor1232	SW8082A	1	20.7	122	ND		ug/Kg	05/15/24	14:05	AK	483996
Aroclor1242	SW8082A	1	3.66	122	ND		ug/Kg	05/15/24	14:05	AK	483996
Aroclor1248	SW8082A	1	2.44	122	ND		ug/Kg	05/15/24	14:05	AK	483996
Aroclor1254	SW8082A	1	17.1	122	ND		ug/Kg	05/15/24	14:05	AK	483996
Aroclor1260	SW8082A	1	29.3	122	ND		ug/Kg	05/15/24	14:05	AK	483996
Total PCB	SW8082A	1	29.3	122	ND		ug/Kg	05/15/24	14:05	AK	483996
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**96.0**		%	05/15/24	14:05	AK	483996
DCBP (S)	SW8082A		48 - 135		**100**		%	05/15/24	14:05	AK	483996

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/10/24	2:57:00PM
Prep Batch ID:	1160623	**Prep Analyst:**	NDUM	

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	1	0.15	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
gamma-BHC (Lindane)	SW8081B	1	0.19	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
beta-BHC	SW8081B	1	0.39	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
delta-BHC	SW8081B	1	0.19	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Heptachlor	SW8081B	1	0.13	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Aldrin	SW8081B	1	0.24	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Heptachlor Epoxide	SW8081B	1	0.095	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
gamma-Chlordane	SW8081B	1	0.20	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
alpha-Chlordane	SW8081B	1	0.21	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
4,4'-DDE	SW8081B	1	0.24	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Endosulfan I	SW8081B	1	0.22	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Dieldrin	SW8081B	1	0.18	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Endrin	SW8081B	1	0.23	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
4,4'-DDD	SW8081B	1	0.69	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Endosulfan II	SW8081B	1	0.70	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
4,4-DDT	SW8081B	1	0.16	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Endrin Aldehyde	SW8081B	1	0.18	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Methoxychlor	SW8081B	1	0.24	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Endosulfan Sulfate	SW8081B	1	0.14	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Endrin Ketone	SW8081B	1	0.53	2.4	ND		ug/Kg	05/14/24	20:37	MS	484036
Chlordane, Technical	SW8081B	1	2.6	24	ND		ug/Kg	05/14/24	20:37	MS	484036
Toxaphene	SW8081B	1	10	61	ND		ug/Kg	05/14/24	20:37	MS	484036
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**80.8**		%	05/14/24	20:37	MS	484036
Decachlorobiphenyl (S)	SW8081B		38 - 135		**82.3**		%	05/14/24	20:37	MS	484036

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/14/24	6:00:00PM
Prep Batch ID:	1160730	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**21.7**		%	05/15/24	23:40	KY	484003
Dry Weight Factor	D2216	1	1	1	**1.22**		-	05/15/24	23:40	KY	484003

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	2	114	1760	ND		ug/Kg	05/15/24	5:38	TA	484020
Phenol	SW8270C	2	107	703	ND		ug/Kg	05/15/24	5:38	TA	484020
Bis(2-chloroethyl)ether	SW8270C	2	32.4	351	ND		ug/Kg	05/15/24	5:38	TA	484020
2-Chlorophenol	SW8270C	2	116	703	ND		ug/Kg	05/15/24	5:38	TA	484020
1,3-Dichlorobenzene	SW8270C	2	32.1	351	ND		ug/Kg	05/15/24	5:38	TA	484020
1,4-Dichlorobenzene	SW8270C	2	35.7	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Benzyl Alcohol	SW8270C	2	49.9	703	ND		ug/Kg	05/15/24	5:38	TA	484020
1,2-Dichlorobenzene	SW8270C	2	33.0	351	ND		ug/Kg	05/15/24	5:38	TA	484020
2-Methylphenol (o-Cresol)	SW8270C	2	71.6	703	ND		ug/Kg	05/15/24	5:38	TA	484020
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	2	166	1760	ND		ug/Kg	05/15/24	5:38	TA	484020
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	2	76.4	703	ND		ug/Kg	05/15/24	5:38	TA	484020
N-nitroso-di-n-propylamine	SW8270C	2	32.1	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Hexachloroethane	SW8270C	2	41.6	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Nitrobenzene	SW8270C	2	31.3	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Isophorone	SW8270C	2	29.7	351	ND		ug/Kg	05/15/24	5:38	TA	484020
2-Nitrophenol	SW8270C	2	61.9	703	ND		ug/Kg	05/15/24	5:38	TA	484020
2,4-Dimethylphenol	SW8270C	2	55.7	703	ND		ug/Kg	05/15/24	5:38	TA	484020
Benzoic Acid	SW8270C	2	102	703	ND		ug/Kg	05/15/24	5:38	TA	484020
Bis(2-Chloroethoxy)methane	SW8270C	2	23.9	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Bis(2-chloroisopropyl)ether	SW8270C	2	30.7	351	ND		ug/Kg	05/15/24	5:38	TA	484020
2,4-Dichlorophenol	SW8270C	2	95.9	703	ND		ug/Kg	05/15/24	5:38	TA	484020
1,2,4-Trichlorobenzene	SW8270C	2	28.9	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Naphthalene	SW8270C	2	25.8	351	ND		ug/Kg	05/15/24	5:38	TA	484020
2,6-Dichlorophenol	SW8270C	2	87.3	703	ND		ug/Kg	05/15/24	5:38	TA	484020
Hexachloro-1,3-butadiene	SW8270C	2	20.3	351	ND		ug/Kg	05/15/24	5:38	TA	484020
4-Chloro-3-methylphenol	SW8270C	2	82.4	703	ND		ug/Kg	05/15/24	5:38	TA	484020
2-Methylnaphthalene	SW8270C	2	25.5	351	ND		ug/Kg	05/15/24	5:38	TA	484020
1-Methylnaphthalene	SW8270C	2	29.7	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Hexachlorocyclopentadiene	SW8270C	2	31.6	351	ND		ug/Kg	05/15/24	5:38	TA	484020
2,4,6-Trichlorophenol	SW8270C	2	87.7	703	ND		ug/Kg	05/15/24	5:38	TA	484020
2,4,5-Trichlorophenol	SW8270C	2	81.5	703	ND		ug/Kg	05/15/24	5:38	TA	484020
2-Chloronaphthalene	SW8270C	2	25.9	351	ND		ug/Kg	05/15/24	5:38	TA	484020
1,4-Dinitrobenzene	SW8270C	2	25.2	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Dimethyl phthalate	SW8270C	2	34.5	1760	ND		ug/Kg	05/15/24	5:38	TA	484020
1,3-Dinitrobenzene	SW8270C	2	25.4	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Acenaphthylene	SW8270C	2	20.2	351	ND		ug/Kg	05/15/24	5:38	TA	484020
2,6-Dinitrotoluene	SW8270C	2	27.6	351	ND		ug/Kg	05/15/24	5:38	TA	484020
1,2-Dinitrobenzene	SW8270C	2	38.5	351	ND		ug/Kg	05/15/24	5:38	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Acenaphthene	SW8270C	2	26.0	351	ND		ug/Kg	05/15/24	5:38	TA	484020
2,4-Dinitrophenol	SW8270C	2	189	1760	ND		ug/Kg	05/15/24	5:38	TA	484020
4-Nitrophenol	SW8270C	2	134	1760	ND		ug/Kg	05/15/24	5:38	TA	484020
Dibenzofuran	SW8270C	2	27.4	351	ND		ug/Kg	05/15/24	5:38	TA	484020
2,4-Dinitrotoluene	SW8270C	2	29.5	351	ND		ug/Kg	05/15/24	5:38	TA	484020
2,3,5,6-Tetrachlorophenol	SW8270C	2	67.3	703	ND		ug/Kg	05/15/24	5:38	TA	484020
2,3,4,6-Tetrachlorophenol	SW8270C	2	76.8	703	ND		ug/Kg	05/15/24	5:38	TA	484020
Diethylphthalate	SW8270C	2	33.3	1760	ND		ug/Kg	05/15/24	5:38	TA	484020
Fluorene	SW8270C	2	25.2	351	ND		ug/Kg	05/15/24	5:38	TA	484020
4-Chlorophenyl-phenylether	SW8270C	2	22.7	351	ND		ug/Kg	05/15/24	5:38	TA	484020
4,6-Dinitro-2-methylphenol	SW8270C	2	32.6	703	ND		ug/Kg	05/15/24	5:38	TA	484020
Diphenylamine	SW8270C	2	31.8	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Azobenzene	SW8270C	2	277	351	ND		ug/Kg	05/15/24	5:38	TA	484020
4-Bromophenyl-phenylether	SW8270C	2	20.1	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Hexachlorobenzene	SW8270C	2	21.1	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Pentachlorophenol	SW8270C	2	61.0	703	ND		ug/Kg	05/15/24	5:38	TA	484020
Phenanthrene	SW8270C	2	22.7	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Anthracene	SW8270C	2	21.7	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Carbazole	SW8270C	2	26.2	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Di-n-butylphthalate	SW8270C	2	32.9	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Fluoranthene	SW8270C	2	24.4	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Benzidine	SW8270C	2	358	358	ND		ug/Kg	05/15/24	5:38	TA	484020
Pyrene	SW8270C	2	29.2	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Butylbenzylphthalate	SW8270C	2	51.3	1760	ND		ug/Kg	05/15/24	5:38	TA	484020
Benzo(a)anthracene	SW8270C	2	23.9	351	ND		ug/Kg	05/15/24	5:38	TA	484020
3,3-Dichlorobenzidine	SW8270C	2	287	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Chrysene	SW8270C	2	37.0	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Bis(2-Ethylhexyl)phthalate	SW8270C	2	37.4	1760	**48.5**	J	ug/Kg	05/15/24	5:38	TA	484020
Di-n-Octylphthalate	SW8270C	2	30.0	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Benzo(b)fluorathene	SW8270C	2	29.4	351	ND		ug/Kg	05/15/24	5:38	TA	484020
benzo(k)fluorathene	SW8270C	2	19.9	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Benzo(a)pyrene	SW8270C	2	23.9	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Indeno(1,2,3-c,d)pyrene	SW8270C	2	33.7	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Dibenzo(a,h)anthracene	SW8270C	2	31.0	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Benzo(g,h,i)perylene	SW8270C	2	40.6	351	ND		ug/Kg	05/15/24	5:38	TA	484020
Pyridine	SW8270C	2	40.6	351	ND		ug/Kg	05/15/24	5:38	TA	484020
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**68.1**		%	05/15/24	5:38	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Phenol-d6 (S)	SW8270C		24 - 113		**70.1**		%	05/15/24	5:38	TA	484020
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**49.5**		%	05/15/24	5:38	TA	484020
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**88.0**		%	05/15/24	5:38	TA	484020
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**77.3**		%	05/15/24	5:38	TA	484020
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**91.6**		%	05/15/24	5:38	TA	484020

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/10/24 1:36:00PM
Prep Batch ID:	1160598	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.0	2.4	**23.3**	x	mg/Kg	05/14/24	7:51	SN	483968
TPH as Motor Oil	SW8015B	1	3.9	12	**45.7**		mg/Kg	05/14/24	7:51	SN	483968
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**96.1**		%	05/14/24	7:51	SN	483968

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.4	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Chloromethane	SW8260B	1	2.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Vinyl Chloride	SW8260B	1	2.4	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Bromomethane	SW8260B	1	3.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Chloroethane	SW8260B	1	3.5	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Trichlorofluoromethane	SW8260B	1	2.4	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,1-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Freon 113	SW8260B	1	2.2	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Methylene Chloride	SW8260B	1	8.3	12	ND		ug/Kg	05/16/24	18:28	HV	484066
trans-1,2-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	05/16/24	18:28	HV	484066
MTBE	SW8260B	1	2.7	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,1-Dichloroethane	SW8260B	1	2.6	12	ND		ug/Kg	05/16/24	18:28	HV	484066
cis-1,2-Dichloroethene	SW8260B	1	2.6	12	ND		ug/Kg	05/16/24	18:28	HV	484066
2,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Bromochloromethane	SW8260B	1	2.7	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Chloroform	SW8260B	1	2.8	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Carbon Tetrachloride	SW8260B	1	2.4	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,1,1-Trichloroethane	SW8260B	1	2.5	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,1-Dichloropropene	SW8260B	1	2.3	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Benzene	SW8260B	1	2.6	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,2-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Trichloroethene	SW8260B	1	2.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Dibromomethane	SW8260B	1	2.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Bromodichloromethane	SW8260B	1	2.3	12	ND		ug/Kg	05/16/24	18:28	HV	484066
cis-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Toluene	SW8260B	1	2.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Tetrachloroethene	SW8260B	1	1.9	12	ND		ug/Kg	05/16/24	18:28	HV	484066
trans-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,1,2-Trichloroethane	SW8260B	1	2.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,3-Dichloropropane	SW8260B	1	2.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,2-Dibromoethane	SW8260B	1	2.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Chlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Ethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,1,1,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	05/16/24	18:28	HV	484066
m,p-Xylene	SW8260B	1	3.7	12	ND		ug/Kg	05/16/24	18:28	HV	484066
o-Xylene	SW8260B	1	2.0	12	ND		ug/Kg	05/16/24	18:28	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.9	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Bromoform	SW8260B	1	2.0	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	05/16/24	18:28	HV	484066
n-Propylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Bromobenzene	SW8260B	1	2.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,1,2,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	05/16/24	18:28	HV	484066
2-Chlorotoluene	SW8260B	1	2.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,3,5-Trimethylbenzene	SW8260B	1	1.8	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,2,3-Trichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	05/16/24	18:28	HV	484066
4-Chlorotoluene	SW8260B	1	1.9	12	ND		ug/Kg	05/16/24	18:28	HV	484066
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	05/16/24	18:28	HV	484066
sec-Butyl Benzene	SW8260B	1	1.8	12	ND		ug/Kg	05/16/24	18:28	HV	484066
p-Isopropyltoluene	SW8260B	1	1.7	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,3-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,4-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	05/16/24	18:28	HV	484066
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.2	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,2,4-Trichlorobenzene	SW8260B	1	1.7	12	ND		ug/Kg	05/16/24	18:28	HV	484066
Naphthalene	SW8260B	1	2.0	12	ND		ug/Kg	05/16/24	18:28	HV	484066
1,2,3-Trichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	05/16/24	18:28	HV	484066
2-Butanone	SW8260B	1	2.7	11.7	ND		ug/Kg	05/16/24	18:28	HV	484066
Acetone	SW8260B	1	9.6	23.4	**96.2**		ug/Kg	05/16/24	18:28	HV	484066
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**76.9**		%	05/16/24	18:28	HV	484066
(S) Toluene-d8	SW8260B		55.2 - 133		**106**		%	05/16/24	18:28	HV	484066
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**79.6**		%	05/16/24	18:28	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/10/24, 2:45 pm
Date Reported: 05/17/24

Client Sample ID:	GW-9(3.5-4)	**Lab Sample ID:**	2405083-006B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/10/24 / 12:44		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160801	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	51	120	ND		ug/Kg	05/16/24	18:28	HV	484066
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**95.0**		%	05/16/24	18:28	HV	484066

MB Summary Report

Work Order:	2405083	**Prep Method:**	3546_TPH	**Prep Date:**	05/10/24	**Prep Batch:**	1160598
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483917
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.66	2.0	0.820	
TPH as Motor Oil	0.76	5.0	1.38	
Pentacosane (S)			107	

Work Order:	2405083	**Prep Method:**	3546_OCP	**Prep Date:**	05/10/24	**Prep Batch:**	1160623
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483907
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	2.7	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			80.1	
Decachlorobiphenyl (S)			91.2	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405083	**Prep Method:**	3546_PCB	**Prep Date:**	05/15/24	**Prep Batch:**	1160637
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	483996
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Aroclor1016	35.0	100	ND	
Aroclor1221	5.00	100	ND	
Aroclor1232	17.0	100	ND	
Aroclor1242	3.00	100	ND	
Aroclor1248	2.00	100	ND	
Aroclor1254	14.0	100	ND	
Aroclor1260	24.0	100	ND	
TCMX (S)			104	
DCBP (S)			106	

Work Order:	2405083	**Prep Method:**	3050B	**Prep Date:**	05/13/24	**Prep Batch:**	1160672
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483965
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	ND	
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	0.070	J
Beryllium	0.055	5.00	ND	
Cadmium	0.10	0.750	ND	
Chromium	0.075	5.00	0.080	J
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	1.30	ND	
Molybdenum	0.050	5.00	0.075	J
Nickel	0.50	5.00	ND	
Selenium	0.35	1.10	ND	
Silver	0.15	0.500	ND	
Thallium	0.20	5.00	ND	
Vanadium	0.10	5.00	ND	
Zinc	0.30	5.00	ND	

Work Order:	2405083	**Prep Method:**	7471BP	**Prep Date:**	05/13/24	**Prep Batch:**	1160673
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483993
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.083	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405083	**Prep Method:**	3546_BNA	**Prep Date:**	05/14/24	**Prep Batch:**	1160697
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	484020
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
N-Nitrosodimethylamine	46.9	720	ND	
Phenol	43.8	288	ND	
Bis(2-chloroethyl)ether	13.3	144	ND	
2-Chlorophenol	47.7	288	ND	
1,3-Dichlorobenzene	13.1	144	ND	
1,4-Dichlorobenzene	14.6	144	ND	
Benzyl Alcohol	20.5	288	ND	
1,2-Dichlorobenzene	13.5	144	ND	
2-Methylphenol (o-Cresol)	29.3	288	ND	
N-Methyl-2-Pyrrolidone (NMP)	68.0	720	ND	
3-/4-Methylphenol (p-/m-Cresol)	31.3	288	ND	
N-nitroso-di-n-propylamine	13.2	144	ND	
Hexachloroethane	17.1	144	ND	
Nitrobenzene	12.8	144	ND	
Isophorone	12.2	144	ND	
2-Nitrophenol	25.4	288	ND	
2,4-Dimethylphenol	22.8	288	ND	
Benzoic Acid	41.7	288	ND	
Bis(2-Chloroethoxy)methane	9.79	144	ND	
Bis(2-chloroisopropyl)ether	12.6	144	ND	
2,4-Dichlorophenol	39.3	288	ND	
1,2,4-Trichlorobenzene	11.8	144	ND	
Naphthalene	10.6	144	ND	
2,6-Dichlorophenol	35.8	288	ND	
Hexachloro-1,3-butadiene	8.34	144	ND	
4-Chloro-3-methylphenol	33.8	288	ND	
2-Methylnaphthalene	10.4	144	ND	
1-Methylnaphthalene	12.2	144	ND	
Hexachlorocyclopentadiene	12.9	144	ND	
2,4,6-Trichlorophenol	35.9	288	ND	
2,4,5-Trichlorophenol	33.4	288	ND	
2-Chloronaphthalene	10.6	144	ND	
1,4-Dinitrobenzene	10.3	144	ND	
Dimethyl phthalate	14.2	720	ND	
1,3-Dinitrobenzene	10.4	144	ND	
Acenaphthylene	8.28	144	ND	
2,6-Dinitrotoluene	11.3	144	ND	
1,2-Dinitrobenzene	15.8	144	ND	
Acenaphthene	10.7	144	ND	
2,4-Dinitrophenol	77.6	720	ND	
4-Nitrophenol	54.7	720	ND	
Dibenzofuran	11.2	144	ND	
2,4-Dinitrotoluene	12.1	144	ND	
2,3,5,6-Tetrachlorophenol	27.6	288	ND	
2,3,4,6-Tetrachlorophenol	31.5	288	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405083	**Prep Method:**	3546_BNA	**Prep Date:**	05/14/24	**Prep Batch:**	1160697
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	484020
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Diethylphthalate	13.6	720	ND	
Fluorene	10.3	144	ND	
4-Chlorophenyl-phenylether	9.32	144	ND	
4,6-Dinitro-2-methylphenol	13.4	288	ND	
Diphenylamine	13.0	144	ND	
Azobenzene	114	144	ND	
4-Bromophenyl-phenylether	8.23	144	ND	
Hexachlorobenzene	8.66	144	ND	
Pentachlorophenol	25.0	288	ND	
Phenanthrene	9.32	144	ND	
Anthracene	8.91	144	ND	
Carbazole	10.7	144	ND	
Di-n-butylphthalate	13.5	144	ND	
Fluoranthene	10.0	147	ND	
Benzidine	147	144	ND	
Pyrene	12.0	144	ND	
Butylbenzylphthalate	21.0	720	ND	
Benzo(a)anthracene	9.80	144	ND	
3,3-Dichlorobenzidine	118	144	ND	
Chrysene	15.2	144	ND	
Bis(2-Ethylhexyl)phthalate	15.3	720	ND	
Di-n-Octylphthalate	12.3	144	ND	
Benzo(b)fluorathene	12.0	144	ND	
benzo(k)fluorathene	8.16	144	ND	
Benzo(a)pyrene	9.80	144	ND	
Indeno(1,2,3-c,d)pyrene	13.8	144	ND	
Dibenzo(a,h)anthracene	12.7	144	ND	
Benzo(g,h,i)perylene	12.7	144	ND	
Pyridine	43.8	720	ND	
2-Fluorophenol (S)			65.9	
Phenol-d6 (S)			70.8	
2,4,6-Tribromophenol (S)			53.0	
2-Fluorobiphenyl (S)			77.3	
Nitrobenzene-d5 (S)			73.6	
p-Terphenyl-d14 (S)			75.4	

Work Order:	2405083	**Prep Method:**	% Water-P	**Prep Date:**	05/14/24	**Prep Batch:**	1160730
Matrix:	Soil	**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484003
Units:	%						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405083	**Prep Method:**	5035	**Prep Date:**	05/15/24	**Prep Batch:**	1160751
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484032
Units:	ug/Kg						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405083	**Prep Method:**	5035	**Prep Date:**	05/15/24	**Prep Batch:**	1160751
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484032
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
MIBK	2.0	20	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			83.5	
(S) Toluene-d8			93.9	
(S) 4-Bromofluorobenzene			88.5	

Work Order:	2405083	**Prep Method:**	5035GRO	**Prep Date:**	05/15/24	**Prep Batch:**	1160752
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484032
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			118	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405083	**Prep Method:**	5035	**Prep Date:**	05/16/24	**Prep Batch:**	1160788
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484066
Units:	ug/Kg						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405083	**Prep Method:**	5035	**Prep Date:**	05/16/24	**Prep Batch:**	1160788
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484066
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
MIBK	2.0	20	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			82.8	
(S) Toluene-d8			95.3	
(S) 4-Bromofluorobenzene			87.7	

Work Order:	2405083	**Prep Method:**	5035GRO	**Prep Date:**	05/16/24	**Prep Batch:**	1160801
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484066
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			122	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405083	**Prep Method:**	1311/3010A	**Prep Date:**	05/24/24	**Prep Batch:**	1161026
Matrix:	Soil	**Analytical Method:**	SW6010B-TCLP	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484315
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Arsenic (TCLP)	0.40	0.20	ND	
Chromium (TCLP)	0.010	0.20	ND	

Work Order:	2405083	**Prep Method:**	WET/3010B	**Prep Date:**	05/24/24	**Prep Batch:**	1161030
Matrix:	Soil	**Analytical Method:**	SW6010B-STLC	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484314
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Arsenic (STLC)	0.40	0.40	ND	
Chromium (STLC)	0.010	0.20	0.016	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405083	**Prep Method:**	3546_TPH	**Prep Date:**	05/10/24	**Prep Batch:**	1160598
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483917
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.66	2.0	0.820	25.0	84.0	85.1	1.42	52 - 115	30	
Pentacosane (S)				200	106	106		45 - 130		

Work Order:	2405083	**Prep Method:**	3546_OCP	**Prep Date:**	05/10/24	**Prep Batch:**	1160623
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/10/2024	**Analytical Batch:**	483907
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	83.7	84.3	0.595	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	89.4	89.8	0.279	40 - 130	30	
Aldrin	0.20	2.0	ND	40	97.8	97.8	0.000	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	92.7	92.0	0.812	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	88.1	83.8	4.95	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	88.3	86.4	2.00	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	84.3	83.6		48 - 125		
Decachlorobiphenyl (S)				100	97.9	95.6		38 - 135		

Work Order:	2405083	**Prep Method:**	3546_PCB	**Prep Date:**	05/15/24	**Prep Batch:**	1160637
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	483996
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53	100	ND	600	81.8	83.3	1.82	25 - 145	30	
Aroclor1260	36	100	ND	600	63.8	65.2	2.07	30 - 145	30	
TCMX (S)				0.10	97.0	98.0		48 - 125		
DCBP (S)				0.10	99.0	102		48 - 135		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405083	**Prep Method:**	3050B	**Prep Date:**	05/13/24	**Prep Batch:**	1160672
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483965
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	97.9	101	3.02	80 - 120	30	
Arsenic	0.15	1.30	ND	50	97.5	99.7	2.23	80 - 120	30	
Barium	0.055	5.00	0.070	50	102	104	1.94	80 - 120	30	
Beryllium	0.055	5.00	ND	50	101	103	1.96	80 - 120	30	
Cadmium	0.10	0.750	ND	50	98.8	101	2.20	80 - 120	30	
Chromium	0.075	5.00	0.080	50	101	103	1.96	80 - 120	30	
Cobalt	0.070	5.00	ND	50	100	102	1.98	80 - 120	30	
Copper	0.20	5.00	ND	50	103	105	1.92	80 - 120	30	
Lead	0.10	3.00	ND	50	99.9	102	1.98	80 - 120	30	
Molybdenum	0.050	5.00	0.075	50	100	103	2.96	80 - 120	30	
Nickel	0.50	5.00	ND	50	100	102	1.98	80 - 120	30	
Selenium	0.22	5.00	ND	50	92.2	93.8	1.72	80 - 120	30	
Silver	0.15	1.00	ND	50	98.8	101	2.20	80 - 120	30	
Thallium	0.20	5.00	ND	50	99.9	102	1.98	80 - 120	30	
Vanadium	0.10	5.00	ND	50	101	103	1.96	80 - 120	30	
Zinc	0.30	5.00	ND	50	98.4	100	1.61	80 - 120	30	

Work Order:	2405083	**Prep Method:**	7471BP	**Prep Date:**	05/13/24	**Prep Batch:**	1160673
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483993
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	108	110	1.47	80 - 120	20	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405083	**Prep Method:**	3546_BNA	**Prep Date:**	05/14/24	**Prep Batch:**	1160697
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	484020
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	43.8	288	ND	1200	64.0	64.0	0.000	40 - 100	30	
2-Chlorophenol	47.7	288	ND	1200	67.6	67.7	0.123	45 - 105	30	
Bis(2-chloroethyl)ether	14.6	144	ND	400	73.9	72.4	2.39	35 - 105	30	
N-nitroso-di-n-propylamine	13.2	144	ND	400	55.7	55.7	0.000	40 - 115	30	
1,2,4-Trichlorobenzene	11.8	144	ND	400	72.8	71.0	2.43	45 - 110	30	
1,4-Dichlorobenzene	33.8	288	ND	1200	69.3	69.5	0.240	45 - 110	30	
Acenaphthene	10.7	144	ND	400	71.5	70.4	1.41	45 - 110	30	
4-Nitrophenol	54.7	720	ND	1200	54.8	55.5	1.21	15 - 140	30	
2,4-Dinitrotoluene	12.1	144	ND	400	79.1	79.6	0.631	50 - 115	30	
N-Methyl-2-Pyrrolidone (NMP)	12.0	144	ND	1200	54.5	53.8	1.39	25 - 120	30	
Pyrene	12.0	144		400	103	108	4.28	45 - 145	30	
2-Fluorophenol (S)				11100	65.3	65.3		25 - 121		
Phenol-d6 (S)				11100	70.4	68.8		24 - 113		
2,4,6-Tribromophenol (S)				11100	55.6	55.4		19 - 122		
2-Fluorobiphenyl (S)				5560	79.4	75.6		30 - 143		
Nitrobenzene-d5 (S)				5560	68.8	69.6		23 - 120		
p-Terphenyl-d14 (S)				5560	72.5	71.9		18 - 137		

Work Order:	2405083	**Prep Method:**	5035	**Prep Date:**	05/15/24	**Prep Batch:**	1160751
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484032
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	102	103	1.37	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	113	114	0.530	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	111	115	3.54	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	112	116	4.03	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	109	111	2.19	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	99.0	112		59.8 - 148		
(S) Toluene-d8				50.0	109	112		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	106	106		55.8 - 141		

Work Order:	2405083	**Prep Method:**	5035GRO	**Prep Date:**	05/15/24	**Prep Batch:**	1160752
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484032
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	ND	1000	112	103	8.37	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	123	119		43.9 - 127		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405083	**Prep Method:**	5035	**Prep Date:**	05/16/24	**Prep Batch:**	1160788
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484066
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	101	98.9	2.40	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	115	110	4.09	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	109	105	3.17	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	110	109	0.548	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	107	106	1.32	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	98.8	105		59.8 - 148		
(S) Toluene-d8				50.0	107	104		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	104	101		55.8 - 141		

Work Order:	2405083	**Prep Method:**	5035GRO	**Prep Date:**	05/16/24	**Prep Batch:**	1160801
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484066
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	ND	1000	106	109	2.79	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	122	125		43.9 - 127		

Work Order:	2405083	**Prep Method:**	1311/3010A	**Prep Date:**	05/24/24	**Prep Batch:**	1161026
Matrix:	Soil	**Analytical Method:**	SW6010B-TCLP	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484315
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Arsenic (TCLP)	0.20	0.40	ND	10	97.1	98.9	1.84	80 - 120	20	
Chromium (TCLP)	0.010	0.20	ND	10	95.5	97.4	1.97	80 - 120	20	

Work Order:	2405083	**Prep Method:**	WET/3010B	**Prep Date:**	05/24/24	**Prep Batch:**	1161030
Matrix:	Soil	**Analytical Method:**	SW6010B-STLC	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484314
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Arsenic (STLC)	0.20	0.40	ND	10	102	97.5	4.51	80 - 120	20	
Chromium (STLC)	0.010	0.20	0.016	10	97.9	93.9	4.17	80 - 120	20	

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405083	**Prep Method:**	3050B	**Prep Date:**	05/13/24	**Prep Batch:**	1160672
Matrix:	**Soil**	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483965
Spiked Sample:	2405083-001A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	77.2	76.0	0.774	30.7 - 130	30	
Arsenic	0.15	1.30	ND	50	105	95.2	0.000	71.0 - 121	30	
Barium	0.055	5.00	ND	50	378	83.0	2.61	70.2 - 130	30	S
Beryllium	0.055	5.00	ND	50	98.0	98.1	1.22	73.3 - 115	30	
Cadmium	0.10	0.750	ND	50	92.5	92.5	1.07	80.0 - 110	30	
Chromium	0.075	5.00	ND	50	205	63.0	1.96	76.0 - 116	30	S
Cobalt	0.070	5.00	ND	50	117	87.0	0.000	57.4 - 122	30	
Copper	0.20	5.00	ND	50	176	92.0	2.30	74.8 - 119	30	S
Lead	0.10	3.00	ND	50	116	91.2	3.39	57.9 - 118	30	
Molybdenum	0.050	5.00	ND	50	95.1	95.3	1.87	62.9 - 123	30	
Nickel	0.50	5.00	ND	50	213	60.8	5.77	61.5 - 122	30	S
Selenium	0.22	5.00	ND	50	88.8	89.2	1.12	62.0 - 111	30	
Silver	0.15	1.00	ND	50	104	105	0.957	75 - 125	30	
Thallium	0.20	5.00	ND	50	91.1	92.3	1.31	39.2 - 125	30	
Vanadium	0.10	5.00	ND	50	193	78.4	1.54	65.8 - 122	30	S
Zinc	0.30	5.00	ND	50	214	69.4	0.000	59.9 - 122	30	S

Work Order:	2405083	**Prep Method:**	7471BP	**Prep Date:**	05/13/24	**Prep Batch:**	1160673
Matrix:	**Soil**	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483993
Spiked Sample:	2405083-001A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	115	116	0.692	80 - 120	20	

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: Bixby University Station

Work Order No.: 2405083

Date and Time Received: 5/10/2024 2:45:00PM

Received By: Claudia Moreno

Physically Logged By: LIMBAT

Checklist Completed By: LIMBAT

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?	Yes	Temperature:	5.0	°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:

Login Summary Report

Client ID:	TL5119	Cornerstone Earth Group		**QC Level:**	II
Project Name:	Bixby University Station			**TAT Requested:**	5+ day:5
Project # :	285-2-3			**Date Received:**	5/10/2024
Report Due Date:	5/29/2024			**Time Received:**	2:45 pm

Comments:

Work Order # : ***2405083***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2405083-001A	GW-8(1.5-2)	05/10/24 8:16	Soil	11/06/24			Pest_S_8081 DryWt Met_S_6010CAM17 DryW EDD Hg_S_7471B Dry Wt TPHDO_S_8015B DryWt PMOIST PCBs_S_8082A_Dry Wt SVO_S_8270C DryWt	
Sample Note:	Pls report to MDL							
2405083-001B	GW-8(1.5-2)	05/10/24 8:16	Soil	11/06/24			PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	
Sample Note:	Encores. Pls report to MDL							
2405083-002A	GW-8(5-5.5)	05/10/24 8:18	Soil	11/06/24			Pest_S_8081 DryWt Met_S_6010CAM17 DryW SVO_S_8270C DryWt Hg_S_7471B Dry Wt TPHDO_S_8015B DryWt PMOIST PCBs_S_8082A_Dry Wt	
2405083-002B	GW-8(5-5.5)	05/10/24 8:18	Soil	11/06/24			PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	
2405083-003A	GW-6(1-1.5)	05/10/24 10:14	Soil	11/06/24			Pest_S_8081 DryWt SVO_S_8270C DryWt Met_S_6010CAM17 DryW Hg_S_7471B Dry Wt	

Login Summary Report

Client ID: TL5119 Cornerstone Earth Group
Project Name: Bixby University Station
Project # : 285-2-3
Report Due Date: 5/29/2024
Comments:
Work Order # : ***2405083***

QC Level: II
TAT Requested: 5+ day:5
Date Received: 5/10/2024
Time Received: 2:45 pm

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2405083-003B	GW-6(1-1.5)	05/10/24 10:14	Soil	11/06/24			TPHDO_S_8015B DryWt PMOIST PCBs_S_8082A_Dry Wt PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	
2405083-004A	GW-6(5-5.5)	05/10/24 10:16	Soil	11/06/24			Pest_S_8081 DryWt Met_S_6010CAM17 DryW Hg_S_7471B Dry Wt TPHDO_S_8015B DryWt PMOIST PCBs_S_8082A_Dry Wt SVO_S_8270C DryWt PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	
2405083-004B	GW-6(5-5.5)	05/10/24 10:16	Soil	11/06/24				
2405083-005A	GW-9(1-1.5)	05/10/24 12:42	Soil	11/06/24			Pest_S_8081 DryWt Met_S_6010CAM17 DryW Hg_S_7471B Dry Wt TPHDO_S_8015B DryWt PMOIST PCBs_S_8082A_Dry Wt SVO_S_8270C DryWt PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	
2405083-005B	GW-9(1-1.5)	05/10/24 12:42	Soil	11/06/24				
2405083-006A	GW-9(3.5-4)	05/10/24 12:44	Soil	11/06/24				

Login Summary Report

Client ID:	TL5119	Cornerstone Earth Group	**QC Level:**	II
Project Name:	Bixby University Station		**TAT Requested:**	5+ day:5
Project # :	285-2-3		**Date Received:**	5/10/2024
Report Due Date:	5/29/2024		**Time Received:**	2:45 pm

Comments:

Work Order # : ***2405083***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2405083-006B	GW-9(3.5-4)	05/10/24 12:44	Soil	11/06/24			Pest_S_8081 DryWt Met_S_CAM17TCLP Met_S_CAM17STLC Met_S_6010CAM17 DryW Hg_S_7471B Dry Wt TPHDO_S_8015B DryWt PMOIST PCBs_S_8082A_Dry Wt SVO_S_8270C DryWt PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	

Torrent LABORATORY, INC.

CORNERSTONE EARTH GROUP

Chain of Custody Record

2405083

Cornerstone Earth Group, Inc.	Project Manager: Peter Langtry	Site Sampler: HCG	Lab: Torrent	COC No: 1 Date: 5/10/24
	Phone: 825-817-8814	Phone: (408) 781-2425	Lab Contact: Kathie Evans	COC Page 1 of 1
1259 Oakmead Parkway	Analysis Turnaround Time:	Lab EDD Required: Cornerstone EDD		Laboratory's Job No.
Sunnyvale, CA 94085	1 WEEK (●)	Reporting Limits:		
Phone: (408)-245-4600	3 DAY ( )	Tier 1 ESLs		
	2 DAY ( )	Report to MDLs		
Project Name: Bixby University Station	1 DAY ( )			
Site: 451-475 El Camino Real	OTHER:			
Project Number: 285-2-3				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs & TPH-g 8260B	SVOCs 8270C	TPH-d/o 8015B	OCPs 8081A	PCBs 8082	CAM 17 Metals 6010B/7471	STLC	TCLP	Laboratory's Sample Specific Notes:
GW-8 (1.5-2)	5/10/24	0816	liner/GW	soil	4		X	X	X	X	X	X			-001A/B
GW-8 (5-5.5)		0818					X	X	X	X	X	X			-002A/B
GW-6 (1-1.5)		1014					X	X	X	X	X	X			-003A/B
GW-6 (5-5.5)		1016					X	X	X	X	X	X			-004A/B
GW-9 (1-1.5)		1242					X	X	X	X	X	X			-005A/B
GW-9 (3.5-4)	↓	1244	↓	↓	↓		X	X	X	X	X	X			-006A/B

Special Instructions/QC Requirements & Comments: REPORT ON A DRY-WEIGHT BASIS.

Adjust TAT for soluble analyses to report results with other analytes. Please provide EDD at same time as PDF report.

Freeze CNOs/Terra Cores placed on hold.

D/O

Send results to: hguckes@cornerstoneearth.com, plangtry@cornerstoneearth.com

Address invoice to: accounting@cornerstoneearth.com, plangtry@cornerstoneearth.com

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Cornerstone Earth Group	5/10/24 1445	Claudia Moreno	Torrent	5/10/24 14:45
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

temp 5-8#3

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

RE: Bixby University Station

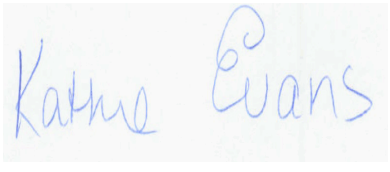
Work Order No.: 2405092 Rev: 1

Dear Peter Langtry:

Torrent Laboratory, Inc. received 2 sample(s) on May 13, 2024 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

May 20, 2024
Date

Date: 5/20/2024

Client: Cornerstone Earth Group

Project: Bixby University Station

Work Order: 2405092

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.

Data is reported on a dry weight basis

Note: for 8260B/GCMS-GRO: Final result & MDL/PQL (Detection Limit/Reporting limit) have been corrected for actual mass removed from the Encore container.

REVISIONS

Report revised to include STLC and TCLP data

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: 5/21/24 at 2:45 PM to 5/23/24 at 10:50 AM

TCLP

Note: Extraction of 48 g sample/960 g TCLP Fluid #1 was performed according to Toxicity Characteristic Leaching Procedure (SW-846 1311TCLP) which was rotated in a rotary shaker@ 32 RPM for 18 hours (+/- 2 hours). Due to limited sample mass, client approval was given to perform the TCLP extraction with less than the method specified 100 grams

Date Prepared: 5/22/24 at 2:00 PM to 5/23/24 at 9:30 AM

Rev. 1 (5/29/24)

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/13/24
Date Reported: 05/20/24

GW-4(1-1.5) 2405092-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	13.1	%
Dry Weight Factor	D2216	1	1	1	1.13	%
Arsenic	SW6010B	1	0.17	1.47	2.67	mg/Kg
Barium	SW6010B	1	0.062	5.65	249	mg/Kg
Beryllium	SW6010B	1	0.062	5.65	0.283	mg/Kg
Cadmium	SW6010B	1	0.11	0.848	0.209	mg/Kg
Chromium	SW6010B	1	0.085	5.65	120	mg/Kg
Cobalt	SW6010B	1	0.079	5.65	23.1	mg/Kg
Copper	SW6010B	1	0.23	5.65	62.2	mg/Kg
Lead	SW6010B	1	0.11	3.39	6.05	mg/Kg
Molybdenum	SW6010B	1	0.057	5.65	0.842	mg/Kg
Nickel	SW6010B	1	0.57	5.65	86.4	mg/Kg
Vanadium	SW6010B	1	0.11	5.65	96.1	mg/Kg
Zinc	SW6010B	1	0.34	5.65	61.0	mg/Kg
Chromium (STLC)	SW6010B-STLC	1	0.010	0.20	0.276	mg/L
Mercury	SW7471B	1	0.094	0.57	0.21	mg/Kg
TPH as Diesel	SW8015B	2	1.9	4.5	38.2	mg/Kg
TPH as Motor Oil	SW8015B	2	7.2	23	102	mg/Kg
gamma-Chlordane	SW8081B	5	0.92	11	2.87	ug/Kg
alpha-Chlordane	SW8081B	5	0.98	11	1.41	ug/Kg
4,4'-DDE	SW8081B	5	1.1	11	5.32	ug/Kg
Dieldrin	SW8081B	5	0.84	11	1.05	ug/Kg
4,4-DDT	SW8081B	5	0.73	11	3.48	ug/Kg
Aroclor1260	SW8082A	1	27.1	113	58.8	ug/Kg
Total PCB	SW8082A	1	27.1	113	58.8	ug/Kg
Acetone	SW8260B	1	8.0	19.7	55.4	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/13/24
Date Reported: 05/20/24

GW-4(5-5.5) 2405092-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	D2216	1	0.050	0.050	31.7	%
Dry Weight Factor	D2216	1	1	1	1.32	%
Arsenic	SW6010B	1	0.20	1.72	6.93	mg/Kg
Barium	SW6010B	1	0.073	6.60	572	mg/Kg
Beryllium	SW6010B	1	0.073	6.60	0.911	mg/Kg
Cadmium	SW6010B	1	0.13	0.990	0.502	mg/Kg
Chromium	SW6010B	1	0.099	6.60	74.6	mg/Kg
Cobalt	SW6010B	1	0.092	6.60	19.2	mg/Kg
Copper	SW6010B	1	0.26	6.60	48.0	mg/Kg
Lead	SW6010B	1	0.13	3.96	14.3	mg/Kg
Molybdenum	SW6010B	1	0.066	6.60	1.62	mg/Kg
Nickel	SW6010B	1	0.66	6.60	131	mg/Kg
Vanadium	SW6010B	1	0.13	6.60	60.3	mg/Kg
Zinc	SW6010B	1	0.40	6.60	111	mg/Kg
Mercury	SW7471B	1	0.11	0.66	0.17	mg/Kg
TPH as Diesel	SW8015B	1	1.1	2.6	28.3	mg/Kg
TPH as Motor Oil	SW8015B	1	4.2	13	42.9	mg/Kg
Dieldrin	SW8081B	1	0.20	2.6	0.510	ug/Kg
Acetone	SW8260B	1	10	25.0	81.7	ug/Kg
2-Nitrophenol	SW8270C	1	33.5	380	33.8	ug/Kg
Phenanthrene	SW8270C	1	12.3	190	31.6	ug/Kg

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 7:35:00PM
Prep Batch ID:	1160688	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.094	0.57	**0.21**	J	mg/Kg	05/14/24	13:51	BJAY	483992

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 7:20:00PM
Prep Batch ID:	1160682	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.057	5.65	ND		mg/Kg	05/14/24	20:34	AT	483984
Arsenic	SW6010B	1	0.17	1.47	**2.67**		mg/Kg	05/14/24	20:34	AT	483984
Barium	SW6010B	1	0.062	5.65	**249**		mg/Kg	05/14/24	20:34	AT	483984
Beryllium	SW6010B	1	0.062	5.65	**0.283**	J	mg/Kg	05/14/24	20:34	AT	483984
Cadmium	SW6010B	1	0.11	0.848	**0.209**	J	mg/Kg	05/14/24	20:34	AT	483984
Chromium	SW6010B	1	0.085	5.65	**120**		mg/Kg	05/14/24	20:34	AT	483984
Cobalt	SW6010B	1	0.079	5.65	**23.1**		mg/Kg	05/14/24	20:34	AT	483984
Copper	SW6010B	1	0.23	5.65	**62.2**		mg/Kg	05/14/24	20:34	AT	483984
Lead	SW6010B	1	0.11	3.39	**6.05**		mg/Kg	05/14/24	20:34	AT	483984
Molybdenum	SW6010B	1	0.057	5.65	**0.842**	J	mg/Kg	05/14/24	20:34	AT	483984
Nickel	SW6010B	1	0.57	5.65	**86.4**		mg/Kg	05/14/24	20:34	AT	483984
Selenium	SW6010B	1	0.40	1.24	ND		mg/Kg	05/14/24	20:34	AT	483984
Silver	SW6010B	1	0.17	0.565	ND		mg/Kg	05/14/24	20:34	AT	483984
Thallium	SW6010B	1	0.23	5.65	ND		mg/Kg	05/14/24	20:34	AT	483984
Vanadium	SW6010B	1	0.11	5.65	**96.1**		mg/Kg	05/14/24	20:34	AT	483984
Zinc	SW6010B	1	0.34	5.65	**61.0**		mg/Kg	05/14/24	20:34	AT	483984

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	WET/3010B	**Prep Batch Date/Time:**	5/24/24	11:00:00AM
Prep Batch ID:	1161030	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B-STLC	1	0.010	0.20	**0.276**		mg/L	05/24/24	13:38	AT	484314

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	1311/3010A	**Prep Batch Date/Time:**	5/24/24 10:20:00AM
Prep Batch ID:	1161026	**Prep Analyst:**	KEYO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (TCLP)	SW6010B-TCLP	1	0.010	0.20	ND		mg/L	05/24/24	14:08	AT	484315

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/15/24 12:47:00PM
Prep Batch ID:	1160637	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	39.6	113	ND		ug/Kg	05/15/24	17:18	AK	483996
Aroclor1221	SW8082A	1	5.65	113	ND		ug/Kg	05/15/24	17:18	AK	483996
Aroclor1232	SW8082A	1	19.2	113	ND		ug/Kg	05/15/24	17:18	AK	483996
Aroclor1242	SW8082A	1	3.39	113	ND		ug/Kg	05/15/24	17:18	AK	483996
Aroclor1248	SW8082A	1	2.26	113	ND		ug/Kg	05/15/24	17:18	AK	483996
Aroclor1254	SW8082A	1	15.8	113	ND		ug/Kg	05/15/24	17:18	AK	483996
Aroclor1260	SW8082A	1	27.1	113	**58.8**	J	ug/Kg	05/15/24	17:18	AK	483996
Total PCB	SW8082A	1	27.1	113	**58.8**	J	ug/Kg	05/15/24	17:18	AK	483996
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**89.0**		%	05/15/24	17:18	AK	483996
DCBP (S)	SW8082A		48 - 135		**95.0**		%	05/15/24	17:18	AK	483996

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/14/24 1:33:00PM
Prep Batch ID:	1160701	**Prep Analyst:**	NDUM

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	5	0.72	11	ND		ug/Kg	05/15/24	15:04	MS	484029
gamma-BHC (Lindane)	SW8081B	5	0.90	11	ND		ug/Kg	05/15/24	15:04	MS	484029
beta-BHC	SW8081B	5	1.8	11	ND		ug/Kg	05/15/24	15:04	MS	484029
delta-BHC	SW8081B	5	0.88	11	ND		ug/Kg	05/15/24	15:04	MS	484029
Heptachlor	SW8081B	5	0.59	11	ND		ug/Kg	05/15/24	15:04	MS	484029
Aldrin	SW8081B	5	1.1	11	ND		ug/Kg	05/15/24	15:04	MS	484029
Heptachlor Epoxide	SW8081B	5	0.44	11	ND		ug/Kg	05/15/24	15:04	MS	484029
gamma-Chlordane	SW8081B	5	0.92	11	**2.87**	J	ug/Kg	05/15/24	15:04	MS	484029
alpha-Chlordane	SW8081B	5	0.98	11	**1.41**	J	ug/Kg	05/15/24	15:04	MS	484029
4,4'-DDE	SW8081B	5	1.1	11	**5.32**	J	ug/Kg	05/15/24	15:04	MS	484029
Endosulfan I	SW8081B	5	1.0	11	ND		ug/Kg	05/15/24	15:04	MS	484029
Dieldrin	SW8081B	5	0.84	11	**1.05**	J	ug/Kg	05/15/24	15:04	MS	484029
Endrin	SW8081B	5	1.1	11	ND		ug/Kg	05/15/24	15:04	MS	484029
4,4'-DDD	SW8081B	5	3.2	11	ND		ug/Kg	05/15/24	15:04	MS	484029
Endosulfan II	SW8081B	5	3.3	11	ND		ug/Kg	05/15/24	15:04	MS	484029
4,4-DDT	SW8081B	5	0.73	11	**3.48**	J	ug/Kg	05/15/24	15:04	MS	484029
Endrin Aldehyde	SW8081B	5	0.85	11	ND		ug/Kg	05/15/24	15:04	MS	484029
Methoxychlor	SW8081B	5	1.1	11	ND		ug/Kg	05/15/24	15:04	MS	484029
Endosulfan Sulfate	SW8081B	5	0.66	11	ND		ug/Kg	05/15/24	15:04	MS	484029
Endrin Ketone	SW8081B	5	2.4	11	ND		ug/Kg	05/15/24	15:04	MS	484029
Chlordane, Technical	SW8081B	5	12	110	ND		ug/Kg	05/15/24	15:04	MS	484029
Toxaphene	SW8081B	5	48	280	ND		ug/Kg	05/15/24	15:04	MS	484029
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**76.9**		%	05/15/24	15:04	MS	484029
Decachlorobiphenyl (S)	SW8081B		38 - 135		**67.2**		%	05/15/24	15:04	MS	484029

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/14/24	6:00:00PM
Prep Batch ID:	1160730	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**13.1**		%	05/15/24	23:40	KY	484003
Dry Weight Factor	D2216	1	1	1	**1.13**		-	05/15/24	23:40	KY	484003

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	20	1060	16300	ND		ug/Kg	05/15/24	6:06	TA	484020
Phenol	SW8270C	20	990	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
Bis(2-chloroethyl)ether	SW8270C	20	300	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
2-Chlorophenol	SW8270C	20	1080	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
1,3-Dichlorobenzene	SW8270C	20	297	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
1,4-Dichlorobenzene	SW8270C	20	331	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Benzyl Alcohol	SW8270C	20	463	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
1,2-Dichlorobenzene	SW8270C	20	305	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
2-Methylphenol (o-Cresol)	SW8270C	20	663	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	20	1540	16300	ND		ug/Kg	05/15/24	6:06	TA	484020
Bis(2-chloroisopropyl)ether	SW8270C	20	285	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	20	708	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
N-nitroso-di-n-propylamine	SW8270C	20	297	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Hexachloroethane	SW8270C	20	386	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Nitrobenzene	SW8270C	20	290	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Isophorone	SW8270C	20	275	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
2-Nitrophenol	SW8270C	20	573	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
2,4-Dimethylphenol	SW8270C	20	516	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
Benzoic Acid	SW8270C	20	943	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
Bis(2-Chloroethoxy)methane	SW8270C	20	221	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Bis(2-chloroisopropyl)ether	SW8270C	20	285	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
2,4-Dichlorophenol	SW8270C	20	888	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
1,2,4-Trichlorobenzene	SW8270C	20	267	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Naphthalene	SW8270C	20	239	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
2,6-Dichlorophenol	SW8270C	20	809	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
Hexachloro-1,3-butadiene	SW8270C	20	188	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
4-Chloro-3-methylphenol	SW8270C	20	764	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
2-Methylnaphthalene	SW8270C	20	236	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
1-Methylnaphthalene	SW8270C	20	275	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Hexachlorocyclopentadiene	SW8270C	20	293	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
2,4,6-Trichlorophenol	SW8270C	20	812	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
2,4,5-Trichlorophenol	SW8270C	20	755	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
2-Chloronaphthalene	SW8270C	20	240	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
1,4-Dinitrobenzene	SW8270C	20	233	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Dimethyl phthalate	SW8270C	20	320	16300	ND		ug/Kg	05/15/24	6:06	TA	484020
1,3-Dinitrobenzene	SW8270C	20	235	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Acenaphthylene	SW8270C	20	187	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
2,6-Dinitrotoluene	SW8270C	20	256	3250	ND		ug/Kg	05/15/24	6:06	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
1,2-Dinitrobenzene	SW8270C	20	356	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Acenaphthene	SW8270C	20	241	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
2,4-Dinitrophenol	SW8270C	20	1750	16300	ND		ug/Kg	05/15/24	6:06	TA	484020
4-Nitrophenol	SW8270C	20	1240	16300	ND		ug/Kg	05/15/24	6:06	TA	484020
Dibenzofuran	SW8270C	20	254	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
2,4-Dinitrotoluene	SW8270C	20	273	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
2,3,5,6-Tetrachlorophenol	SW8270C	20	624	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
2,3,4,6-Tetrachlorophenol	SW8270C	20	711	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
Diethylphthalate	SW8270C	20	308	16300	ND		ug/Kg	05/15/24	6:06	TA	484020
Fluorene	SW8270C	20	233	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
4-Chlorophenyl-phenylether	SW8270C	20	211	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
4,6-Dinitro-2-methylphenol	SW8270C	20	302	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
Diphenylamine	SW8270C	20	295	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Azobenzene	SW8270C	20	2570	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
4-Bromophenyl-phenylether	SW8270C	20	186	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Hexachlorobenzene	SW8270C	20	196	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Pentachlorophenol	SW8270C	20	565	6510	ND		ug/Kg	05/15/24	6:06	TA	484020
Phenanthrene	SW8270C	20	211	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Anthracene	SW8270C	20	201	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Carbazole	SW8270C	20	243	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Di-n-butylphthalate	SW8270C	20	305	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Fluoranthene	SW8270C	20	226	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Benzidine	SW8270C	20	3320	3320	ND		ug/Kg	05/15/24	6:06	TA	484020
Pyrene	SW8270C	20	270	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Butylbenzylphthalate	SW8270C	20	475	16300	ND		ug/Kg	05/15/24	6:06	TA	484020
Benzo(a)anthracene	SW8270C	20	222	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
3,3-Dichlorobenzidine	SW8270C	20	2660	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Chrysene	SW8270C	20	343	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Bis(2-Ethylhexyl)phthalate	SW8270C	20	346	16300	ND		ug/Kg	05/15/24	6:06	TA	484020
Di-n-Octylphthalate	SW8270C	20	277	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Benzo(b)fluorathene	SW8270C	20	272	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
benzo(k)fluorathene	SW8270C	20	184	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Benzo(a)pyrene	SW8270C	20	221	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Indeno(1,2,3-c,d)pyrene	SW8270C	20	312	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Dibenzo(a,h)anthracene	SW8270C	20	287	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Benzo(g,h,i)perylene	SW8270C	20	376	3250	ND		ug/Kg	05/15/24	6:06	TA	484020
Pyridine	SW8270C	20	376	3250	ND		ug/Kg	05/15/24	6:06	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24	1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM	

The results shown below are reported using their MDL.

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**0.000**	D	%	05/15/24	6:06	TA	484020
Phenol-d6 (S)	SW8270C		24 - 113		**0.000**	D	%	05/15/24	6:06	TA	484020
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**0.000**	D	%	05/15/24	6:06	TA	484020
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**0.000**	D	%	05/15/24	6:06	TA	484020
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**0.000**	D	%	05/15/24	6:06	TA	484020
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**0.000**	D	%	05/15/24	6:06	TA	484020

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

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160698	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	2	1.9	4.5	**38.2**	x	mg/Kg	05/16/24	10:03	SN	484035
TPH as Motor Oil	SW8015B	2	7.2	23	**102**		mg/Kg	05/16/24	10:03	SN	484035
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**93.9**		%	05/16/24	10:03	SN	484035

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.2	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Chloromethane	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Vinyl Chloride	SW8260B	1	2.0	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Bromomethane	SW8260B	1	2.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Chloroethane	SW8260B	1	3.0	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Trichlorofluoromethane	SW8260B	1	2.0	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,1-Dichloroethene	SW8260B	1	2.0	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Freon 113	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Methylene Chloride	SW8260B	1	7.0	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
trans-1,2-Dichloroethene	SW8260B	1	2.1	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
MTBE	SW8260B	1	2.3	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,1-Dichloroethane	SW8260B	1	2.2	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
cis-1,2-Dichloroethene	SW8260B	1	2.2	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
2,2-Dichloropropane	SW8260B	1	1.9	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Bromochloromethane	SW8260B	1	2.3	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Chloroform	SW8260B	1	2.3	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Carbon Tetrachloride	SW8260B	1	2.0	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,1,1-Trichloroethane	SW8260B	1	2.1	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,1-Dichloropropene	SW8260B	1	1.9	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Benzene	SW8260B	1	2.2	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,2-Dichloroethane	SW8260B	1	2.3	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Trichloroethene	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Dibromomethane	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,2-Dichloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Bromodichloromethane	SW8260B	1	1.9	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
cis-1,3-Dichloropropene	SW8260B	1	1.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Toluene	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Tetrachloroethene	SW8260B	1	1.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
trans-1,3-Dichloropropene	SW8260B	1	1.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,1,2-Trichloroethane	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Dibromochloromethane	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,3-Dichloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,2-Dibromoethane	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Chlorobenzene	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Ethylbenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
m,p-Xylene	SW8260B	1	3.1	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
o-Xylene	SW8260B	1	1.7	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	1.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Bromoform	SW8260B	1	1.7	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Isopropyl Benzene	SW8260B	1	1.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
n-Propylbenzene	SW8260B	1	1.5	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Bromobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
2-Chlorotoluene	SW8260B	1	1.7	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,3,5-Trimethylbenzene	SW8260B	1	1.5	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,2,3-Trichloropropane	SW8260B	1	1.9	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
4-Chlorotoluene	SW8260B	1	1.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
tert-Butylbenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,2,4-Trimethylbenzene	SW8260B	1	1.3	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
sec-Butyl Benzene	SW8260B	1	1.5	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
p-Isopropyltoluene	SW8260B	1	1.4	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,3-Dichlorobenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,4-Dichlorobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
n-Butylbenzene	SW8260B	1	1.4	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,2-Dichlorobenzene	SW8260B	1	1.7	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Hexachlorobutadiene	SW8260B	1	1.3	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,2,4-Trichlorobenzene	SW8260B	1	1.5	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
Naphthalene	SW8260B	1	1.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
1,2,3-Trichlorobenzene	SW8260B	1	1.6	9.8	ND		ug/Kg	05/16/24	16:00	HV	484066
2-Butanone	SW8260B	1	2.2	9.84	ND		ug/Kg	05/16/24	16:00	HV	484066
Acetone	SW8260B	1	8.0	19.7	**55.4**		ug/Kg	05/16/24	16:00	HV	484066
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**77.1**		%	05/16/24	16:00	HV	484066
(S) Toluene-d8	SW8260B		55.2 - 133		**102**		%	05/16/24	16:00	HV	484066
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**84.5**		%	05/16/24	16:00	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(1-1.5)	**Lab Sample ID:**	2405092-001B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:12		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/16/24	11:27:00AM
Prep Batch ID:	1160801	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	43	98	ND		ug/Kg	05/16/24	16:00	HV	484066
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**98.6**		%	05/16/24	16:00	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	5/13/24 7:35:00PM
Prep Batch ID:	1160688	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Mercury	SW7471B	1	0.11	0.66	**0.17**	J	mg/Kg	05/14/24	13:58	BJAY	483992

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	5/13/24 7:20:00PM
Prep Batch ID:	1160682	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6010B	1	0.066	6.60	ND		mg/Kg	05/14/24	20:36	AT	483984
Arsenic	SW6010B	1	0.20	1.72	**6.93**		mg/Kg	05/14/24	20:36	AT	483984
Barium	SW6010B	1	0.073	6.60	**572**		mg/Kg	05/14/24	20:36	AT	483984
Beryllium	SW6010B	1	0.073	6.60	**0.911**	J	mg/Kg	05/14/24	20:36	AT	483984
Cadmium	SW6010B	1	0.13	0.990	**0.502**	J	mg/Kg	05/14/24	20:36	AT	483984
Chromium	SW6010B	1	0.099	6.60	**74.6**		mg/Kg	05/14/24	20:36	AT	483984
Cobalt	SW6010B	1	0.092	6.60	**19.2**		mg/Kg	05/14/24	20:36	AT	483984
Copper	SW6010B	1	0.26	6.60	**48.0**		mg/Kg	05/14/24	20:36	AT	483984
Lead	SW6010B	1	0.13	3.96	**14.3**		mg/Kg	05/14/24	20:36	AT	483984
Molybdenum	SW6010B	1	0.066	6.60	**1.62**	J	mg/Kg	05/14/24	20:36	AT	483984
Nickel	SW6010B	1	0.66	6.60	**131**		mg/Kg	05/14/24	20:36	AT	483984
Selenium	SW6010B	1	0.46	1.45	ND		mg/Kg	05/14/24	20:36	AT	483984
Silver	SW6010B	1	0.20	0.660	ND		mg/Kg	05/14/24	20:36	AT	483984
Thallium	SW6010B	1	0.26	6.60	ND		mg/Kg	05/14/24	20:36	AT	483984
Vanadium	SW6010B	1	0.13	6.60	**60.3**		mg/Kg	05/14/24	20:36	AT	483984
Zinc	SW6010B	1	0.40	6.60	**111**		mg/Kg	05/14/24	20:36	AT	483984

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	5/15/24 12:47:00PM
Prep Batch ID:	1160637	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Aroclor1016	SW8082A	1	46.2	132	ND		ug/Kg	05/15/24	17:33	AK	483996
Aroclor1221	SW8082A	1	6.60	132	ND		ug/Kg	05/15/24	17:33	AK	483996
Aroclor1232	SW8082A	1	22.4	132	ND		ug/Kg	05/15/24	17:33	AK	483996
Aroclor1242	SW8082A	1	3.96	132	ND		ug/Kg	05/15/24	17:33	AK	483996
Aroclor1248	SW8082A	1	2.64	132	ND		ug/Kg	05/15/24	17:33	AK	483996
Aroclor1254	SW8082A	1	18.5	132	ND		ug/Kg	05/15/24	17:33	AK	483996
Aroclor1260	SW8082A	1	31.7	132	ND		ug/Kg	05/15/24	17:33	AK	483996
Total PCB	SW8082A	1	31.7	132	ND		ug/Kg	05/15/24	17:33	AK	483996
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**87.0**		%	05/15/24	17:33	AK	483996
DCBP (S)	SW8082A		48 - 135		**87.0**		%	05/15/24	17:33	AK	483996

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	5/14/24 1:33:00PM
Prep Batch ID:	1160701	**Prep Analyst:**	NDUM

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	1	0.17	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
gamma-BHC (Lindane)	SW8081B	1	0.21	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
beta-BHC	SW8081B	1	0.42	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
delta-BHC	SW8081B	1	0.20	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
Heptachlor	SW8081B	1	0.14	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
Aldrin	SW8081B	1	0.26	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
Heptachlor Epoxide	SW8081B	1	0.10	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
gamma-Chlordane	SW8081B	1	0.22	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
alpha-Chlordane	SW8081B	1	0.23	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
4,4'-DDE	SW8081B	1	0.26	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
Endosulfan I	SW8081B	1	0.24	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
Dieldrin	SW8081B	1	0.20	2.6	**0.510**	J	ug/Kg	05/15/24	15:16	MS	484029
Endrin	SW8081B	1	0.25	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
4,4'-DDD	SW8081B	1	0.75	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
Endosulfan II	SW8081B	1	0.76	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
4,4-DDT	SW8081B	1	0.17	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
Endrin Aldehyde	SW8081B	1	0.20	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
Methoxychlor	SW8081B	1	0.26	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
Endosulfan Sulfate	SW8081B	1	0.15	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
Endrin Ketone	SW8081B	1	0.57	2.6	ND		ug/Kg	05/15/24	15:16	MS	484029
Chlordane, Technical	SW8081B	1	2.8	26	ND		ug/Kg	05/15/24	15:16	MS	484029
Toxaphene	SW8081B	1	11	66	ND		ug/Kg	05/15/24	15:16	MS	484029
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**92.0**		%	05/15/24	15:16	MS	484029
Decachlorobiphenyl (S)	SW8081B		38 - 135		**65.5**		%	05/15/24	15:16	MS	484029

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	5/14/24	6:00:00PM
Prep Batch ID:	1160730	**Prep Analyst:**	KEYO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**31.7**		%	05/15/24	23:40	KY	484003
Dry Weight Factor	D2216	1	1	1	**1.32**		-	05/15/24	23:40	KY	484003

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
N-Nitrosodimethylamine	SW8270C	1	61.9	950	ND		ug/Kg	05/15/24	6:35	TA	484020
Phenol	SW8270C	1	57.8	380	ND		ug/Kg	05/15/24	6:35	TA	484020
Bis(2-chloroethyl)ether	SW8270C	1	17.5	190	ND		ug/Kg	05/15/24	6:35	TA	484020
2-Chlorophenol	SW8270C	1	63.0	380	ND		ug/Kg	05/15/24	6:35	TA	484020
1,3-Dichlorobenzene	SW8270C	1	17.3	190	ND		ug/Kg	05/15/24	6:35	TA	484020
1,4-Dichlorobenzene	SW8270C	1	19.3	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Benzyl Alcohol	SW8270C	1	27.0	380	ND		ug/Kg	05/15/24	6:35	TA	484020
1,2-Dichlorobenzene	SW8270C	1	17.8	190	ND		ug/Kg	05/15/24	6:35	TA	484020
2-Methylphenol (o-Cresol)	SW8270C	1	38.7	380	ND		ug/Kg	05/15/24	6:35	TA	484020
N-Methyl-2-Pyrrolidone (NMP)	SW8270C	1	89.8	950	ND		ug/Kg	05/15/24	6:35	TA	484020
Bis(2-chloroisopropyl)ether	SW8270C	1	16.6	190	ND		ug/Kg	05/15/24	6:35	TA	484020
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	41.3	380	ND		ug/Kg	05/15/24	6:35	TA	484020
N-nitroso-di-n-propylamine	SW8270C	1	17.4	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Hexachloroethane	SW8270C	1	22.5	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Nitrobenzene	SW8270C	1	17.0	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Isophorone	SW8270C	1	16.1	190	ND		ug/Kg	05/15/24	6:35	TA	484020
2-Nitrophenol	SW8270C	1	33.5	380	**33.8**	J	ug/Kg	05/15/24	6:35	TA	484020
2,4-Dimethylphenol	SW8270C	1	30.1	380	ND		ug/Kg	05/15/24	6:35	TA	484020
Benzoic Acid	SW8270C	1	55.1	380	ND		ug/Kg	05/15/24	6:35	TA	484020
Bis(2-Chloroethoxy)methane	SW8270C	1	12.9	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Bis(2-chloroisopropyl)ether	SW8270C	1	16.6	190	ND		ug/Kg	05/15/24	6:35	TA	484020
2,4-Dichlorophenol	SW8270C	1	51.9	380	ND		ug/Kg	05/15/24	6:35	TA	484020
1,2,4-Trichlorobenzene	SW8270C	1	15.6	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Naphthalene	SW8270C	1	14.0	190	ND		ug/Kg	05/15/24	6:35	TA	484020
2,6-Dichlorophenol	SW8270C	1	47.3	380	ND		ug/Kg	05/15/24	6:35	TA	484020
Hexachloro-1,3-butadiene	SW8270C	1	11.0	190	ND		ug/Kg	05/15/24	6:35	TA	484020
4-Chloro-3-methylphenol	SW8270C	1	44.6	380	ND		ug/Kg	05/15/24	6:35	TA	484020
2-Methylnaphthalene	SW8270C	1	13.8	190	ND		ug/Kg	05/15/24	6:35	TA	484020
1-Methylnaphthalene	SW8270C	1	16.1	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Hexachlorocyclopentadiene	SW8270C	1	17.1	190	ND		ug/Kg	05/15/24	6:35	TA	484020
2,4,6-Trichlorophenol	SW8270C	1	47.5	380	ND		ug/Kg	05/15/24	6:35	TA	484020
2,4,5-Trichlorophenol	SW8270C	1	44.1	380	ND		ug/Kg	05/15/24	6:35	TA	484020
2-Chloronaphthalene	SW8270C	1	14.0	190	ND		ug/Kg	05/15/24	6:35	TA	484020
1,4-Dinitrobenzene	SW8270C	1	13.6	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Dimethyl phthalate	SW8270C	1	18.7	950	ND		ug/Kg	05/15/24	6:35	TA	484020
1,3-Dinitrobenzene	SW8270C	1	13.7	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Acenaphthylene	SW8270C	1	10.9	190	ND		ug/Kg	05/15/24	6:35	TA	484020
2,6-Dinitrotoluene	SW8270C	1	14.9	190	ND		ug/Kg	05/15/24	6:35	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
1,2-Dinitrobenzene	SW8270C	1	20.8	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Acenaphthene	SW8270C	1	14.1	190	ND		ug/Kg	05/15/24	6:35	TA	484020
2,4-Dinitrophenol	SW8270C	1	102	950	ND		ug/Kg	05/15/24	6:35	TA	484020
4-Nitrophenol	SW8270C	1	72.2	950	ND		ug/Kg	05/15/24	6:35	TA	484020
Dibenzofuran	SW8270C	1	14.8	190	ND		ug/Kg	05/15/24	6:35	TA	484020
2,4-Dinitrotoluene	SW8270C	1	16.0	190	ND		ug/Kg	05/15/24	6:35	TA	484020
2,3,5,6-Tetrachlorophenol	SW8270C	1	36.4	380	ND		ug/Kg	05/15/24	6:35	TA	484020
2,3,4,6-Tetrachlorophenol	SW8270C	1	41.5	380	ND		ug/Kg	05/15/24	6:35	TA	484020
Diethylphthalate	SW8270C	1	18.0	950	ND		ug/Kg	05/15/24	6:35	TA	484020
Fluorene	SW8270C	1	13.6	190	ND		ug/Kg	05/15/24	6:35	TA	484020
4-Chlorophenyl-phenylether	SW8270C	1	12.3	190	ND		ug/Kg	05/15/24	6:35	TA	484020
4,6-Dinitro-2-methylphenol	SW8270C	1	17.7	380	ND		ug/Kg	05/15/24	6:35	TA	484020
Diphenylamine	SW8270C	1	17.2	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Azobenzene	SW8270C	1	150	190	ND		ug/Kg	05/15/24	6:35	TA	484020
4-Bromophenyl-phenylether	SW8270C	1	10.9	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Hexachlorobenzene	SW8270C	1	11.4	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Pentachlorophenol	SW8270C	1	33.0	380	ND		ug/Kg	05/15/24	6:35	TA	484020
Phenanthrene	SW8270C	1	12.3	190	**31.6**	J	ug/Kg	05/15/24	6:35	TA	484020
Anthracene	SW8270C	1	11.8	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Carbazole	SW8270C	1	14.2	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Di-n-butylphthalate	SW8270C	1	17.8	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Fluoranthene	SW8270C	1	13.2	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Benzidine	SW8270C	1	194	194	ND		ug/Kg	05/15/24	6:35	TA	484020
Pyrene	SW8270C	1	15.8	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Butylbenzylphthalate	SW8270C	1	27.8	950	ND		ug/Kg	05/15/24	6:35	TA	484020
Benzo(a)anthracene	SW8270C	1	12.9	190	ND		ug/Kg	05/15/24	6:35	TA	484020
3,3-Dichlorobenzidine	SW8270C	1	155	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Chrysene	SW8270C	1	20.0	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Bis(2-Ethylhexyl)phthalate	SW8270C	1	20.2	950	ND		ug/Kg	05/15/24	6:35	TA	484020
Di-n-Octylphthalate	SW8270C	1	16.2	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Benzo(b)fluorathene	SW8270C	1	15.9	190	ND		ug/Kg	05/15/24	6:35	TA	484020
benzo(k)fluorathene	SW8270C	1	10.8	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Benzo(a)pyrene	SW8270C	1	12.9	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Indeno(1,2,3-c,d)pyrene	SW8270C	1	18.2	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Dibenzo(a,h)anthracene	SW8270C	1	16.8	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Benzo(g,h,i)perylene	SW8270C	1	22.0	190	ND		ug/Kg	05/15/24	6:35	TA	484020
Pyridine	SW8270C	1	22.0	190	ND		ug/Kg	05/15/24	6:35	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	3546_BNA	**Prep Batch Date/Time:**	5/14/24	1:15:00PM
Prep Batch ID:	1160697	**Prep Analyst:**	NDUM	

The results shown below are reported using their MDL.

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
			Acceptance Limits								
2-Fluorophenol (S)	SW8270C		25 - 121		**52.1**		%	05/15/24	6:35	TA	484020
Phenol-d6 (S)	SW8270C		24 - 113		**46.9**		%	05/15/24	6:35	TA	484020
2,4,6-Tribromophenol (S)	SW8270C		19 - 122		**31.9**		%	05/15/24	6:35	TA	484020
2-Fluorobiphenyl (S)	SW8270C		45 - 143		**63.8**		%	05/15/24	6:35	TA	484020
Nitrobenzene-d5 (S)	SW8270C		23 - 120		**56.5**		%	05/15/24	6:35	TA	484020
p-Terphenyl-d14 (S)	SW8270C		18 - 137		**70.1**		%	05/15/24	6:35	TA	484020

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002A
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	5/14/24 1:15:00PM
Prep Batch ID:	1160698	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.1	2.6	**28.3**	x	mg/Kg	05/15/24	21:13	SN	484035
TPH as Motor Oil	SW8015B	1	4.2	13	**42.9**		mg/Kg	05/15/24	21:13	SN	484035
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**99.6**		%	05/15/24	21:13	SN	484035

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	1	1.5	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Chloromethane	SW8260B	1	2.3	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Vinyl Chloride	SW8260B	1	2.6	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Bromomethane	SW8260B	1	3.4	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Chloroethane	SW8260B	1	3.8	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Trichlorofluoromethane	SW8260B	1	2.6	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,1-Dichloroethene	SW8260B	1	2.5	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Freon 113	SW8260B	1	2.4	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Methylene Chloride	SW8260B	1	8.9	13	ND		ug/Kg	05/16/24	16:29	HV	484066
trans-1,2-Dichloroethene	SW8260B	1	2.6	13	ND		ug/Kg	05/16/24	16:29	HV	484066
MTBE	SW8260B	1	2.9	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,1-Dichloroethane	SW8260B	1	2.8	13	ND		ug/Kg	05/16/24	16:29	HV	484066
cis-1,2-Dichloroethene	SW8260B	1	2.8	13	ND		ug/Kg	05/16/24	16:29	HV	484066
2,2-Dichloropropane	SW8260B	1	2.4	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Bromochloromethane	SW8260B	1	2.9	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Chloroform	SW8260B	1	3.0	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Carbon Tetrachloride	SW8260B	1	2.6	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,1,1-Trichloroethane	SW8260B	1	2.6	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,1-Dichloropropene	SW8260B	1	2.5	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Benzene	SW8260B	1	2.8	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,2-Dichloroethane	SW8260B	1	2.9	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Trichloroethene	SW8260B	1	2.3	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Dibromomethane	SW8260B	1	2.3	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,2-Dichloropropane	SW8260B	1	2.3	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Bromodichloromethane	SW8260B	1	2.5	13	ND		ug/Kg	05/16/24	16:29	HV	484066
cis-1,3-Dichloropropene	SW8260B	1	2.0	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Toluene	SW8260B	1	2.3	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Tetrachloroethene	SW8260B	1	2.1	13	ND		ug/Kg	05/16/24	16:29	HV	484066
trans-1,3-Dichloropropene	SW8260B	1	2.1	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,1,2-Trichloroethane	SW8260B	1	2.3	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Dibromochloromethane	SW8260B	1	2.3	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,3-Dichloropropane	SW8260B	1	2.3	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,2-Dibromoethane	SW8260B	1	2.3	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Chlorobenzene	SW8260B	1	2.3	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Ethylbenzene	SW8260B	1	2.1	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,1,1,2-Tetrachloroethane	SW8260B	1	2.4	13	ND		ug/Kg	05/16/24	16:29	HV	484066
m,p-Xylene	SW8260B	1	4.0	13	ND		ug/Kg	05/16/24	16:29	HV	484066
o-Xylene	SW8260B	1	2.2	13	ND		ug/Kg	05/16/24	16:29	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	5/16/24 11:27:00AM
Prep Batch ID:	1160788	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Styrene	SW8260B	1	2.1	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Bromoform	SW8260B	1	2.1	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Isopropyl Benzene	SW8260B	1	2.0	13	ND		ug/Kg	05/16/24	16:29	HV	484066
n-Propylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Bromobenzene	SW8260B	1	2.2	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,1,2,2-Tetrachloroethane	SW8260B	1	2.4	13	ND		ug/Kg	05/16/24	16:29	HV	484066
2-Chlorotoluene	SW8260B	1	2.2	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,3,5-Trimethylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,2,3-Trichloropropane	SW8260B	1	2.4	13	ND		ug/Kg	05/16/24	16:29	HV	484066
4-Chlorotoluene	SW8260B	1	2.1	13	ND		ug/Kg	05/16/24	16:29	HV	484066
tert-Butylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,2,4-Trimethylbenzene	SW8260B	1	1.7	13	ND		ug/Kg	05/16/24	16:29	HV	484066
sec-Butyl Benzene	SW8260B	1	1.9	13	ND		ug/Kg	05/16/24	16:29	HV	484066
p-Isopropyltoluene	SW8260B	1	1.8	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,3-Dichlorobenzene	SW8260B	1	2.1	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,4-Dichlorobenzene	SW8260B	1	2.1	13	ND		ug/Kg	05/16/24	16:29	HV	484066
n-Butylbenzene	SW8260B	1	1.8	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,2-Dichlorobenzene	SW8260B	1	2.2	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.3	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Hexachlorobutadiene	SW8260B	1	1.7	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,2,4-Trichlorobenzene	SW8260B	1	1.8	13	ND		ug/Kg	05/16/24	16:29	HV	484066
Naphthalene	SW8260B	1	2.1	13	ND		ug/Kg	05/16/24	16:29	HV	484066
1,2,3-Trichlorobenzene	SW8260B	1	2.1	13	ND		ug/Kg	05/16/24	16:29	HV	484066
2-Butanone	SW8260B	1	2.9	12.5	ND		ug/Kg	05/16/24	16:29	HV	484066
Acetone	SW8260B	1	10	25.0	**81.7**		ug/Kg	05/16/24	16:29	HV	484066
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**74.1**		%	05/16/24	16:29	HV	484066
(S) Toluene-d8	SW8260B		55.2 - 133		**102**		%	05/16/24	16:29	HV	484066
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**83.6**		%	05/16/24	16:29	HV	484066

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/13/24, 12:14 pm
Date Reported: 05/20/24

Client Sample ID:	GW-4(5-5.5)	**Lab Sample ID:**	2405092-002B
Project Name/Location:	Bixby University Station	**Sample Matrix:**	Soil
Project Number:	285-2-3		
Date/Time Sampled:	05/13/24 / 10:14		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	5/16/24	11:27:00AM
Prep Batch ID:	1160801	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	54	130	ND		ug/Kg	05/16/24	16:29	HV	484066
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**81.4**		%	05/16/24	16:29	HV	484066

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405092	**Prep Method:**	3546_PCB	**Prep Date:**	05/15/24	**Prep Batch:**	1160637
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	483996
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Aroclor1016	35.0	100	ND	
Aroclor1221	5.00	100	ND	
Aroclor1232	17.0	100	ND	
Aroclor1242	3.00	100	ND	
Aroclor1248	2.00	100	ND	
Aroclor1254	14.0	100	ND	
Aroclor1260	24.0	100	ND	
TCMX (S)			104	
DCBP (S)			106	

Work Order:	2405092	**Prep Method:**	3050B	**Prep Date:**	05/13/24	**Prep Batch:**	1160682
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483984
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	0.11	J
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	0.065	J
Beryllium	0.055	5.00	ND	
Cadmium	0.10	0.750	ND	
Chromium	0.075	5.00	0.075	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	1.30	0.14	J
Molybdenum	0.050	5.00	0.050	
Nickel	0.50	5.00	ND	
Selenium	0.35	1.10	ND	
Silver	0.15	0.500	ND	
Thallium	0.20	5.00	ND	
Vanadium	0.10	5.00	ND	
Zinc	0.30	5.00	ND	

Work Order:	2405092	**Prep Method:**	7471BP	**Prep Date:**	05/13/24	**Prep Batch:**	1160688
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483992
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.083	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405092	**Prep Method:**	3546_BNA	**Prep Date:**	05/14/24	**Prep Batch:**	1160697
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	484020
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
N-Nitrosodimethylamine	46.9	720	ND	
Phenol	43.8	288	ND	
Bis(2-chloroethyl)ether	13.3	144	ND	
2-Chlorophenol	47.7	288	ND	
1,3-Dichlorobenzene	13.1	144	ND	
1,4-Dichlorobenzene	14.6	144	ND	
Benzyl Alcohol	20.5	288	ND	
1,2-Dichlorobenzene	13.5	144	ND	
2-Methylphenol (o-Cresol)	29.3	288	ND	
N-Methyl-2-Pyrrolidone (NMP)	68.0	720	ND	
3-/4-Methylphenol (p-/m-Cresol)	31.3	288	ND	
N-nitroso-di-n-propylamine	13.2	144	ND	
Hexachloroethane	17.1	144	ND	
Nitrobenzene	12.8	144	ND	
Isophorone	12.2	144	ND	
2-Nitrophenol	25.4	288	ND	
2,4-Dimethylphenol	22.8	288	ND	
Benzoic Acid	41.7	288	ND	
Bis(2-Chloroethoxy)methane	9.79	144	ND	
Bis(2-chloroisopropyl)ether	12.6	144	ND	
2,4-Dichlorophenol	39.3	288	ND	
1,2,4-Trichlorobenzene	11.8	144	ND	
Naphthalene	10.6	144	ND	
2,6-Dichlorophenol	35.8	288	ND	
Hexachloro-1,3-butadiene	8.34	144	ND	
4-Chloro-3-methylphenol	33.8	288	ND	
2-Methylnaphthalene	10.4	144	ND	
1-Methylnaphthalene	12.2	144	ND	
Hexachlorocyclopentadiene	12.9	144	ND	
2,4,6-Trichlorophenol	35.9	288	ND	
2,4,5-Trichlorophenol	33.4	288	ND	
2-Chloronaphthalene	10.6	144	ND	
1,4-Dinitrobenzene	10.3	144	ND	
Dimethyl phthalate	14.2	720	ND	
1,3-Dinitrobenzene	10.4	144	ND	
Acenaphthylene	8.28	144	ND	
2,6-Dinitrotoluene	11.3	144	ND	
1,2-Dinitrobenzene	15.8	144	ND	
Acenaphthene	10.7	144	ND	
2,4-Dinitrophenol	77.6	720	ND	
4-Nitrophenol	54.7	720	ND	
Dibenzofuran	11.2	144	ND	
2,4-Dinitrotoluene	12.1	144	ND	
2,3,5,6-Tetrachlorophenol	27.6	288	ND	
2,3,4,6-Tetrachlorophenol	31.5	288	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405092	**Prep Method:**	3546_BNA	**Prep Date:**	05/14/24	**Prep Batch:**	1160697
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	484020
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Diethylphthalate	13.6	720	ND	
Fluorene	10.3	144	ND	
4-Chlorophenyl-phenylether	9.32	144	ND	
4,6-Dinitro-2-methylphenol	13.4	288	ND	
Diphenylamine	13.0	144	ND	
Azobenzene	114	144	ND	
4-Bromophenyl-phenylether	8.23	144	ND	
Hexachlorobenzene	8.66	144	ND	
Pentachlorophenol	25.0	288	ND	
Phenanthrene	9.32	144	ND	
Anthracene	8.91	144	ND	
Carbazole	10.7	144	ND	
Di-n-butylphthalate	13.5	144	ND	
Fluoranthene	10.0	147	ND	
Benzidine	147	144	ND	
Pyrene	12.0	144	ND	
Butylbenzylphthalate	21.0	720	ND	
Benzo(a)anthracene	9.80	144	ND	
3,3-Dichlorobenzidine	118	144	ND	
Chrysene	15.2	144	ND	
Bis(2-Ethylhexyl)phthalate	15.3	720	ND	
Di-n-Octylphthalate	12.3	144	ND	
Benzo(b)fluorathene	12.0	144	ND	
benzo(k)fluorathene	8.16	144	ND	
Benzo(a)pyrene	9.80	144	ND	
Indeno(1,2,3-c,d)pyrene	13.8	144	ND	
Dibenzo(a,h)anthracene	12.7	144	ND	
Benzo(g,h,i)perylene	12.7	144	ND	
Pyridine	43.8	720	ND	
2-Fluorophenol (S)			65.9	
Phenol-d6 (S)			70.8	
2,4,6-Tribromophenol (S)			53.0	
2-Fluorobiphenyl (S)			77.3	
Nitrobenzene-d5 (S)			73.6	
p-Terphenyl-d14 (S)			75.4	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405092	**Prep Method:**	3546_TPH	**Prep Date:**	05/14/24	**Prep Batch:**	1160698
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484035
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.66	2.0	0.737	
TPH as Motor Oil	0.76	5.0	3.23	
Pentacosane (S)			107	

Work Order:	2405092	**Prep Method:**	3546_OCP	**Prep Date:**	05/14/24	**Prep Batch:**	1160701
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	484001
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	2.7	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			83.6	
Decachlorobiphenyl (S)			87.1	

Work Order:	2405092	**Prep Method:**	% Water-P	**Prep Date:**	05/14/24	**Prep Batch:**	1160730
Matrix:	Soil	**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484003
Units:	%						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405092	**Prep Method:**	5035	**Prep Date:**	05/16/24	**Prep Batch:**	1160788
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484066
Units:	ug/Kg						

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

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405092	**Prep Method:**	5035	**Prep Date:**	05/16/24	**Prep Batch:**	1160788
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484066
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
MIBK	2.0	20	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			82.8	
(S) Toluene-d8			95.3	
(S) 4-Bromofluorobenzene			87.7	

Work Order:	2405092	**Prep Method:**	5035GRO	**Prep Date:**	05/16/24	**Prep Batch:**	1160801
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484066
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			122	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405092	**Prep Method:**	1311/3010A	**Prep Date:**	05/24/24	**Prep Batch:**	1161026
Matrix:	Soil	**Analytical Method:**	SW6010B-TCLP	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484315
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Arsenic (TCLP)	0.40	0.20	ND	
Chromium (TCLP)	0.010	0.20	ND	

Work Order:	2405092	**Prep Method:**	WET/3010B	**Prep Date:**	05/24/24	**Prep Batch:**	1161030
Matrix:	Soil	**Analytical Method:**	SW6010B-STLC	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484314
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Arsenic (STLC)	0.40	0.40	ND	
Chromium (STLC)	0.010	0.20	0.016	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405092	**Prep Method:**	3546_PCB	**Prep Date:**	05/15/24	**Prep Batch:**	1160637
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	483996
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53	100	ND	600	81.8	83.3	1.82	25 - 145	30	
Aroclor1260	36	100	ND	600	63.8	65.2	2.07	30 - 145	30	
TCMX (S)				0.10	97.0	98.0		48 - 125		
DCBP (S)				0.10	99.0	102		48 - 135		

Work Order:	2405092	**Prep Method:**	3050B	**Prep Date:**	05/13/24	**Prep Batch:**	1160682
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483984
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	0.11	50	93.0	92.7	0.215	80 - 120	30	
Arsenic	0.15	1.30	ND	50	94.2	93.3	0.853	80 - 120	30	
Barium	0.055	5.00	0.065	50	96.7	95.8	1.04	80 - 120	30	
Beryllium	0.055	5.00	ND	50	97.3	96.3	1.03	80 - 120	30	
Cadmium	0.10	0.750	ND	50	98.7	97.9	0.813	80 - 120	30	
Chromium	0.075	5.00	0.075	50	98.2	97.2	1.02	80 - 120	30	
Cobalt	0.070	5.00	ND	50	98.1	97.3	0.818	80 - 120	30	
Copper	0.20	5.00	ND	50	96.2	95.2	1.04	80 - 120	30	
Lead	0.10	3.00	0.14	50	98.9	98.1	0.811	80 - 120	30	
Molybdenum	0.050	5.00	0.050	50	98.6	98.1	0.407	80 - 120	30	
Nickel	0.50	5.00	ND	50	97.8	96.9	0.821	80 - 120	30	
Selenium	0.22	5.00	ND	50	88.4	87.6	0.909	80 - 120	30	
Silver	0.15	1.00	ND	50	93.1	92.2	1.08	80 - 120	30	
Thallium	0.20	5.00	ND	50	97.7	96.8	1.03	80 - 120	30	
Vanadium	0.10	5.00	ND	50	98.4	97.4	1.02	80 - 120	30	
Zinc	0.30	5.00	ND	50	98.7	97.6	1.22	80 - 120	30	

Work Order:	2405092	**Prep Method:**	7471BP	**Prep Date:**	05/13/24	**Prep Batch:**	1160688
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	483992
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	102	104	2.33	80 - 120	20	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405092	**Prep Method:**	3546_BNA	**Prep Date:**	05/14/24	**Prep Batch:**	1160697
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	484020
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	43.8	288	ND	1200	64.0	64.0	0.000	40 - 100	30	
2-Chlorophenol	47.7	288	ND	1200	67.6	67.7	0.123	45 - 105	30	
Bis(2-chloroethyl)ether	14.6	144	ND	400	73.9	72.4	2.39	35 - 105	30	
N-nitroso-di-n-propylamine	13.2	144	ND	400	55.7	55.7	0.000	40 - 115	30	
1,2,4-Trichlorobenzene	11.8	144	ND	400	72.8	71.0	2.43	45 - 110	30	
1,4-Dichlorobenzene	33.8	288	ND	1200	69.3	69.5	0.240	45 - 110	30	
Acenaphthene	10.7	144	ND	400	71.5	70.4	1.41	45 - 110	30	
4-Nitrophenol	54.7	720	ND	1200	54.8	55.5	1.21	15 - 140	30	
2,4-Dinitrotoluene	12.1	144	ND	400	79.1	79.6	0.631	50 - 115	30	
N-Methyl-2-Pyrrolidone (NMP)	12.0	144	ND	1200	54.5	53.8	1.39	25 - 120	30	
Pyrene	12.0	144		400	103	108	4.28	45 - 145	30	
2-Fluorophenol (S)				11100	65.3	65.3		25 - 121		
Phenol-d6 (S)				11100	70.4	68.8		24 - 113		
2,4,6-Tribromophenol (S)				11100	55.6	55.4		19 - 122		
2-Fluorobiphenyl (S)				5560	79.4	75.6		30 - 143		
Nitrobenzene-d5 (S)				5560	68.8	69.6		23 - 120		
p-Terphenyl-d14 (S)				5560	72.5	71.9		18 - 137		

Work Order:	2405092	**Prep Method:**	3546_TPH	**Prep Date:**	05/14/24	**Prep Batch:**	1160698
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	5/15/2024	**Analytical Batch:**	484035
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.66	2.0		25.0	95.0	82.6	13.9	52 - 115	30	
Pentacosane (S)				200	117	98.7		45 - 130		

Work Order:	2405092	**Prep Method:**	3546_OCP	**Prep Date:**	05/14/24	**Prep Batch:**	1160701
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	5/14/2024	**Analytical Batch:**	484001
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	91.3	90.3	1.10	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	93.5	92.3	1.35	40 - 130	30	
Aldrin	0.20	2.0	ND	40	90.4	89.6	1.11	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	88.8	87.0	1.99	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	92.8	92.1	0.541	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	91.8	90.8	1.10	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	87.4	86.5		48 - 125		
Decachlorobiphenyl (S)				100	92.5	92.5		38 - 135		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405092	**Prep Method:**	5035	**Prep Date:**	05/16/24	**Prep Batch:**	1160788
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484066
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	101	98.9	2.40	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	115	110	4.09	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	109	105	3.17	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	110	109	0.548	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	107	106	1.32	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	98.8	105		59.8 - 148		
(S) Toluene-d8				50.0	107	104		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	104	101		55.8 - 141		

Work Order:	2405092	**Prep Method:**	5035GRO	**Prep Date:**	05/16/24	**Prep Batch:**	1160801
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484066
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	ND	1000	106	109	2.79	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	122	125		43.9 - 127		

Work Order:	2405092	**Prep Method:**	1311/3010A	**Prep Date:**	05/24/24	**Prep Batch:**	1161026
Matrix:	Soil	**Analytical Method:**	SW6010B-TCLP	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484315
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Arsenic (TCLP)	0.20	0.40	ND	10	97.1	98.9	1.84	80 - 120	20	
Chromium (TCLP)	0.010	0.20	ND	10	95.5	97.4	1.97	80 - 120	20	

Work Order:	2405092	**Prep Method:**	WET/3010B	**Prep Date:**	05/24/24	**Prep Batch:**	1161030
Matrix:	Soil	**Analytical Method:**	SW6010B-STLC	**Analyzed Date:**	5/24/2024	**Analytical Batch:**	484314
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Arsenic (STLC)	0.20	0.40	ND	10	102	97.5	4.51	80 - 120	20	
Chromium (STLC)	0.010	0.20	0.016	10	97.9	93.9	4.17	80 - 120	20	

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: Bixby University Station

Work Order No.: 2405092

Date and Time Received: 5/13/2024 12:14:00PM

Received By: CM

Physically Logged By: CM

Checklist Completed By: CM

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?	Yes	Temperature:	1.0	°C
Water-VOA vials have zero headspace?	No VOA vials submitted			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: NA

pH Adjusted by: NA

Comments:

Login Summary Report

Client ID:	TL5119	Cornerstone Earth Group		**QC Level:**	II
Project Name:	Bixby University Station			**TAT Requested:**	5+ day:5
Project # :	285-2-3			**Date Received:**	5/13/2024
Report Due Date:	5/29/2024			**Time Received:**	12:14 pm

Comments:

Work Order # : ***2405092***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2405092-001A	GW-4(1-1.5)	05/13/24 10:12	Soil	11/09/24			SVO_S_8270C DryWt Met_S_CAM17TCLP Met_S_CAM17STLC TPHDO_S_8015B DryWt PMOIST Pest_S_8081 DryWt EDD Hg_S_7471B Dry Wt Met_S_6010CAM17 DryW PCBs_S_8082A_Dry Wt	
Sample Note:	Pls report to MDLs							
2405092-001B	GW-4(1-1.5)	05/13/24 10:12	Soil	11/09/24			PMOIST VOC_S_GRO DWF En_VOC 8260 DWF Ext	
Sample Note:	Encores. Pls report to MDL							
2405092-002A	GW-4(5-5.5)	05/13/24 10:14	Soil	11/09/24			PCBs_S_8082A_Dry Wt Met_S_6010CAM17 DryW Hg_S_7471B Dry Wt Pest_S_8081 DryWt PMOIST TPHDO_S_8015B DryWt SVO_S_8270C DryWt	
2405092-002B	GW-4(5-5.5)	05/13/24 10:14	Soil	11/09/24			PMOIST En_VOC 8260 DWF Ext VOC_S_GRO DWF	

Torrent LABORATORY, INC.

CORNERSTONE EARTH GROUP

Chain of Custody Record

Cornerstone Earth Group, Inc.	Project Manager: Peter Langtry	Site Sampler: HCG	Lab: Torrent	COC No: 1 Date: 5/13/24
	Phone: 825-817-8814	Phone: (408) 781-2425	Lab Contact: Kathie Evans	COC Page 1 of 1
1259 Oakmead Parkway	Analysis Turnaround Time:	Lab EDD Required: Cornerstone EDD		Laboratory's Job No. 2405092
Sunnyvale, CA 94085	1 WEEK ◉	Reporting Limits:		
Phone: (408)-245-4600	3 DAY ○	Tier 1 ESLs		
	2 DAY ○	Report to MDLs		
Project Name: Bixby University Station	1 DAY ○			
Site: 451-475 El Camino Real	OTHER:			
Project Number: 285-2-3				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs & TPH-g 8260B	SVOCs 8270C	TPH-d/o 8015B	OCPs 8081A	PCBs 8082	CAM 17 Metals 6010B/7471	STLC	TCLP	Laboratory's Sample Specific Notes:
GW-4(1-1.5)	10/2	5/13/24	liner/core	soil	4		X	X	X	X	X	X			
GW-4(5-5.5)	10/4	↓	↓	↓	4		X	X	X	X	X	X			

Special Instructions/QC Requirements & Comments: REPORT ON A DRY-WEIGHT BASIS.

Adjust TAT for soluble analyses to report results with other analytes. Please provide EDD at same time as PDF report.

Freeze CNOs/Terra Cores placed on hold.

P/O 1.4 #4

Send results to: hguckes@cornerstoneearth.com; plangtry@cornerstoneearth.com

Address invoice to: accounting@cornerstoneearth.com; plangtry@cornerstoneearth.com

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Cornerstone Earth Group	5/13/24 1212	[signature] Claudia Moreno	Torrent	5/13/24 12:14
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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

RE: 451-475 El Camino Real ,Santa Clara

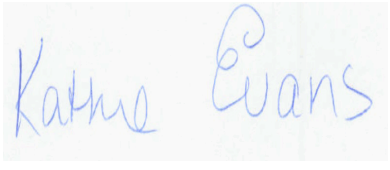
Work Order No.: 2405135

Dear Peter Langtry:

Torrent Laboratory, Inc. received 6 sample(s) on May 16, 2024 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

May 20, 2024
Date

Date: 5/20/2024

Client: Cornerstone Earth Group

Project: 451-475 El Camino Real ,Santa Clara

Work Order: 2405135

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: Peter Langtry
Cornerstone Earth Group

Date Received: 05/16/24
Date Reported: 05/20/24

SV-10 2405135-001

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	3.6	2.0	10	360
Carbon Disulfide	TO15	3.6	1.3	5.6	260
2-Propanol (Isopropyl Alcohol)	TO15	3.6	4.6	44	64
Acetone	TO15	3.6	1.4	43	160
Hexane	TO15	3.6	1.7	6.3	190
Chloroform	TO15	3.6	3.5	8.8	5.7
Benzene	TO15	3.6	1.6	5.7	40
Toluene	TO15	3.6	2.7	6.8	47
Tetrachloroethylene	TO15	3.6	5.2	12	13
1,2-Dibromoethane (EDB)	TO15	3.6	2.7	14	2.7
Ethyl Benzene	TO15	3.6	2.3	7.8	6.2
m,p-Xylene	TO15	3.6	3.5	7.8	22
o-Xylene	TO15	3.6	1.1	7.8	12
4-Ethyl Toluene	TO15	3.6	2.0	8.9	8.8
1,3,5-Trimethylbenzene	TO15	3.6	1.1	8.9	4.5
1,2,4-Trimethylbenzene	TO15	3.6	2.1	8.9	9.0
TPH as Gasoline	TO15	3.6	150	630	10900

SV-9 2405135-002

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	2	1.1	5.6	29
Carbon Disulfide	TO15	2	0.75	3.1	23
Acetone	TO15	2	0.79	24	98
Hexane	TO15	2	0.93	3.5	21
Chloroform	TO15	2	1.9	4.9	5.8
2-Butanone (MEK)	TO15	2	0.78	3.0	21
Tetrahydrofuran	TO15	2	0.90	3.0	89
Benzene	TO15	2	0.87	3.2	19
Toluene	TO15	2	1.5	3.8	23
4-Methyl-2-Pentanone (MIBK)	TO15	2	1.5	4.1	6.0
Tetrachloroethylene	TO15	2	2.9	6.8	19
Ethyl Benzene	TO15	2	1.3	4.3	6.0
m,p-Xylene	TO15	2	2.0	4.3	25
o-Xylene	TO15	2	0.61	4.3	13
4-Ethyl Toluene	TO15	2	1.1	4.9	3.6
1,3,5-Trimethylbenzene	TO15	2	0.60	4.9	2.4
1,2,4-Trimethylbenzene	TO15	2	1.2	4.9	4.3
TPH as Gasoline	TO15	2	81	350	4440

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/16/24
Date Reported: 05/20/24

SV-15 2405135-003

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	3	1.7	8.4	580
Carbon Disulfide	TO15	3	1.1	4.7	53
2-Propanol (Isopropyl Alcohol)	TO15	3	3.8	37	27
Acetone	TO15	3	1.2	36	150
Hexane	TO15	3	1.4	5.3	1.4
tert-Butanol	TO15	3	1.9	4.5	8.6
Chloroform	TO15	3	2.9	7.3	6.7
2-Butanone (MEK)	TO15	3	1.2	4.4	29
Tetrahydrofuran	TO15	3	1.3	4.4	30
Benzene	TO15	3	1.3	4.8	10
Toluene	TO15	3	2.3	5.7	7.5
Tetrachloroethylene	TO15	3	4.4	10	7.3
o-Xylene	TO15	3	0.91	6.5	1.7
TPH as Gasoline	TO15	3	120	530	1990

SV-15R 2405135-004

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	3.5	1.9	9.8	960
Carbon Disulfide	TO15	3.5	1.3	5.4	75
Acetone	TO15	3.5	1.4	42	220
Chloroform	TO15	3.5	3.4	8.5	11
2-Butanone (MEK)	TO15	3.5	1.4	5.2	37
Tetrahydrofuran	TO15	3.5	1.6	5.2	42
Benzene	TO15	3.5	1.5	5.6	16
Toluene	TO15	3.5	2.6	6.6	12
Tetrachloroethylene	TO15	3.5	5.1	12	11
m,p-Xylene	TO15	3.5	3.4	7.6	3.8
o-Xylene	TO15	3.5	1.1	7.6	2.7
TPH as Gasoline	TO15	3.5	140	620	1430

SV-15R(IPA) 2405135-005

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
2-Propanol (Isopropyl Alcohol)	ETO15	1200	1500	15000	100000

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date Received: 05/16/24
Date Reported: 05/20/24

SV-16 2405135-006

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	2.9	1.6	8.1	52
Carbon Disulfide	TO15	2.9	1.1	4.5	33
2-Propanol (Isopropyl Alcohol)	TO15	2.9	3.7	36	56
Acetone	TO15	2.9	1.1	35	41
Hexane	TO15	2.9	1.3	5.1	1.4
tert-Butanol	TO15	2.9	1.8	4.4	3.6
Chloroform	TO15	2.9	2.8	7.1	5.8
1,1,1-Trichloroethane	TO15	2.9	2.3	7.9	12
2-Butanone (MEK)	TO15	2.9	1.1	4.3	12
Tetrahydrofuran	TO15	2.9	1.3	4.3	66
Benzene	TO15	2.9	1.3	4.6	13
Toluene	TO15	2.9	2.2	5.5	15
Tetrachloroethylene	TO15	2.9	4.2	9.8	6.6
Ethyl Benzene	TO15	2.9	1.8	6.3	2.2
m,p-Xylene	TO15	2.9	2.8	6.3	6.9
o-Xylene	TO15	2.9	0.88	6.3	3.2
TPH as Gasoline	TO15	2.9	120	510	1170

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-10	**Lab Sample ID:**	2405135-001A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:05	**Certified Clean WO # :**	
Canister/Tube ID:	N1439	**Received PSI :**	6.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24 4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	3.60	5.6	8.9	ND	ND		05/17/24	21:08	BP	484118
1,1-Difluoroethane	TO15	3.60	1.2	49	ND	ND		05/17/24	21:08	BP	484118
1,2-Dichlorotetrafluoroethane	TO15	3.60	5.0	13	ND	ND		05/17/24	21:08	BP	484118
Chloromethane	TO15	3.60	7.4	15	ND	ND		05/17/24	21:08	BP	484118
Vinyl Chloride	TO15	3.60	0.81	4.6	ND	ND		05/17/24	21:08	BP	484118
1,3-Butadiene	TO15	3.60	1.2	4.0	ND	ND		05/17/24	21:08	BP	484118
Bromomethane	TO15	3.60	2.4	7.0	ND	ND		05/17/24	21:08	BP	484118
Chloroethane	TO15	3.60	2.9	4.8	ND	ND		05/17/24	21:08	BP	484118
Trichlorofluoromethane	TO15	3.60	2.0	10	360	64.06		05/17/24	21:08	BP	484118
1,1-Dichloroethene	TO15	3.60	3.0	7.1	ND	ND		05/17/24	21:08	BP	484118
Freon 113	TO15	3.60	3.7	14	ND	ND		05/17/24	21:08	BP	484118
Carbon Disulfide	TO15	3.60	1.3	5.6	260	83.60		05/17/24	21:08	BP	484118
2-Propanol (Isopropyl Alcohol)	TO15	3.60	4.6	44	64	26.02		05/17/24	21:08	BP	484118
Methylene Chloride	TO15	3.60	2.5	37	ND	ND		05/17/24	21:08	BP	484118
Acetone	TO15	3.60	1.4	43	160	67.23		05/17/24	21:08	BP	484118
trans-1,2-Dichloroethene	TO15	3.60	1.7	7.1	ND	ND		05/17/24	21:08	BP	484118
Hexane	TO15	3.60	1.7	6.3	190	53.98		05/17/24	21:08	BP	484118
MTBE	TO15	3.60	1.6	6.5	ND	ND		05/17/24	21:08	BP	484118
tert-Butanol	TO15	3.60	2.2	5.5	ND	ND		05/17/24	21:08	BP	484118
Diisopropyl ether (DIPE)	TO15	3.60	2.6	7.5	ND	ND		05/17/24	21:08	BP	484118
1,1-Dichloroethane	TO15	3.60	2.0	7.3	ND	ND		05/17/24	21:08	BP	484118
ETBE	TO15	3.60	1.2	7.5	ND	ND		05/17/24	21:08	BP	484118
cis-1,2-Dichloroethene	TO15	3.60	3.0	7.1	ND	ND		05/17/24	21:08	BP	484118
Chloroform	TO15	3.60	3.5	8.8	5.7	1.17	J	05/17/24	21:08	BP	484118
Vinyl Acetate	TO15	3.60	2.7	6.3	ND	ND		05/17/24	21:08	BP	484118
Carbon Tetrachloride	TO15	3.60	4.0	11	ND	ND		05/17/24	21:08	BP	484118
1,1,1-Trichloroethane	TO15	3.60	2.9	9.8	ND	ND		05/17/24	21:08	BP	484118
2-Butanone (MEK)	TO15	3.60	1.4	5.3	ND	ND		05/17/24	21:08	BP	484118
Ethyl Acetate	TO15	3.60	1.7	6.5	ND	ND		05/17/24	21:08	BP	484118
Tetrahydrofuran	TO15	3.60	1.6	5.3	ND	ND		05/17/24	21:08	BP	484118
Benzene	TO15	3.60	1.6	5.7	40	12.54		05/17/24	21:08	BP	484118
TAME	TO15	3.60	2.4	7.5	ND	ND		05/17/24	21:08	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-10	**Lab Sample ID:**	2405135-001A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:05	**Certified Clean WO # :**	
Canister/Tube ID:	N1439	**Received PSI :**	6.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,2-Dichloroethane (EDC)	TO15	3.60	1.5	7.3	ND	ND		05/17/24	21:08	BP	484118
Trichloroethylene	TO15	3.60	2.9	9.7	ND	ND		05/17/24	21:08	BP	484118
1,2-Dichloropropane	TO15	3.60	2.7	8.3	ND	ND		05/17/24	21:08	BP	484118
Bromodichloromethane	TO15	3.60	2.7	12	ND	ND		05/17/24	21:08	BP	484118
1,4-Dioxane	TO15	3.60	6.5	13	ND	ND		05/17/24	21:08	BP	484118
trans-1,3-Dichloropropene	TO15	3.60	3.8	8.2	ND	ND		05/17/24	21:08	BP	484118
Toluene	TO15	3.60	2.7	6.8	47	12.47		05/17/24	21:08	BP	484118
4-Methyl-2-Pentanone (MIBK)	TO15	3.60	2.7	7.4	ND	ND		05/17/24	21:08	BP	484118
cis-1,3-Dichloropropene	TO15	3.60	1.5	8.2	ND	ND		05/17/24	21:08	BP	484118
Tetrachloroethylene	TO15	3.60	5.2	12	13	1.92		05/17/24	21:08	BP	484118
1,1,2-Trichloroethane	TO15	3.60	2.1	9.8	ND	ND		05/17/24	21:08	BP	484118
Dibromochloromethane	TO15	3.60	4.0	15	ND	ND		05/17/24	21:08	BP	484118
1,2-Dibromoethane (EDB)	TO15	3.60	2.7	14	2.7	0.35		05/17/24	21:08	BP	484118
2-Hexanone	TO15	3.60	2.3	7.4	ND	ND		05/17/24	21:08	BP	484118
Ethyl Benzene	TO15	3.60	2.3	7.8	6.2	1.43	J	05/17/24	21:08	BP	484118
Chlorobenzene	TO15	3.60	2.2	8.3	ND	ND		05/17/24	21:08	BP	484118
1,1,1,2-Tetrachloroethane	TO15	3.60	3.0	12	ND	ND		05/17/24	21:08	BP	484118
m,p-Xylene	TO15	3.60	3.5	7.8	22	5.07		05/17/24	21:08	BP	484118
o-Xylene	TO15	3.60	1.1	7.8	12	2.76		05/17/24	21:08	BP	484118
Styrene	TO15	3.60	1.7	7.7	ND	ND		05/17/24	21:08	BP	484118
Bromoform	TO15	3.60	4.7	19	ND	ND		05/17/24	21:08	BP	484118
1,1,2,2-Tetrachloroethane	TO15	3.60	2.9	12	ND	ND		05/17/24	21:08	BP	484118
4-Ethyl Toluene	TO15	3.60	2.0	8.9	8.8	1.79	J	05/17/24	21:08	BP	484118
1,3,5-Trimethylbenzene	TO15	3.60	1.1	8.9	4.5	0.91	J	05/17/24	21:08	BP	484118
1,2,4-Trimethylbenzene	TO15	3.60	2.1	8.9	9.0	1.83		05/17/24	21:08	BP	484118
1,4-Dichlorobenzene	TO15	3.60	2.7	11	ND	ND		05/17/24	21:08	BP	484118
1,3-Dichlorobenzene	TO15	3.60	4.8	11	ND	ND		05/17/24	21:08	BP	484118
1,2-Dichlorobenzene	TO15	3.60	3.9	11	ND	ND		05/17/24	21:08	BP	484118
Hexachlorobutadiene	TO15	3.60	6.7	19	ND	ND		05/17/24	21:08	BP	484118
1,2,4-Trichlorobenzene	TO15	3.60	7.7	13	ND	ND		05/17/24	21:08	BP	484118
Naphthalene	TO15	3.60	4.6	9.4	ND	ND		05/17/24	21:08	BP	484118
(S) 4-Bromofluorobenzene	TO15	3.60	50	150	97 %			05/17/24	21:08	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-10	**Lab Sample ID:**	2405135-001A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:05	**Certified Clean WO # :**	
Canister/Tube ID:	N1439	**Received PSI :**	6.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160864	**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 as Gasoline	TO15	3.60	150	630	10900	3,096.59	x	05/17/24	21:08	BP	484118

NOTE: Reporting limit increased due to low initial pressure in canister.
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: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-9	**Lab Sample ID:**	2405135-002A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:20	**Certified Clean WO # :**	
Canister/Tube ID:	N3982	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	2.00	3.1	5.0	ND	ND		05/17/24	21:34	BP	484118
1,1-Difluoroethane	TO15	2.00	0.69	27	ND	ND		05/17/24	21:34	BP	484118
1,2-Dichlorotetrafluoroethane	TO15	2.00	2.8	7.0	ND	ND		05/17/24	21:34	BP	484118
Chloromethane	TO15	2.00	4.1	8.3	ND	ND		05/17/24	21:34	BP	484118
Vinyl Chloride	TO15	2.00	0.45	2.6	ND	ND		05/17/24	21:34	BP	484118
1,3-Butadiene	TO15	2.00	0.68	2.2	ND	ND		05/17/24	21:34	BP	484118
Bromomethane	TO15	2.00	1.3	3.9	ND	ND		05/17/24	21:34	BP	484118
Chloroethane	TO15	2.00	1.6	2.6	ND	ND		05/17/24	21:34	BP	484118
Trichlorofluoromethane	TO15	2.00	1.1	5.6	29	5.16		05/17/24	21:34	BP	484118
1,1-Dichloroethene	TO15	2.00	1.7	4.0	ND	ND		05/17/24	21:34	BP	484118
Freon 113	TO15	2.00	2.0	7.7	ND	ND		05/17/24	21:34	BP	484118
Carbon Disulfide	TO15	2.00	0.75	3.1	23	7.40		05/17/24	21:34	BP	484118
2-Propanol (Isopropyl Alcohol)	TO15	2.00	2.6	25	ND	ND		05/17/24	21:34	BP	484118
Methylene Chloride	TO15	2.00	1.4	21	ND	ND		05/17/24	21:34	BP	484118
Acetone	TO15	2.00	0.79	24	98	41.18		05/17/24	21:34	BP	484118
trans-1,2-Dichloroethene	TO15	2.00	0.95	4.0	ND	ND		05/17/24	21:34	BP	484118
Hexane	TO15	2.00	0.93	3.5	21	5.97		05/17/24	21:34	BP	484118
MTBE	TO15	2.00	0.89	3.6	ND	ND		05/17/24	21:34	BP	484118
tert-Butanol	TO15	2.00	1.2	3.0	ND	ND		05/17/24	21:34	BP	484118
Diisopropyl ether (DIPE)	TO15	2.00	1.5	4.2	ND	ND		05/17/24	21:34	BP	484118
1,1-Dichloroethane	TO15	2.00	1.1	4.1	ND	ND		05/17/24	21:34	BP	484118
ETBE	TO15	2.00	0.65	4.2	ND	ND		05/17/24	21:34	BP	484118
cis-1,2-Dichloroethene	TO15	2.00	1.7	4.0	ND	ND		05/17/24	21:34	BP	484118
Chloroform	TO15	2.00	1.9	4.9	5.8	1.19		05/17/24	21:34	BP	484118
Vinyl Acetate	TO15	2.00	1.5	3.5	ND	ND		05/17/24	21:34	BP	484118
Carbon Tetrachloride	TO15	2.00	2.2	6.3	ND	ND		05/17/24	21:34	BP	484118
1,1,1-Trichloroethane	TO15	2.00	1.6	5.5	ND	ND		05/17/24	21:34	BP	484118
2-Butanone (MEK)	TO15	2.00	0.78	3.0	21	7.12		05/17/24	21:34	BP	484118
Ethyl Acetate	TO15	2.00	0.95	3.6	ND	ND		05/17/24	21:34	BP	484118
Tetrahydrofuran	TO15	2.00	0.90	3.0	89	30.17		05/17/24	21:34	BP	484118
Benzene	TO15	2.00	0.87	3.2	19	5.96		05/17/24	21:34	BP	484118
TAME	TO15	2.00	1.3	4.2	ND	ND		05/17/24	21:34	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-9	**Lab Sample ID:**	2405135-002A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:20	**Certified Clean WO # :**	
Canister/Tube ID:	N3982	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,2-Dichloroethane (EDC)	TO15	2.00	0.84	4.1	ND	ND		05/17/24	21:34	BP	484118
Trichloroethylene	TO15	2.00	1.6	5.4	ND	ND		05/17/24	21:34	BP	484118
1,2-Dichloropropane	TO15	2.00	1.5	4.6	ND	ND		05/17/24	21:34	BP	484118
Bromodichloromethane	TO15	2.00	1.5	6.7	ND	ND		05/17/24	21:34	BP	484118
1,4-Dioxane	TO15	2.00	3.6	7.2	ND	ND		05/17/24	21:34	BP	484118
trans-1,3-Dichloropropene	TO15	2.00	2.1	4.5	ND	ND		05/17/24	21:34	BP	484118
Toluene	TO15	2.00	1.5	3.8	23	6.10		05/17/24	21:34	BP	484118
4-Methyl-2-Pentanone (MIBK)	TO15	2.00	1.5	4.1	6.0	1.46		05/17/24	21:34	BP	484118
cis-1,3-Dichloropropene	TO15	2.00	0.84	4.5	ND	ND		05/17/24	21:34	BP	484118
Tetrachloroethylene	TO15	2.00	2.9	6.8	19	2.80		05/17/24	21:34	BP	484118
1,1,2-Trichloroethane	TO15	2.00	1.2	5.5	ND	ND		05/17/24	21:34	BP	484118
Dibromochloromethane	TO15	2.00	2.2	8.5	ND	ND		05/17/24	21:34	BP	484118
1,2-Dibromoethane (EDB)	TO15	2.00	1.5	7.7	ND	ND		05/17/24	21:34	BP	484118
2-Hexanone	TO15	2.00	1.3	4.1	ND	ND		05/17/24	21:34	BP	484118
Ethyl Benzene	TO15	2.00	1.3	4.3	6.0	1.38		05/17/24	21:34	BP	484118
Chlorobenzene	TO15	2.00	1.2	4.6	ND	ND		05/17/24	21:34	BP	484118
1,1,1,2-Tetrachloroethane	TO15	2.00	1.7	6.9	ND	ND		05/17/24	21:34	BP	484118
m,p-Xylene	TO15	2.00	2.0	4.3	25	5.76		05/17/24	21:34	BP	484118
o-Xylene	TO15	2.00	0.61	4.3	13	3.00		05/17/24	21:34	BP	484118
Styrene	TO15	2.00	0.93	4.3	ND	ND		05/17/24	21:34	BP	484118
Bromoform	TO15	2.00	2.6	10	ND	ND		05/17/24	21:34	BP	484118
1,1,2,2-Tetrachloroethane	TO15	2.00	1.6	6.9	ND	ND		05/17/24	21:34	BP	484118
4-Ethyl Toluene	TO15	2.00	1.1	4.9	3.6	0.73	J	05/17/24	21:34	BP	484118
1,3,5-Trimethylbenzene	TO15	2.00	0.60	4.9	2.4	0.49	J	05/17/24	21:34	BP	484118
1,2,4-Trimethylbenzene	TO15	2.00	1.2	4.9	4.3	0.87	J	05/17/24	21:34	BP	484118
1,4-Dichlorobenzene	TO15	2.00	1.5	6.0	ND	ND		05/17/24	21:34	BP	484118
1,3-Dichlorobenzene	TO15	2.00	2.7	6.0	ND	ND		05/17/24	21:34	BP	484118
1,2-Dichlorobenzene	TO15	2.00	2.1	6.0	ND	ND		05/17/24	21:34	BP	484118
Hexachlorobutadiene	TO15	2.00	3.7	11	ND	ND		05/17/24	21:34	BP	484118
1,2,4-Trichlorobenzene	TO15	2.00	4.3	7.4	ND	ND		05/17/24	21:34	BP	484118
Naphthalene	TO15	2.00	2.5	5.2	ND	ND		05/17/24	21:34	BP	484118
(S) 4-Bromofluorobenzene	TO15	2.00	50	150	100 %			05/17/24	21:34	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-9	**Lab Sample ID:**	2405135-002A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/14/24 / 9:20	**Certified Clean WO # :**	
Canister/Tube ID:	N3982	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160864	**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 as Gasoline	TO15	2.00	81	350	4440	1,261.36		05/17/24	21:34	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15	**Lab Sample ID:**	2405135-003A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 /	**Certified Clean WO # :**	
Canister/Tube ID:	6321	**Received PSI :**	10.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	3.00	4.7	7.4	ND	ND		05/17/24	21:59	BP	484118
1,1-Difluoroethane	TO15	3.00	1.0	41	ND	ND		05/17/24	21:59	BP	484118
1,2-Dichlorotetrafluoroethane	TO15	3.00	4.2	10	ND	ND		05/17/24	21:59	BP	484118
Chloromethane	TO15	3.00	6.1	12	ND	ND		05/17/24	21:59	BP	484118
Vinyl Chloride	TO15	3.00	0.68	3.8	ND	ND		05/17/24	21:59	BP	484118
1,3-Butadiene	TO15	3.00	1.0	3.3	ND	ND		05/17/24	21:59	BP	484118
Bromomethane	TO15	3.00	2.0	5.8	ND	ND		05/17/24	21:59	BP	484118
Chloroethane	TO15	3.00	2.4	4.0	ND	ND		05/17/24	21:59	BP	484118
Trichlorofluoromethane	TO15	3.00	1.7	8.4	580	103.20		05/17/24	21:59	BP	484118
1,1-Dichloroethene	TO15	3.00	2.5	6.0	ND	ND		05/17/24	21:59	BP	484118
Freon 113	TO15	3.00	3.1	11	ND	ND		05/17/24	21:59	BP	484118
Carbon Disulfide	TO15	3.00	1.1	4.7	53	17.04		05/17/24	21:59	BP	484118
2-Propanol (Isopropyl Alcohol)	TO15	3.00	3.8	37	27	10.98	J	05/17/24	21:59	BP	484118
Methylene Chloride	TO15	3.00	2.1	31	ND	ND		05/17/24	21:59	BP	484118
Acetone	TO15	3.00	1.2	36	150	63.03		05/17/24	21:59	BP	484118
trans-1,2-Dichloroethene	TO15	3.00	1.4	5.9	ND	ND		05/17/24	21:59	BP	484118
Hexane	TO15	3.00	1.4	5.3	1.4	0.40		05/17/24	21:59	BP	484118
MTBE	TO15	3.00	1.3	5.4	ND	ND		05/17/24	21:59	BP	484118
tert-Butanol	TO15	3.00	1.9	4.5	8.6	2.84		05/17/24	21:59	BP	484118
Diisopropyl ether (DIPE)	TO15	3.00	2.2	6.3	ND	ND		05/17/24	21:59	BP	484118
1,1-Dichloroethane	TO15	3.00	1.6	6.1	ND	ND		05/17/24	21:59	BP	484118
ETBE	TO15	3.00	0.98	6.3	ND	ND		05/17/24	21:59	BP	484118
cis-1,2-Dichloroethene	TO15	3.00	2.5	5.9	ND	ND		05/17/24	21:59	BP	484118
Chloroform	TO15	3.00	2.9	7.3	6.7	1.37	J	05/17/24	21:59	BP	484118
Vinyl Acetate	TO15	3.00	2.3	5.3	ND	ND		05/17/24	21:59	BP	484118
Carbon Tetrachloride	TO15	3.00	3.3	9.4	ND	ND		05/17/24	21:59	BP	484118
1,1,1-Trichloroethane	TO15	3.00	2.4	8.2	ND	ND		05/17/24	21:59	BP	484118
2-Butanone (MEK)	TO15	3.00	1.2	4.4	29	9.83		05/17/24	21:59	BP	484118
Ethyl Acetate	TO15	3.00	1.4	5.4	ND	ND		05/17/24	21:59	BP	484118
Tetrahydrofuran	TO15	3.00	1.3	4.4	30	10.17		05/17/24	21:59	BP	484118
Benzene	TO15	3.00	1.3	4.8	10	3.13		05/17/24	21:59	BP	484118
TAME	TO15	3.00	2.0	6.3	ND	ND		05/17/24	21:59	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15	**Lab Sample ID:**	2405135-003A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 /	**Certified Clean WO # :**	
Canister/Tube ID:	6321	**Received PSI :**	10.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,2-Dichloroethane (EDC)	TO15	3.00	1.3	6.1	ND	ND		05/17/24	21:59	BP	484118
Trichloroethylene	TO15	3.00	2.4	8.1	ND	ND		05/17/24	21:59	BP	484118
1,2-Dichloropropane	TO15	3.00	2.3	6.9	ND	ND		05/17/24	21:59	BP	484118
Bromodichloromethane	TO15	3.00	2.2	10	ND	ND		05/17/24	21:59	BP	484118
1,4-Dioxane	TO15	3.00	5.4	11	ND	ND		05/17/24	21:59	BP	484118
trans-1,3-Dichloropropene	TO15	3.00	3.2	6.8	ND	ND		05/17/24	21:59	BP	484118
Toluene	TO15	3.00	2.3	5.7	7.5	1.99		05/17/24	21:59	BP	484118
4-Methyl-2-Pentanone (MIBK)	TO15	3.00	2.2	6.2	ND	ND		05/17/24	21:59	BP	484118
cis-1,3-Dichloropropene	TO15	3.00	1.3	6.8	ND	ND		05/17/24	21:59	BP	484118
Tetrachloroethylene	TO15	3.00	4.4	10	7.3	1.08	J	05/17/24	21:59	BP	484118
1,1,2-Trichloroethane	TO15	3.00	1.8	8.2	ND	ND		05/17/24	21:59	BP	484118
Dibromochloromethane	TO15	3.00	3.3	13	ND	ND		05/17/24	21:59	BP	484118
1,2-Dibromoethane (EDB)	TO15	3.00	2.2	12	ND	ND		05/17/24	21:59	BP	484118
2-Hexanone	TO15	3.00	2.0	6.2	ND	ND		05/17/24	21:59	BP	484118
Ethyl Benzene	TO15	3.00	1.9	6.5	ND	ND		05/17/24	21:59	BP	484118
Chlorobenzene	TO15	3.00	1.8	6.9	ND	ND		05/17/24	21:59	BP	484118
1,1,1,2-Tetrachloroethane	TO15	3.00	2.5	10	ND	ND		05/17/24	21:59	BP	484118
m,p-Xylene	TO15	3.00	2.9	6.5	ND	ND		05/17/24	21:59	BP	484118
o-Xylene	TO15	3.00	0.91	6.5	1.7	0.39	J	05/17/24	21:59	BP	484118
Styrene	TO15	3.00	1.4	6.4	ND	ND		05/17/24	21:59	BP	484118
Bromoform	TO15	3.00	3.9	16	ND	ND		05/17/24	21:59	BP	484118
1,1,2,2-Tetrachloroethane	TO15	3.00	2.5	10	ND	ND		05/17/24	21:59	BP	484118
4-Ethyl Toluene	TO15	3.00	1.6	7.4	ND	ND		05/17/24	21:59	BP	484118
1,3,5-Trimethylbenzene	TO15	3.00	0.90	7.4	ND	ND		05/17/24	21:59	BP	484118
1,2,4-Trimethylbenzene	TO15	3.00	1.8	7.4	ND	ND		05/17/24	21:59	BP	484118
1,4-Dichlorobenzene	TO15	3.00	2.2	9.0	ND	ND		05/17/24	21:59	BP	484118
1,3-Dichlorobenzene	TO15	3.00	4.0	9.0	ND	ND		05/17/24	21:59	BP	484118
1,2-Dichlorobenzene	TO15	3.00	3.2	9.0	ND	ND		05/17/24	21:59	BP	484118
Hexachlorobutadiene	TO15	3.00	5.6	16	ND	ND		05/17/24	21:59	BP	484118
1,2,4-Trichlorobenzene	TO15	3.00	6.5	11	ND	ND		05/17/24	21:59	BP	484118
Naphthalene	TO15	3.00	3.8	7.9	ND	ND		05/17/24	21:59	BP	484118
(S) 4-Bromofluorobenzene	TO15	3.00	50	150	90 %			05/17/24	21:59	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15	**Lab Sample ID:**	2405135-003A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 /	**Certified Clean WO # :**	
Canister/Tube ID:	6321	**Received PSI :**	10.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160864	**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 as Gasoline	TO15	3.00	120	530	1990	565.34		05/17/24	21:59	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15R	**Lab Sample ID:**	2405135-004A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 10:30	**Certified Clean WO # :**	
Canister/Tube ID:	A7463	**Received PSI :**	10.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24 4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL

The results shown below are reported using their MDL.

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15	3.50	5.5	8.7	ND	ND		05/17/24	22:28	BP	484118
1,1-Difluoroethane	TO15	3.50	1.2	47	ND	ND		05/17/24	22:28	BP	484118
1,2-Dichlorotetrafluoroethane	TO15	3.50	4.9	12	ND	ND		05/17/24	22:28	BP	484118
Chloromethane	TO15	3.50	7.2	14	ND	ND		05/17/24	22:28	BP	484118
Vinyl Chloride	TO15	3.50	0.79	4.5	ND	ND		05/17/24	22:28	BP	484118
1,3-Butadiene	TO15	3.50	1.2	3.9	ND	ND		05/17/24	22:28	BP	484118
Bromomethane	TO15	3.50	2.3	6.8	ND	ND		05/17/24	22:28	BP	484118
Chloroethane	TO15	3.50	2.8	4.6	ND	ND		05/17/24	22:28	BP	484118
Trichlorofluoromethane	TO15	3.50	1.9	9.8	960	170.82		05/17/24	22:28	BP	484118
1,1-Dichloroethene	TO15	3.50	2.9	6.9	ND	ND		05/17/24	22:28	BP	484118
Freon 113	TO15	3.50	3.6	13	ND	ND		05/17/24	22:28	BP	484118
Carbon Disulfide	TO15	3.50	1.3	5.4	75	24.12		05/17/24	22:28	BP	484118
2-Propanol (Isopropyl Alcohol)	TO15	3.50	4.5	43	ND	ND		05/17/24	22:28	BP	484118
Methylene Chloride	TO15	3.50	2.5	36	ND	ND		05/17/24	22:28	BP	484118
Acetone	TO15	3.50	1.4	42	220	92.44		05/17/24	22:28	BP	484118
trans-1,2-Dichloroethene	TO15	3.50	1.7	6.9	ND	ND		05/17/24	22:28	BP	484118
Hexane	TO15	3.50	1.6	6.2	ND	ND		05/17/24	22:28	BP	484118
MTBE	TO15	3.50	1.6	6.3	ND	ND		05/17/24	22:28	BP	484118
tert-Butanol	TO15	3.50	2.2	5.3	ND	ND		05/17/24	22:28	BP	484118
Diisopropyl ether (DIPE)	TO15	3.50	2.6	7.3	ND	ND		05/17/24	22:28	BP	484118
1,1-Dichloroethane	TO15	3.50	1.9	7.1	ND	ND		05/17/24	22:28	BP	484118
ETBE	TO15	3.50	1.1	7.3	ND	ND		05/17/24	22:28	BP	484118
cis-1,2-Dichloroethene	TO15	3.50	2.9	6.9	ND	ND		05/17/24	22:28	BP	484118
Chloroform	TO15	3.50	3.4	8.5	11	2.25		05/17/24	22:28	BP	484118
Vinyl Acetate	TO15	3.50	2.6	6.2	ND	ND		05/17/24	22:28	BP	484118
Carbon Tetrachloride	TO15	3.50	3.9	11	ND	ND		05/17/24	22:28	BP	484118
1,1,1-Trichloroethane	TO15	3.50	2.8	9.6	ND	ND		05/17/24	22:28	BP	484118
2-Butanone (MEK)	TO15	3.50	1.4	5.2	37	12.54		05/17/24	22:28	BP	484118
Ethyl Acetate	TO15	3.50	1.7	6.3	ND	ND		05/17/24	22:28	BP	484118
Tetrahydrofuran	TO15	3.50	1.6	5.2	42	14.24		05/17/24	22:28	BP	484118
Benzene	TO15	3.50	1.5	5.6	16	5.02		05/17/24	22:28	BP	484118
TAME	TO15	3.50	2.4	7.3	ND	ND		05/17/24	22:28	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15R	**Lab Sample ID:**	2405135-004A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 10:30	**Certified Clean WO # :**	
Canister/Tube ID:	A7463	**Received PSI :**	10.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,2-Dichloroethane (EDC)	TO15	3.50	1.5	7.1	ND	ND		05/17/24	22:28	BP	484118
Trichloroethylene	TO15	3.50	2.8	9.4	ND	ND		05/17/24	22:28	BP	484118
1,2-Dichloropropane	TO15	3.50	2.7	8.1	ND	ND		05/17/24	22:28	BP	484118
Bromodichloromethane	TO15	3.50	2.6	12	ND	ND		05/17/24	22:28	BP	484118
1,4-Dioxane	TO15	3.50	6.3	13	ND	ND		05/17/24	22:28	BP	484118
trans-1,3-Dichloropropene	TO15	3.50	3.7	7.9	ND	ND		05/17/24	22:28	BP	484118
Toluene	TO15	3.50	2.6	6.6	12	3.18		05/17/24	22:28	BP	484118
4-Methyl-2-Pentanone (MIBK)	TO15	3.50	2.6	7.2	ND	ND		05/17/24	22:28	BP	484118
cis-1,3-Dichloropropene	TO15	3.50	1.5	7.9	ND	ND		05/17/24	22:28	BP	484118
Tetrachloroethylene	TO15	3.50	5.1	12	11	1.62	J	05/17/24	22:28	BP	484118
1,1,2-Trichloroethane	TO15	3.50	2.0	9.6	ND	ND		05/17/24	22:28	BP	484118
Dibromochloromethane	TO15	3.50	3.9	15	ND	ND		05/17/24	22:28	BP	484118
1,2-Dibromoethane (EDB)	TO15	3.50	2.6	13	ND	ND		05/17/24	22:28	BP	484118
2-Hexanone	TO15	3.50	2.3	7.2	ND	ND		05/17/24	22:28	BP	484118
Ethyl Benzene	TO15	3.50	2.2	7.6	ND	ND		05/17/24	22:28	BP	484118
Chlorobenzene	TO15	3.50	2.1	8.1	ND	ND		05/17/24	22:28	BP	484118
1,1,1,2-Tetrachloroethane	TO15	3.50	2.9	12	ND	ND		05/17/24	22:28	BP	484118
m,p-Xylene	TO15	3.50	3.4	7.6	3.8	0.88	J	05/17/24	22:28	BP	484118
o-Xylene	TO15	3.50	1.1	7.6	2.7	0.62	J	05/17/24	22:28	BP	484118
Styrene	TO15	3.50	1.6	7.5	ND	ND		05/17/24	22:28	BP	484118
Bromoform	TO15	3.50	4.6	18	ND	ND		05/17/24	22:28	BP	484118
1,1,2,2-Tetrachloroethane	TO15	3.50	2.9	12	ND	ND		05/17/24	22:28	BP	484118
4-Ethyl Toluene	TO15	3.50	1.9	8.6	ND	ND		05/17/24	22:28	BP	484118
1,3,5-Trimethylbenzene	TO15	3.50	1.1	8.6	ND	ND		05/17/24	22:28	BP	484118
1,2,4-Trimethylbenzene	TO15	3.50	2.1	8.6	ND	ND		05/17/24	22:28	BP	484118
1,4-Dichlorobenzene	TO15	3.50	2.6	11	ND	ND		05/17/24	22:28	BP	484118
1,3-Dichlorobenzene	TO15	3.50	4.7	11	ND	ND		05/17/24	22:28	BP	484118
1,2-Dichlorobenzene	TO15	3.50	3.7	11	ND	ND		05/17/24	22:28	BP	484118
Hexachlorobutadiene	TO15	3.50	6.5	19	ND	ND		05/17/24	22:28	BP	484118
1,2,4-Trichlorobenzene	TO15	3.50	7.5	13	ND	ND		05/17/24	22:28	BP	484118
Naphthalene	TO15	3.50	4.5	9.2	ND	ND		05/17/24	22:28	BP	484118
(S) 4-Bromofluorobenzene	TO15	3.50	50	150	89 %			05/17/24	22:28	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15R	**Lab Sample ID:**	2405135-004A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 10:30	**Certified Clean WO # :**	
Canister/Tube ID:	A7463	**Received PSI :**	10.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160864	**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 as Gasoline	TO15	3.50	140	620	1430	406.25		05/17/24	22:28	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-15R(IPA)	**Lab Sample ID:**	2405135-005A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 10:30	**Certified Clean WO # :**	
Canister/Tube ID:	6127	**Received PSI :**	11.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/16/24	3:43:00PM
Prep Batch ID:	1160867	**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	1,200	1500	15000	100000	40,650.41		05/17/24	15:40	BA	484132
(S) 4-Bromofluorobenzene	ETO15	1,200	65	135	89 %			05/17/24	15:40	BA	484132

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-16	**Lab Sample ID:**	2405135-006A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 11:05	**Certified Clean WO # :**	
Canister/Tube ID:	A7471	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	TO15	2.90	4.6	7.2	ND	ND		05/17/24	23:29	BP	484118
1,1-Difluoroethane	TO15	2.90	1.0	39	ND	ND		05/17/24	23:29	BP	484118
1,2-Dichlorotetrafluoroethane	TO15	2.90	4.1	10	ND	ND		05/17/24	23:29	BP	484118
Chloromethane	TO15	2.90	5.9	12	ND	ND		05/17/24	23:29	BP	484118
Vinyl Chloride	TO15	2.90	0.65	3.7	ND	ND		05/17/24	23:29	BP	484118
1,3-Butadiene	TO15	2.90	0.99	3.2	ND	ND		05/17/24	23:29	BP	484118
Bromomethane	TO15	2.90	1.9	5.6	ND	ND		05/17/24	23:29	BP	484118
Chloroethane	TO15	2.90	2.4	3.8	ND	ND		05/17/24	23:29	BP	484118
Trichlorofluoromethane	TO15	2.90	1.6	8.1	52	9.25		05/17/24	23:29	BP	484118
1,1-Dichloroethene	TO15	2.90	2.4	5.8	ND	ND		05/17/24	23:29	BP	484118
Freon 113	TO15	2.90	3.0	11	ND	ND		05/17/24	23:29	BP	484118
Carbon Disulfide	TO15	2.90	1.1	4.5	33	10.61		05/17/24	23:29	BP	484118
2-Propanol (Isopropyl Alcohol)	TO15	2.90	3.7	36	56	22.76		05/17/24	23:29	BP	484118
Methylene Chloride	TO15	2.90	2.0	30	ND	ND		05/17/24	23:29	BP	484118
Acetone	TO15	2.90	1.1	35	41	17.23		05/17/24	23:29	BP	484118
trans-1,2-Dichloroethene	TO15	2.90	1.4	5.7	ND	ND		05/17/24	23:29	BP	484118
Hexane	TO15	2.90	1.3	5.1	1.4	0.40	J	05/17/24	23:29	BP	484118
MTBE	TO15	2.90	1.3	5.2	ND	ND		05/17/24	23:29	BP	484118
tert-Butanol	TO15	2.90	1.8	4.4	3.6	1.19	J	05/17/24	23:29	BP	484118
Diisopropyl ether (DIPE)	TO15	2.90	2.1	6.1	ND	ND		05/17/24	23:29	BP	484118
1,1-Dichloroethane	TO15	2.90	1.6	5.9	ND	ND		05/17/24	23:29	BP	484118
ETBE	TO15	2.90	0.95	6.1	ND	ND		05/17/24	23:29	BP	484118
cis-1,2-Dichloroethene	TO15	2.90	2.4	5.7	ND	ND		05/17/24	23:29	BP	484118
Chloroform	TO15	2.90	2.8	7.1	5.8	1.19	J	05/17/24	23:29	BP	484118
Vinyl Acetate	TO15	2.90	2.2	5.1	ND	ND		05/17/24	23:29	BP	484118
Carbon Tetrachloride	TO15	2.90	3.2	9.1	ND	ND		05/17/24	23:29	BP	484118
1,1,1-Trichloroethane	TO15	2.90	2.3	7.9	12	2.20		05/17/24	23:29	BP	484118
2-Butanone (MEK)	TO15	2.90	1.1	4.3	12	4.07		05/17/24	23:29	BP	484118
Ethyl Acetate	TO15	2.90	1.4	5.2	ND	ND		05/17/24	23:29	BP	484118
Tetrahydrofuran	TO15	2.90	1.3	4.3	66	22.37		05/17/24	23:29	BP	484118
Benzene	TO15	2.90	1.3	4.6	13	4.08		05/17/24	23:29	BP	484118
TAME	TO15	2.90	2.0	6.1	ND	ND		05/17/24	23:29	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-16	**Lab Sample ID:**	2405135-006A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 11:05	**Certified Clean WO # :**	
Canister/Tube ID:	A7471	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160863	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,2-Dichloroethane (EDC)	TO15	2.90	1.2	5.9	ND	ND		05/17/24	23:29	BP	484118
Trichloroethylene	TO15	2.90	2.3	7.8	ND	ND		05/17/24	23:29	BP	484118
1,2-Dichloropropane	TO15	2.90	2.2	6.7	ND	ND		05/17/24	23:29	BP	484118
Bromodichloromethane	TO15	2.90	2.2	9.7	ND	ND		05/17/24	23:29	BP	484118
1,4-Dioxane	TO15	2.90	5.2	10	ND	ND		05/17/24	23:29	BP	484118
trans-1,3-Dichloropropene	TO15	2.90	3.1	6.6	ND	ND		05/17/24	23:29	BP	484118
Toluene	TO15	2.90	2.2	5.5	15	3.98		05/17/24	23:29	BP	484118
4-Methyl-2-Pentanone (MIBK)	TO15	2.90	2.2	5.9	ND	ND		05/17/24	23:29	BP	484118
cis-1,3-Dichloropropene	TO15	2.90	1.2	6.6	ND	ND		05/17/24	23:29	BP	484118
Tetrachloroethylene	TO15	2.90	4.2	9.8	6.6	0.97	J	05/17/24	23:29	BP	484118
1,1,2-Trichloroethane	TO15	2.90	1.7	7.9	ND	ND		05/17/24	23:29	BP	484118
Dibromochloromethane	TO15	2.90	3.2	12	ND	ND		05/17/24	23:29	BP	484118
1,2-Dibromoethane (EDB)	TO15	2.90	2.1	11	ND	ND		05/17/24	23:29	BP	484118
2-Hexanone	TO15	2.90	1.9	5.9	ND	ND		05/17/24	23:29	BP	484118
Ethyl Benzene	TO15	2.90	1.8	6.3	2.2	0.51	J	05/17/24	23:29	BP	484118
Chlorobenzene	TO15	2.90	1.7	6.7	ND	ND		05/17/24	23:29	BP	484118
1,1,1,2-Tetrachloroethane	TO15	2.90	2.4	10.	ND	ND		05/17/24	23:29	BP	484118
m,p-Xylene	TO15	2.90	2.8	6.3	6.9	1.59		05/17/24	23:29	BP	484118
o-Xylene	TO15	2.90	0.88	6.3	3.2	0.74	J	05/17/24	23:29	BP	484118
Styrene	TO15	2.90	1.3	6.2	ND	ND		05/17/24	23:29	BP	484118
Bromoform	TO15	2.90	3.8	15	ND	ND		05/17/24	23:29	BP	484118
1,1,2,2-Tetrachloroethane	TO15	2.90	2.4	10.	ND	ND		05/17/24	23:29	BP	484118
4-Ethyl Toluene	TO15	2.90	1.6	7.1	ND	ND		05/17/24	23:29	BP	484118
1,3,5-Trimethylbenzene	TO15	2.90	0.87	7.1	ND	ND		05/17/24	23:29	BP	484118
1,2,4-Trimethylbenzene	TO15	2.90	1.7	7.1	ND	ND		05/17/24	23:29	BP	484118
1,4-Dichlorobenzene	TO15	2.90	2.2	8.7	ND	ND		05/17/24	23:29	BP	484118
1,3-Dichlorobenzene	TO15	2.90	3.9	8.7	ND	ND		05/17/24	23:29	BP	484118
1,2-Dichlorobenzene	TO15	2.90	3.1	8.7	ND	ND		05/17/24	23:29	BP	484118
Hexachlorobutadiene	TO15	2.90	5.4	15	ND	ND		05/17/24	23:29	BP	484118
1,2,4-Trichlorobenzene	TO15	2.90	6.2	11	ND	ND		05/17/24	23:29	BP	484118
Naphthalene	TO15	2.90	3.7	7.6	ND	ND		05/17/24	23:29	BP	484118
(S) 4-Bromofluorobenzene	TO15	2.90	50	150	100 %			05/17/24	23:29	BP	484118

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Peter Langtry
Cornerstone Earth Group

Date/Time Received: 05/16/24, 12:16 pm
Date Reported: 05/20/24

Client Sample ID:	SV-16	**Lab Sample ID:**	2405135-006A
Project Name/Location:	451-475 El Camino Real ,Santa Clara	**Sample Matrix:**	Air
Project Number:	285-2-01		
Date/Time Sampled:	05/16/24 / 11:05	**Certified Clean WO # :**	
Canister/Tube ID:	A7471	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-GRO	**Prep Batch Date/Time:**	5/17/24	4:51:00PM
Prep Batch ID:	1160864	**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 as Gasoline	TO15	2.90	120	510	1170	332.39		05/17/24	23:29	BP	484118

NOTE: Result is elevated due to contribution from heavy end hydrocarbons (possibly aged gasoline) and non-fuel light hydrocarbons to the C5-C12 range quantified as Gasoline.

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/17/24	**Prep Batch:**	1160863
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484118
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	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/17/24	**Prep Batch:**	1160863
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484118
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	
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			92	

Work Order:	2405135	**Prep Method:**	TO15-GRO	**Prep Date:**	05/17/24	**Prep Batch:**	1160864
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484118
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	11	50	13	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/16/24	**Prep Batch:**	1160867
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484132
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		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/16/24	**Prep Batch:**	1160867
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484132
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
1,1,2-Trichloroethane	0.11	0.50	ND		
Dibromochloromethane	0.13	0.50	ND		
1,2-Dibromoethane (EDB)	0.096	0.50	ND		
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			86		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/17/24	**Prep Batch:**	1160863
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/17/2024	**Analytical Batch:**	484118
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	101	102	0.741	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	114	104	8.92	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	111	98.9	11.6	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	97.8	98.1	0.383	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	100.	101	0.747	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	97.2	99.0		50 - 150		

Work Order:	2405135	**Prep Method:**	TO15-GRO	**Prep Date:**	05/17/24	**Prep Batch:**	1160864
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/18/2024	**Analytical Batch:**	484118
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	11	50	13	420	74.6	73.3	1.61	65 - 135	30	

Work Order:	2405135	**Prep Method:**	TO15-P	**Prep Date:**	05/16/24	**Prep Batch:**	1160867
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	5/16/2024	**Analytical Batch:**	484132
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	110	107	3.57	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	107	104	3.08	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	109	106	2.67	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	99.4	101	1.62	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	101	98.5	2.26	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	102	100		50 - 150		

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: 451-475 El Camino Real ,Santa Clara

Work Order No.: 2405135

Date and Time Received: 5/16/2024 12:16:00PM

Received By: cm

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:

Login Summary Report

Client ID:	TL5119 Cornerstone Earth Group	**QC Level:**	II
Project Name:	451-475 El Camino Real ,Santa Clara	**TAT Requested:**	2 Day Rush:2
Project # :	285-2-01	**Date Received:**	5/16/2024
Report Due Date:	5/20/2024	**Time Received:**	12:16 pm

Comments:

Work Order # : ***2405135***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2405135-001A	SV-10	05/14/24 9:05	Air				VOC_A_TO15 EDD VOC_A_TO15GRO	
Sample Note:	PIs report to MDL							
2405135-002A	SV-9	05/14/24 9:20	Air				VOC_A_TO15 VOC_A_TO15GRO	
2405135-003A	SV-15	05/16/24	Air				VOC_A_TO15 VOC_A_TO15GRO	
2405135-004A	SV-15R	05/16/24 10:30	Air				VOC_A_TO15 VOC_A_TO15GRO	
2405135-005A	SV-15R(IPA)	05/16/24 10:30	Air				VOC_A_PCE+T VOC_A_TO15	
Sample Note:	IPA only (shroud)							
2405135-006A	SV-16	05/16/24 11:05	Air				VOC_A_TO15 VOC_A_TO15GRO	

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

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

LAB WORK ORDER NO: 2405135

Company Name: Cornerstone Earth Group	☐ ☒ Env. ☐ Special	Project #: 285-2-1	PO #:
Address: 3697 Mt. Diablo Blvd		Project Name: 451-475 El Camino Real, Santa Clara	
City: Lafayette	State: CA	Zip Code: 94549	Comments: cc kknoll@cornerstoneearth.com
Telephone: 925 988 9500	Cell:		SAMPLER: Ross Tinline Quote #:
REPORT TO: Peter Longtry	BILL TO: Same		EMAIL: plongtry@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. ("Hg)	Final Vac. ("Hg)	Flow Controller #	TO 15 for VOCs + TPHg	TO 15 SIM	TO 17	TO15 for 2 propanol		REMARKS
001A	SV-10	5/14/24 0840-0905	SV	1	1L Summa	N1439	30	17	DE97	X					
002A	SV-9	5/14/24 0915-0920				N3982	30	5	DE105	X					
003A	SV-15	5/16/24				6321	29	4	DE56	X					
004A	SV-15R	5/16/24 1024-1030				A7463	29	4	DE56	X					
005A	SV-15R(IPA)	5/16/24 1024-1030	Shroud Atm			6127	30	6	DE145	X R1			X	2propanol only	
006A	SV-16	5/16/24 1059-1105	SV			A7471	30	5	DE92	X					

RUSH

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		Ross Tinline	5/16/24	1215		Claudia Moreno	5/16/24	12:16
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 By: Rec'd Camelia Date: Labeled By: @ ambient temp Date: Temp °C Page ___ of ___ Rev. 1

CORNERSTONE EARTH GROUP

APPENDIX D – 95 PERCENT UCL CALCULATIONS

UCL Statistics for Uncensored Full Data Sets

User Selected Options	
Date/Time of Computation	ProUCL 5.2 8/28/2024 10:48:16 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

C0

General Statistics

Total Number of Observations	27	Number of Distinct Observations	25
		Number of Missing Observations	1
Minimum	0.0254	Mean	0.257
Maximum	1.93	Median	0.073
SD	0.433	Std. Error of Mean	0.0833
Coefficient of Variation	1.686	Skewness	2.839

Normal GOF Test

Shapiro Wilk Test Statistic	0.599	**Shapiro Wilk GOF Test**
1% Shapiro Wilk Critical Value	0.894	Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.297	**Lilliefors GOF Test**
1% Lilliefors Critical Value	0.194	Data Not Normal at 1% Significance Level

Data Not Normal at 1% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	0.399	95% Adjusted-CLT UCL (Chen-1995)	0.442
		95% Modified-t UCL (Johnson-1978)	0.406

Gamma GOF Test

A-D Test Statistic	1.872	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.796	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.236	**Kolmogorov-Smirnov Gamma GOF Test**
5% K-S Critical Value	0.176	Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.621	k star (bias corrected MLE)	0.577
Theta hat (MLE)	0.413	Theta star (bias corrected MLE)	0.445
nu hat (MLE)	33.52	nu star (bias corrected)	31.13
MLE Mean (bias corrected)	0.257	MLE Sd (bias corrected)	0.338
		Approximate Chi Square Value (0.05)	19.39
Adjusted Level of Significance	0.0401	Adjusted Chi Square Value	18.79

Assuming Gamma Distribution

95% Approximate Gamma UCL	0.412	95% Adjusted Gamma UCL	0.425

	A	B	C	D	E	F	G	H	I	J	K	L
51	**Lognormal GOF Test**											
52					Shapiro Wilk Test Statistic	0.851	**Shapiro Wilk Lognormal GOF Test**					
53					10% Shapiro Wilk Critical Value	0.935	Data Not Lognormal at 10% Significance Level					
54					Lilliefors Test Statistic	0.25	**Lilliefors Lognormal GOF Test**					
55					10% Lilliefors Critical Value	0.153	Data Not Lognormal at 10% Significance Level					
56	**Data Not Lognormal at 10% Significance Level**											
57												
58	**Lognormal Statistics**											
59					Minimum of Logged Data	-3.673	Mean of logged Data	-2.35				
60					Maximum of Logged Data	0.658	SD of logged Data	1.384				
61												
62	**Assuming Lognormal Distribution**											
63					95% H-UCL	0.57	90% Chebyshev (MVUE) UCL	0.461				
64					95% Chebyshev (MVUE) UCL	0.564	97.5% Chebyshev (MVUE) UCL	0.708				
65					99% Chebyshev (MVUE) UCL	0.989						
66												
67	**Nonparametric Distribution Free UCL Statistics**											
68	**Data do not follow a Discernible Distribution**											
69												
70	**Nonparametric Distribution Free UCLs**											
71					95% CLT UCL	0.394	95% BCA Bootstrap UCL	0.432				
72					95% Standard Bootstrap UCL	0.388	95% Bootstrap-t UCL	0.54				
73					95% Hall's Bootstrap UCL	0.939	95% Percentile Bootstrap UCL	0.396				
74					90% Chebyshev(Mean, Sd) UCL	0.507	95% Chebyshev(Mean, Sd) UCL	0.62				
75					97.5% Chebyshev(Mean, Sd) UCL	0.777	99% Chebyshev(Mean, Sd) UCL	1.086				
76												
77	**Suggested UCL to Use**											
78					95% Student's-t UCL	0.399						
79												
80	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
81	**Please verify the data were collected from random locations.**											
82	**If the data were collected using judgmental or other non-random methods,**											
83	**then contact a statistician to correctly calculate UCLs.**											
84												
85	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
86	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
87	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
88												

UCL Statistics for Uncensored Full Data Sets

User Selected Options	
Date/Time of Computation	ProUCL 5.2 8/30/2024 2:14:18 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

C0

General Statistics

Total Number of Observations	32	Number of Distinct Observations	32
		Number of Missing Observations	1
Minimum	1.08	Mean	6.429
Maximum	15.5	Median	5.135
SD	3.64	Std. Error of Mean	0.643
Coefficient of Variation	0.566	Skewness	1.042

Normal GOF Test

Shapiro Wilk Test Statistic	0.902	**Shapiro Wilk GOF Test**
1% Shapiro Wilk Critical Value	0.904	Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.183	**Lilliefors GOF Test**
1% Lilliefors Critical Value	0.18	Data Not Normal at 1% Significance Level

Data Not Normal at 1% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	7.52	95% Adjusted-CLT UCL (Chen-1995)	7.614
		95% Modified-t UCL (Johnson-1978)	7.54

Gamma GOF Test

A-D Test Statistic	0.349	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.752	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.124	**Kolmogorov-Smirnov Gamma GOF Test**
5% K-S Critical Value	0.156	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	3.361	k star (bias corrected MLE)	3.067
Theta hat (MLE)	1.913	Theta star (bias corrected MLE)	2.096
nu hat (MLE)	215.1	nu star (bias corrected)	196.3
MLE Mean (bias corrected)	6.429	MLE Sd (bias corrected)	3.671
		Approximate Chi Square Value (0.05)	164.9
Adjusted Level of Significance	0.0416	Adjusted Chi Square Value	163.3

Assuming Gamma Distribution

95% Approximate Gamma UCL	7.654	95% Adjusted Gamma UCL	7.726

	A	B	C	D	E	F	G	H	I	J	K	L
51	**Lognormal GOF Test**											
52					Shapiro Wilk Test Statistic	0.972	**Shapiro Wilk Lognormal GOF Test**					
53					10% Shapiro Wilk Critical Value	0.941	Data appear Lognormal at 10% Significance Level					
54					Lilliefors Test Statistic	0.0964	**Lilliefors Lognormal GOF Test**					
55					10% Lilliefors Critical Value	0.142	Data appear Lognormal at 10% Significance Level					
56	**Data appear Lognormal at 10% Significance Level**											
57												
58	**Lognormal Statistics**											
59					Minimum of Logged Data	0.077	Mean of logged Data	1.705				
60					Maximum of Logged Data	2.741	SD of logged Data	0.588				
61												
62	**Assuming Lognormal Distribution**											
63					95% H-UCL	8.078	90% Chebyshev (MVUE) UCL	8.645				
64					95% Chebyshev (MVUE) UCL	9.619	97.5% Chebyshev (MVUE) UCL	10.97				
65					99% Chebyshev (MVUE) UCL	13.62						
66												
67	**Nonparametric Distribution Free UCL Statistics**											
68	**Data appear to follow a Discernible Distribution**											
69												
70	**Nonparametric Distribution Free UCLs**											
71					95% CLT UCL	7.487	95% BCA Bootstrap UCL	7.565				
72					95% Standard Bootstrap UCL	7.476	95% Bootstrap-t UCL	7.727				
73					95% Hall's Bootstrap UCL	7.661	95% Percentile Bootstrap UCL	7.504				
74					90% Chebyshev(Mean, Sd) UCL	8.359	95% Chebyshev(Mean, Sd) UCL	9.234				
75					97.5% Chebyshev(Mean, Sd) UCL	10.45	99% Chebyshev(Mean, Sd) UCL	12.83				
76												
77	**Suggested UCL to Use**											
78					95% Adjusted Gamma UCL	7.726						
79												
80	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
81	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
82	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
83												