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December 13, 2022

Gary Johnson
Acclaim Companies
125 Willow Road
Menlo Park, California 94025

Project No. 22-0013.01

Subject: Limited Subsurface Investigation
3128, 3150 and 3160 EL Camino Real
Palo Alto, Santa Clara County, California

Dear Mr. Johnson:

Rosso Environmental, Inc. (REI) is pleased to present the enclosed regarding the Subject pursuant to REI's Proposal Number 2022-0035rev1 dated June 22, 2022 and Change Order #1 dated September 21, 2022. Please contact me with any questions or comments.

Sincerely,

Jon A Rosso, PE
Principal
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Enclosure

ROSSO
ENVIRONMENTAL, INC.

Limited Subsurface Investigation

3128, 3150 and 3160 El Camino Real
Palo Alto, Santa Clara County, California

Prepared for
Acclaim Companies
Menlo Park, California

December 13, 2022
Project Number 22-0013.01

ASSESSMENT | INVESTIGATION | REMEDIATION | CONSULTING
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1.0 INTRODUCTION

As requested by Acclaim Companies, Rosso Environmental, Inc. (REI) and in accordance with REI's Proposal Number 2022-0035rev1 dated June 22, 2022 and Change Order #1 dated September 21, 2022, prepared this report to document limited subsurface investigation activities performed at 5 parcels of land addressed at 3128, 3150 and 3160 El Camino Real in Palo Alto, California (Site). This investigation was designed to preliminary screen subsurface media at the Site for potential environmental concerns that could affect planned Site redevelopment, which envisions demolition of the existing buildings and construction of a new building including two stories of underground parking. Towards that purpose, this investigation screened soil for analytes commonly required for disposing soil off-Site, and screened groundwater and soil vapor for volatile organic compounds VOCs. The scope of work was discussed with Leland Stanford Jr University (owner of 3 of the 5 Site parcels) and its consultant (Ground Zone Environmental Services), and REI incorporated that owner's comments into a work plan dated September 1, 2022, which that owner reviewed and approved before execution of this investigation. The Site location is shown on Figure 1. A Site plan with boring locations is shown on Figure 2.

2.0 INVESTIGATIVE METHODS

This investigation involved collecting soil, soil vapor, or groundwater samples from the following borings:

- Shallow soil samples from 25 borings (B1 through B23, SV-5, and SV-7) advanced to approximate depths to 4.0 feet below ground surface (bgs)
- Deeper soil samples from 4 borings (B1 through B4) advanced in perimeter locations to an approximate depth of 36 feet bgs; deeper soil from those borings was analyzed as 3 four-point composite samples from approximate depth intervals of 5.0, 15.0, and 25.0 feet bgs.
- Groundwater samples from 4 borings (B1 through B4) with sample IDs GW-1 through GW-4.
- Soil vapor 9 borings (SV-1 through SV-9) advanced to an approximate depth of 15 feet bgs with samples collected at approximately 5 and 15 feet bgs.

2.1 PRE-FIELD ACTIVITIES

Prior to performing field activities, REI:

- Prepared a Site-specific Health and Safety Plan (SHSP) in accordance with the requirements of the State of California General Industry Safety Order (GISO) 5192 and Title 29 of the Code of Federal Regulations, Section 1910.120 (29 CFR 1910.120), which was kept on-Site during field activities, and which described the work to be performed, safety precautions, emergency response procedures, nearest hospital information, and onsite personnel responsible for managing emergency situations.
- Marked the investigation locations with white paint and notified Underground Service Alert (USA) at least 48 hours prior to drilling, as required by law; USA provided Ticket Number X221602532-00X. REI also retained a professional utility location service, A-Plus Utility Locating of Red Bluff, California, to clear the investigation areas of discoverable underground utilities.

2.2 FIELD ACTIVITIES

REI retained a licensed C-57 drilling contractor, Environmental Control Associates (ECA) of Aptos, California, to advance the borings using truck-mounted direct-push equipment and handheld equipment, and to install apparatus for collecting the groundwater and soil vapor samples from September 19 through 21, 2022. Sample

containers were sealed, labeled, and recorded on chain-of-custody records that accompanied the samples from the point of collection to the laboratory. Ground Zone Environmental Services, on behalf of Stanford, was present during the Field Activities, and collected split groundwater and soil vapor samples. Boring logs with soil lithology and details for the temporary groundwater wells and soil vapor probes are presented in Appendix A.

2.2.1 Soil Sampling

Soil samples were collected from cores extracted during drilling using a hollow core barrel sampler containing a plastic liner that retained a relatively undisturbed soil core. The soil samples were transferred into appropriate laboratory-supplied containers that were placed in pre-chilled ice chests for delivery to the laboratory. Samples to be analyzed for VOCs were collected and preserved in accordance with United States Environmental Protection Agency (USEPA) Method 5035. Recovered soil cores were screened for indications of observable contamination and for the presence of volatile and ionizable compounds using a photoionization detector (PID). The PID records total ionizable compounds but cannot identify or quantify specific compounds. Each boring was logged for lithological content using the Unified Soil Classification System as a guide, and for relative moisture content, competency, and other observable characteristics (eg, color changes, staining, debris, odors).

2.2.2 Groundwater Sampling

Groundwater samples were collected through temporary polyvinyl chloride (PVC) casings inserted into the open boreholes. A water level meter was used to measure the depth to groundwater at the time of drilling. A peristaltic pump equipped with new disposable tubing was used to retrieve groundwater that was directly transferred into appropriate laboratory-supplied containers that were placed in pre-chilled ice chests for delivery to the laboratory.

2.2.3 Soil Vapor Sampling

Soil vapor samples were collected from temporary, nested soil vapor probes installed other media were sampled. The nested soil vapor probes were set at approximately depths of 5.5 feet bgs and 15.5 feet bgs. The probes were constructed with tubing, vapor filters, sand packs, caps, and seals in general conformance with guidance provided in a) *Draft Supplemental Guidance: Screening and Evaluating Vapor Intrusion,* dated February 2020, prepared by the DTSC and California Water Resources Control Boards (2020 Guidance); b) *Advisory – Active Soil Gas Investigations,* dated July 2015, California EPA Department of Toxic Substances Control, Los Angeles and San Francisco Regional Water Quality Control Board (DTSC, RWQCB 2015); and c) *Guidance for the Evaluation and Mitigation of Subsurface Gas Intrusion to Indoor Air, (Vapor Intrusion Guidance),* dated October 2011, Department of Toxic Substances Control and California Environmental Protection Agency (DTSC, 2011)..

The probes were allowed to equilibrate for at least two hours prior to sampling. Batch-certified clean vapor sampling equipment was provided by the laboratory. Isopropyl alcohol (IPA or isopropanol or 2-propanol) was used as a leak check compound at each location to confirm sampling vapor manifolds were secure and there was no obvious leakage. In addition, line purging was performed at each location to remove ambient air. After purging, soil vapor samples were collected at a flow rate of approximately 200 cubic centimeters per minute using 1.0-Liter Summa canisters provided by the laboratory. The vacuum gauge was recorded at the start and end of sampling to confirm sample collection. Soil vapor field sampling data sheets are provided in Appendix B.

2.2.1 Licensed Survey

A state-licensed land surveyor, Virgil Chavez Land Surveying of Vallejo, California, surveyed the location and elevation of each boring on September 21, 2022. The survey included the boring-adjacent ground surface elevations. The elevation data was surveyed to an accuracy of 0.01 foot. The northing and easting coordinates

were surveyed to an accuracy of 0.01 foot and referenced to a recognized survey well monument. The survey report is presented in Appendix C.

2.2.2 Decontamination, Abandonment, and Investigation Derived Waste

Drilling and sampling equipment were cleaned prior to and after drilling each boring, or new disposable equipment was used and discarded following use. The sampling core barrel was cleaned between sample intervals using a triple rinse method: an initial rinse with an Alconox and water solution, a tap water rinse (second rinse), and another tap water rinse (final rinse).

Following sample collection, each boring was backfilled with a neat cement grout to existing grade and finished with a concrete patch where applicable.

Investigation derived waste (IDW), such as soil cuttings, was placed into a 55-gallon metal drum pending characterization for disposal. The drum was sealed, labeled with identifying information, and temporarily stored outdoors on-Site at a location designated by the Site property managers. The data was provided to a licensed waste hauler, Integrated Wastestream Management, Inc., who disposed of the IDW as non-hazardous waste. IDW disposal documentation is presented in Appendix D.

2.3 LABORATORY ANALYSES

A total of 25 discrete shallow soil samples, 3 four-point composite deeper soil samples, 4 grab-groundwater samples, 18 soil vapor samples, and 1 field-composited IDW soil sample were submitted to the following state-certified laboratories: Enthalpy Analytical of Berkely California, Torrent Laboratory of Milpitas, California (who composited 12 discrete deeper soil samples into the 3 four-point composites), and Micro Analytical Laboratories, Inc. of Emeryville, California. The investigation samples were analyzed for the following:

Discrete Soil Samples

- Volatile Organic Compounds (VOCs) and Total Petroleum Hydrocarbons (TPHs) as gasoline (TPH-g) by USEPA Method 8260 with collection, preservation, and analysis using preparation USEPA Method 5035
- TPHs as diesel range organics (DRO) and oil range organics (ORO) by USEPA Method 8015M
- Polynuclear Aromatic Hydrocarbons (PAHs) or Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270 Selected Ion Monitoring (SIM)
- Organochlorine Pesticides (OCPs) by USEPA Method 8081
- Polychlorinated Biphenyls (PCBs) by USEPA Method 8082
- California Assessment Manual (CAM) 17 metals (Metals) by USEPA Methods 6010/7471A series
- Asbestos by California Air Resources Board (CARB) 435 0.25% Asbestos point count, 400 points)

Composite Soil Samples A, B and C (laboratory composited)

- VOCs and TPH-g by USEPA Methods 8260 extended list VOCs, with collection, preservation, and analysis using USEPA preparation Method 5035
- TPHs quantified as TPH-d/DRO and TPH-o/ORO by USEPA Method 8015M
- PAHs by USEPA Method 8270C with selective ion monitoring (SIM) extended list PAHs for low detection limits
- Semi-Volatile Organic Compounds (SVOCs), full list, by USEPA Method 8270C/8270C SIM for low detection limits

- OCPs by USEPA Method 8081A with low detection limits
- PCBs by USEPA Method 8082 (dry weight)
- Moisture Content by ASTM D2216
- CAM 17 metals (Metals) by USEPA Methods 200.8/6020/7470/7471 series
- Asbestos by PLM CARB 435, 400 points

Groundwater and Soil Vapor Samples

- VOCs by USEPA Methods 8260B (groundwater) and TO-15 (soil vapor)

REI compared the initial analytical results to certain established federal and state hazardous waste toxicity criteria; namely, the state Total Threshold Limit Concentration (TTLC), the state Soluble Threshold Limit Concentration (STLC), and the federal Toxicity Characteristic Leaching Procedure (TCLP). The results are directly comparable to the TTLC, and indirectly comparable to the STLC and TCLP via a calculation whereby further testing is warranted when detected concentrations exceed 10 and 20 times the STLC and TCLP numeric levels, respectively, without regard to concentration units – this indirect comparison is deemed Hazardous Waste Screening Criteria. Samples where the initial analytical results exceeded the Hazardous Waste Screening Criteria were further analyzed using one or both of the following protocols:

- TCLP by USEPA Method 6010B via Preparation Method 1311
- STLC by USEPA Method 6010B via Preparation Method Waste Extraction Test (WET)

REI reviewed the analytical laboratory data to ensure validity and completeness. REI verified that holding times for each analytical method were achieved and that the laboratory achieved the specific data quality objectives for each selected analytical method. The leak check compound, IPA, was detected in 2 of the 18 of the vapor samples at relatively low concentrations that did not alter laboratory reporting limits suggesting no significant ambient air leaks occurred; detection of the leak check compound is common and can be a result of infiltration through compromised concrete floors and ground surfaces and is not necessarily a result of equipment leaks. Based on that review, the data are considered valid and complete. The laboratory analytical reports are provided in Appendix E.

3.0 FINDINGS

3.1 SOIL AND GROUNDWATER OBSERVATIONS

REI observed no obvious indications potential soil contamination (eg, staining, unusual odors, sheen, debris) or groundwater contamination (eg, separate phase hydrocarbons / free product, hydrocarbon sheen, unusual odor). However, up to 4.5 feet of apparent fill material generally consisting of silty sands was observed throughout the Site. Underlying the fill were apparent native soils comprising interbedded layers of silty or sandy clay and silty sand to the maximum depths explored. In borings B1 through B4, saturated soil generally appeared within underlying sand layers encountered at depths around 31 feet bgs (except in boring B3 where no underlying sand layer was encountered). Groundwater depth measurements at time of drilling in B1 through B4 ranged from about 21.7 to 24.8 feet bgs. Groundwater flow direction was not calculatable because permanent wells were not installed, but flow towards the northeast is expected on topographic downward slope; this appears confirmed based on data reported for the northeastern adjoining property where groundwater flow towards the northeast, according to Stellar Environmental Solutions' April 2013 *Soil, Soil-gas, and Groundwater Site Investigation Report, Proposed Mixed Use Development, 3159 El Camino Real, Palo Alto California*.

3.2 ANALYTICAL RESULTS

REI compared the analytical results to the following selected screening criteria for the various sampled media to help provide a framework for future decision-making. The selected screening criteria are neither exhaustive of all published criteria nor necessarily cleanup standards, but rather an array of potentially relevant criteria.

- Environmental Screening Levels (ESLs) – Tier 1, Residential (Res), Commercial / Industrial (C/I), and Construction Worker (CW) – promulgated by the San Francisco Bay Regional Water Quality Control Board (RWQCB) June 2019, Rev. 2
- Maximum Contaminant Levels (MCLs) included among the above-cited RWQCB ESLs
- Hazardous Waste Criteria: TTLC and STLC per 22 CCR 66261.24; and TCLP per 40 CFR 261.24

3.2.1 Soil

3.2.1.1. TPHs and VOCs

As shown in Table 1, no TPH-g or VOCs were detected in either the shallow or the deeper, composited samples. In the shallow soil, DRO (from 3.54 to 630 milligrams per kilogram (mg/kg)) and ORO (from 20 to 940 mg/kg) were detected in up to 16 of the 25 samples. None of the selected screening criteria was exceeded, except in 1 of those samples, (B20-1.0') where DRO at 630 mg/kg exceeded the Res ESL of 260 mg/kg but not the CW or the C/I ESLs; there are no established hazardous waste criteria for ORO or DRO.

In the deeper soil composited samples, only DRO was detected in 2 of the 3 samples at concentrations about two orders of magnitude below the Res ESL.

3.2.1.2. PAHs / SVOCs

As shown in Table 2, various PAHs were detected in 9 of the 25 shallow soil samples, and Res ESLs were exceeded in 6 samples (B1-1.5', B4-2.0', B5-0.5', B6-2.0', B22-1.0', and SV 5-1.0') and the C/I ESL was exceeded in 1 sample (B1-1.5' with 3,300 micrograms per kilogram (µg/kg) of benzo(a)pyrene exceeded the 2,100 µg/kg C/I ESL but not the CW ESL). There are no established hazardous waste criteria for PAHs/SVOCs.

In the deeper soil composited samples, various PAHs / SVOCs were detected at low, largely estimated concentrations orders of magnitude below the selected screening criteria.

3.2.1.3. OCPs and PCBs

As shown on Table 3, no OCPs or PCBs were detected in either the shallow or the deeper, composited samples, except two OCPs were detected below the selected screening criteria in 2 shallow samples.

3.2.1.4. Asbestos

As show on Table 4, no asbestos was detected in either the shallow or the deeper, composited samples, except 1 shallow sample (B18-1.0') had 0.250% chrysotile asbestos observed but the laboratory indicated that asbestos in this sample is below the detection limit of the method because no points were countable.

3.2.1.5. Metals

As shown on Table 5, various Metals were detected in each of the shallow and the deeper, composited soil samples. No selected screening criteria were exceeded, except:

- Arsenic from 17 to 130 mg/kg in 5 of the 25 shallow samples exceeded the 11 mg/kg Tier 1 ESL, C/I ESL and CW ESL, established as the regional background concentration. Concentrations, including solubility analysis of 3 samples, were below hazardous waste criteria. In the 3 deeper, composited samples, no ESLs or hazardous waste criteria were exceeded.

- Chromium concentrations in 21 of the shallow samples and in Comp A of the deeper, composited samples did not exceed hazardous waste criteria after solubility analysis, and were below ESLs.
- Cobalt from 24 to 27 mg/kg in 10 of the 25 shallow samples exceeded the Res ESL of 23 mg/kg, but not the CW or C/I ESLs or the hazardous waste criteria. In the 3 deeper, composited samples, no cobalt exceedances were detected.
- Lead concentrations in 2 of the shallow samples did not exceed hazardous waste criteria after solubility analysis. In the 3 deeper, composited samples, no lead exceedances were detected.
- Mercury concentrations in 1 of the shallow samples did not exceed hazardous waste criteria after solubility analysis. In the 3 deeper, composited samples, no mercury was detected.
- Nickel from 87 to 130 mg/kg in 10 of the 25 shallow samples and at 137 mg/kg in Comp A of the 3 deeper, composited samples exceeded the CW ESL of 86 mg/kg, but not the Res or C/I ESLs or the hazardous waste criteria.
- Thallium at 3.3 mg/kg in 1 of the 25 shallow samples exceeded the Res ESL of 0.78 mg/kg, but not the CW or C/I ESLs or the hazardous waste criteria. In the 3 deeper, composited samples, no thallium was detected.

3.2.2 Groundwater

As shown on Table 6, two VOCs (Trichloroethene (TCE) and c-1,2-Dichloroethene (cDCE)) were detected. No concentrations exceeded the selected screening criteria except TCE exceeded the Tier 1 ESL of 1.2 micrograms per liter (µg/L) in all 4 samples, the MCL of 5.0 µg/L in 3 of the 4 samples, and the C/I ESL of 7.5 µg/L in 1 of the samples.

3.2.3 Soil Vapor

As shown on Table 7, various VOCs were detected, and none exceeded the selected screening criteria except:

- TCE at the 15-foot depth in 6 locations at concentrations from 18 to 650 micrograms per cubic meter (µg/m^3) exceeded the 16 µg/m^3 Tier 1 ESL, and in 2 samples, the 100 µg/m^3 C/I ESL.
- PCE at both the 5- and 15-foot depths in 2 locations and at the 15-foot depth in 1 location at concentrations from 71 to 130 µg/m^3 exceeds both the 15 µg/m^3 Tier 1 ESL and the 67 µg/m^3 C/I ESL in those 5 samples.
- Benzene at all 9 locations (and in all but 2 of the 18 samples) at concentrations from 4.4 to 100 µg/m^3 exceeded the 3.2 µg/m^3 Tier 1 ESL in 7 samples and the 14 µg/m^3 C/I ESL in 9 samples.
- Ethylbenzene at the 5-foot depth in 1 sample at a concentration of 41 µg/m^3 exceeded the 37 µg/m^3 Tier 1 ESL, but not the C/I ESL.
- Chloroform at both the 5- and 15-foot depths in 2 locations and at the 5-foot depth in 1 location at concentrations from 5.0 to 11 µg/m^3 exceeded the 4.1 µg/m^3 Tier 1 ESL, but not the C/I ESL.

4.0 CONCLUSIONS

From the findings of this limited investigation, REI draws the following conclusions:

- The fill material and possibly the upper portion of the apparent deeper native material showed exceedances of ESLs for TPHs, PAHs, and Metals. None of these soil samples exceeded the selected hazardous waste criteria and this suggests that the soil could be submitted to landfills for approval as non-hazardous waste at a Class II landfill. Note: Decisions regarding waste acceptance are governed by each Class II landfill facility based on their specific criteria and further testing may be required.

- The screening composite soil samples from 15 and 25 feet bgs show no significant concentrations of contaminants which suggests that this apparent native material may be clean enough to be accepted at other off-Site facilities, such as reclamation and redevelopment projects. Note: Decisions regarding waste acceptance are governed by each receiving facility or project area and we expected further testing as required by the specific reclamation project would be needed.
- The presence of various TPHs, PAHs, and Metals above ESLs, including the Metals arsenic and nickel about the CW ELSs, along with the presence of TCE in groundwater above ESLs and the MCL indicates the need for a Site Management Plan (SMP) to help notify and guide Site workers and contractors with respect to soil and groundwater handling and disposal as well as health and safety protocols.
- The presence of elevated TCE in groundwater in conjunction with the elevated TCE in soil vapor at the deeper 15-foot depth as well as the other elevated VOCs in soil vapor (ie, PCE, Benzene, Ethylbenzene, and Chloroform) indicates the need for a Vapor Management Plan (VMP) tailored for the planned Site redevelopment that would help protect future occupants from potential vapor intrusion risk.
- The totality of the data collected during this limited investigation did not demonstrate the presence of an on-Site source of the detected VOCs.

5.0 REPRESENTATIONS AND LIMITATIONS

This Report is based upon the Site conditions known by REI at the time of REI's field activities, and current laws, policies, and regulations. The information and opinions rendered in this Report are exclusively for use by Acclaim Companies. No other party shall rely on the information or opinions presented in this Report. REI will not distribute or publish this report without consent except as required by law or court order. The information and opinions expressed in this Report are given in response to a limited assignment with a scope of work and should be considered and implemented only in light of that assignment. The services provided by REI in completing this project were consistent with normal standards of the profession. No other warranty, expressed or implied, is made.

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TABLES

Table 1
Soil Data Summary - TPHs and VOCs
Palo Alto, California
REI Project Number 22-0013.01

		Analytes	TPH-g (C6-C10)	DRO (C10-C28)	ORO (C28-C44)	VOCs
Environmental Screening Levels (ESLs)		Res ESL	430	260	12,000	var
		C/I ESL	2,000	1,200	180,000	var
		CW ESL	1,800	1,100	54,000	var
Hazardous Waste Screening Criteria		STLC Screening	ne	ne	ne	var
		TCLP Screening	ne	ne	ne	var
Hazardous Waste Criteria		TTLC	ne	ne	ne	var
		STLC	ne	ne	ne	var
		TCLP	ne	ne	ne	var
Sample Identification, Depth, and Date	B1-1.5'	2022-Sep-20	<2.2	**100**	**200**	nd
	B2-2.0'	2022-Sep-19	<2.5	<10	<20	nd
	B3-1.5'	2022-Sep-20	<2.0	<9.9	<20	nd
	B4-2.0'	2022-Sep-20	<2.4	**77**	**230**	nd
	B5-0.5'	2022-Sep-19	<2.6	**31**	**46**	nd
	B6-2.0'	2022-Sep-19	<2.6	**50**	**62**	nd
	B7-1.5'	2022-Sep-19	<2.2	<9.9	<20	nd
	B8-1.0'	2022-Sep-19	<2.1	<10	<20	nd
	B9-3.5'	2022-Sep-19	<2.2	<9.9	**29**	nd
	B10-3.0'	2022-Sep-19	<2.2	<10	<20	nd
	B11-1.0'	2022-Sep-19	<2.0	<9.9	**20**	nd
	B12-4.0'	2022-Sep-19	<2.1	<10	**29**	nd
	B13-3.0'	2022-Sep-19	<2.0	**55**	**160**	nd
	B14-4.0'	2022-Sep-19	<2.2	<10	<20	nd
	B15-1.5'	2022-Sep-20	<2.2	<9.9	<20	nd
	B16-1.0'	2022-Sep-20	<2.1	**38**	**100**	nd
	B17-1.0'	2022-Sep-19	<2.3	<10	<20	nd
	B18-1.0'	2022-Sep-20	<2.3	<9.9	<20	nd
	B19-1.0'	2022-Sep-20	<2.2	<9.9	**37**	nd
	B20-1.0'	2022-Sep-19	<2.2	**630**	**940**	nd
	B21-1.5'	2022-Sep-19	<2.5	**17**	**76**	nd
	B22-1.0'	2022-Sep-19	<1.9	**44**	**180**	nd
	B23-2.5'	2022-Sep-19	<2.1	**11**	**57**	nd
	SV-5-1.0'	2022-Sep-20	<2.2	**25**	**35**	nd
	SV7-1.5'	2022-Sep-20	<2.1	**210**	**570**	nd
	Composite A	2022-Sep-19	<0.052	**3.54**	<3.8	nd
	Composite B	2022-Sep-19	<0.052	<1.0	<3.8	nd
	Composite C	2022-Sep-19	<0.054	**5.40**	<4.0	nd

Notes:
Sample depth in feet below ground surface (bgs)
Samples analyzed for Total Petroleum Hydrocarbons (TPHs) quantified as gasoline (TPHg), as diesel range organics (DRO), and as oil range organics (ORO), and for Volatile Organic Compounds (VOCs) by USEPA Methods 8015M (DRO and ORO), 8015B with 5035 Prep (TPH-g), and 8260B with 5035 Prep (VOCs)
Units = milligrams per kilogram (mg/kg)
<# = analyte not detected above laboratory reporting limit
ESLs = Residential (Res), and Commercial / Industrial (C/I), and Consturction Worker (CW), lower of Cancer Risk and Non-cancer Hazard per San Francisco Bay RWQCB 2019 Rev 2
Hazardous Waste Screening Criteria: STLC Screening = Soluble Threshold Limit Concentration as 10 times the STLC in µg/kg; TCLP Screening = Toxicity Characteristic Leaching Procedure as 20 times the TCLP in µg/kg
Hazardous Waste Criteria: TTLC (Total Threshold Limit Concentration) and STLC = state waste criteria under Title 22; TCLP = federal waste criteria under the Resource Conservation and Recovery Act (RCRA)
ne = no established ESLs or Hazardous Waste Criteria
Bold = analyte detected above the laboratory reporting limit
Blue Highlight = analyte exceeds Res ESL

Table 2
Soil Data Summary - PAHs / SVOCs
Palo Alto, California
REI Project Number 22-0013.01

	Analytes	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)-anthracene	Chrysene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Benzo(a)-pyrene	Indeno(1,2,3-cd)-pyrene	Dibenz(a,h)-anthracene	Benzo(g,h,i)-perylene	2-Methyl phenanthrene	Benzo(e) pyrene	Biphenyl	2-Nitrophenol	Benzyl butyl phthalate	Bis(2-ethylhexyl) phthalate	Phenol
Environmental Screening Levels (ESLs)	Res ESL	ne	240k	3,800	ne	3.6M	2.4M	ne	18M	2.4M	1.8M	1,100	110k	1,100	11,000	110	1,100	110	ne	ne	ne	47k	ne	ne	39k	23M
	C/I ESL	ne	3M	17,000	ne	45M	30M	ne	230M	30M	23M	20,000	2.1M	21,000	210k	2,100	21,000	2,100	ne	ne	ne	200k	ne	ne	160k	350M
	CW ESL	ne	670k	400k	ne	10M	6.7M	ne	50M	6.7M	5M	110k	9.1M	110k	910k	10,000	110k	11,000	ne	ne	ne	180k	ne	ne	950k	98M
Hazardous Waste Screening Criteria	STLC Screening	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne
	TCLP Screening	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne
Hazardous Waste Criteria	TTLC	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne
	STLC	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne
	TCLP	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne
Sample Identification, Depth, and Date	B1-1.5'	2022-Sep-20	<200	**240**	**600**	**470**	<200	<200	**1,000**	<200	**1,700**	**3,700**	**1,700**	**2,300**	**1,900**	**2,100**	**3,300**	**2,200**	**500**	**2,700**	--	--	--	--	--	--	--
	B2-2.0'	2022-Sep-19	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	--	--	--	--
	B3-1.5'	2022-Sep-20	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	--	--	--	--	--	--	--
	B4-2.0'	2022-Sep-20	<100	<100	<100	<100	<100	<100	**710**	<100	**720**	**620**	**200**	**290**	**200**	**210**	**210**	**150**	<100	**130**	--	--	--	--	--	--	--
	B5-0.5'	2022-Sep-19	**24**	**62**	**130**	**170**	<10	**32**	**300**	**65**	**460**	**1,000**	**410**	**590**	**490**	**510**	**770**	**540**	**110**	**640**	--	--	--	--	--	--	--
	B6-2.0'	2022-Sep-19	**19**	**61**	**150**	**200**	<10	**37**	**320**	**67**	**540**	**1,200**	**510**	**780**	**640**	**700**	**1,000**	**740**	**140**	**900**	--	--	--	--	--	--	--
	B7-1.5'	2022-Sep-19	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	--	--	--	--
	B8-1.0'	2022-Sep-19	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	--	--	--	--
	B9-3.5'	2022-Sep-19	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	--	--	--	--
	B10-3.0'	2022-Sep-19	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	--	--	--	--	--	--	--
	B11-1.0'	2022-Sep-19	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	--	--	--	--	--	--	--
	B12-4.0'	2022-Sep-19	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	--	--	--	--	--	--	--
	B13-3.0'	2022-Sep-19	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	--	--	--	--	--	--	--
	B14-4.0'	2022-Sep-19	<10	<10	**24**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	--	--	--	--
	B15-1.5'	2022-Sep-20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	--	--	--	--
	B16-1.0'	2022-Sep-20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	--	--	--	--
	B17-1.0'	2022-Sep-19	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	--	--	--	--
	B18-1.0'	2022-Sep-20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	--	--	--	--
	B19-1.0'	2022-Sep-20	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	--	--	--	--	--	--	--
	B20-1.0'	2022-Sep-19	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	--	--	--	--	--	--	--
	B21-1.5'	2022-Sep-19	<10	<10	<10	<10	<10	<10	**72**	<10	**77**	**69**	**25**	**35**	**26**	**28**	**31**	**23**	<10	**21**	--	--	--	--	--	--	--
	B22-1.0'	2022-Sep-19	<40	<40	<40	<40	<40	<40	**110**	<40	**370**	**360**	**190**	**270**	**260**	**260**	**280**	**240**	<40	**190**	--	--	--	--	--	--	--
	B23-2.5'	2022-Sep-19	<10	<10	<10	<10	<10	<10	**15**	<10	**21**	**19**	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	--	--	--	--
	SV-5-1.0'	2022-Sep-20	**13**	**35**	**82**	**78**	<9.9	**17**	**220**	**29**	**320**	**650**	**290**	**430**	**370**	**360**	**530**	**360**	**80**	**430**	--	--	--	--	--	--	--
	SV7-1.5'	2022-Sep-20	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	--	--	--	--	--	--	--

Table 2
Soil Data Summary - PAHs / SVOCs
Palo Alto, California
REI Project Number 22-0013.01

		Analytes	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)-anthracene	Chrysene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Benzo(a)-pyrene	Indeno(1,2,3-cd)-pyrene	Dibenz(a,h)-anthracene	Benzo(g,h,i)-perylene	2-Methyl phenanthrene	Benzo(e) pyrene	Biphenyl	2-Nitrophenol	Benzyl butyl phthalate	Bis(2-ethylhexyl) phthalate	Phenol
Environmental Screening Levels (ESLs)		Res ESL	ne	240k	3,800	ne	3.6M	2.4M	ne	18M	2.4M	1.8M	1,100	110k	1,100	11,000	110	1,100	110	ne	ne	ne	47k	ne	ne	39k	23M
		C/I ESL	ne	3M	17,000	ne	45M	30M	ne	230M	30M	23M	20,000	2.1M	21,000	210k	2,100	21,000	2,100	ne	ne	ne	200k	ne	ne	160k	350M
		CW ESL	ne	670k	400k	ne	10M	6.7M	ne	50M	6.7M	5M	110k	9.1M	110k	910k	10,000	110k	11,000	ne	ne	ne	180k	ne	ne	950k	98M
Hazardous Waste Screening Criteria		STLC Screening	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne
		TCLP Screening	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne
Hazardous Waste Criteria		TTLC	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne
		STLC	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne
		TCLP	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne
Sample Identification, Depth, and Date	Composite A	2022-Sep-19	**0.482 J**	**0.702 J**	**2.18 J**	<0.223	<0.194	<0.323	**3.76 J**	<0.637	**0.731 J**	**0.825 J**	**1.18 J**	**1.20 J**	**1.42 J**	**0.339 J**	**0.354 J**	**0.339 J**	<0.330	**0.463 J**	**1.17 J**	**0.732 J**	**1.90 J**	**3.77 J**	**1.67 J**	**32.4 J**	<0.95
	Composite B	2022-Sep-19	<0.221	<0.269	**1.24 J**	<0.223	<0.194	**0.334 J**	<0.711	<0.637	<0.638	<0.658	**0.899 J**	<0.590	<0.292	<0.270	<0.341	<0.264	<0.330	<0.322	<0.864	<0.605	**0.668 J**	<0.52	**1.95 J**	**32.3 J**	**7.07**
	Composite C	2022-Sep-19	**0.339 J**	**0.302 J**	<0.641	<0.232	<0.202	<0.336	**0.766 J**	<0.663	<0.664	<0.686	**0.996 J**	<0.614	**0.374 J**	<0.282	<0.355	<0.272	<0.343	**0.574 J**	<0.900	<0.630	**0.931 J**	<0.54	--	**28.0**	**19.5**

Notes:
Sample depth in approximate feet below ground surface (bgs)
Samples analyzed for Polyaromatic Hydrocarbons (PAHs) / Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270C-SIM
Units = micrograms per kilogram (µg/kg) except micrograms per liter (µg/L) for STLC and TCLP Hazardous Waste Criteria
-- = analyte not analyzed
<# = analyte not detected above laboratory reporting limit
J = estimated concentration
ESLs = Residential (Res), Commercial / Industrial (C/I), and Consturction Worker (CW), lower of Cancer Risk and Non-cancer Hazard per San Francisco Bay RWQCB 2019 Rev 2
Hazardous Waste Screening Criteria: STLC Screening = Soluble Threshold Limit Concentration as 10 times the STLC in µg/kg; TCLP Screening = Toxicity Characteristic Leaching Procedure as 20 times the TCLP in µg/kg
Hazardous Waste Criteria: TTLC (Total Threshold Limit Concentration) and STLC = state waste criteria under Title 22; TCLP = federal waste criteria under the Resource Conservation and Recovery Act (RCRA)
ne = no established ESLs or Hazardous Waste Criteria
Bold = analyte detected above the laboratory reporting limit
Blue Highlight = analyte exceeds Res ESL
Orange Highlight = analyte exceeds either C/I ESL or CW ESL

Table 3
Soil Data Summary - OCPs and PCBs
Palo Alto, California
REI Project Number 22-0013.01

		Analytes	Endrin Ketone	Chlordane (Technical)	Other OCPs	PCBs
Environmental Screening Levels (ESLs)		Res ESL	21,000	480	var	var
		C/I ESL	290,000	2,200	var	var
		CW ESL	74,000	14,000	var	var
Hazardous Waste Screening Criteria		STLC Screening	200	2,500	var	var
		TCLP Screening	400	600	var	var
Hazardous Waste Criteria		TTLC	200	2,500	var	var
		STLC	20	250	var	var
		TCLP	20	30	var	var
Sample Identification, Depth, and Date	B1-1.5'	2022-Sep-20	**12**	<50	nd	nd
	B2-2.0'	2022-Sep-19	<5.0	<50	nd	nd
	B3-1.5'	2022-Sep-20	<5.0	<50	nd	nd
	B4-2.0'	2022-Sep-20	<5.0	<50	nd	nd
	B5-0.5'	2022-Sep-19	<5.0	<50	nd	nd
	B6-2.0'	2022-Sep-19	<5.0	<50	nd	nd
	B7-1.5'	2022-Sep-19	<5.0	<50	nd	nd
	B8-1.0'	2022-Sep-19	<5.0	<50	nd	nd
	B9-3.5'	2022-Sep-19	<4.9	<49	nd	nd
	B10-3.0'	2022-Sep-19	<5.0	<50	nd	nd
	B11-1.0'	2022-Sep-19	<5.0	<50	nd	nd
	B12-4.0'	2022-Sep-19	<5.0	<50	nd	nd
	B13-3.0'	2022-Sep-19	<5.0	<50	nd	nd
	B14-4.0'	2022-Sep-19	<5.0	<50	nd	nd
	B15-1.5'	2022-Sep-20	<5.0	**240**	nd	nd
	B16-1.0'	2022-Sep-20	<5.0	<50	nd	nd
	B17-1.0'	2022-Sep-19	<5.0	<50	nd	nd
	B18-1.0'	2022-Sep-20	<5.0	<50	nd	nd
	B19-1.0'	2022-Sep-20	<4.9	<49	nd	nd
	B20-1.0'	2022-Sep-19	<4.9	<49	nd	nd
	B21-1.5'	2022-Sep-19	<5.0	<50	nd	nd
	B22-1.0'	2022-Sep-19	<5.0	<50	nd	nd
	B23-2.5'	2022-Sep-19	<5.0	<50	nd	nd
	SV-5-1.0'	2022-Sep-20	<5.0	<50	nd	nd
	SV7-1.5'	2022-Sep-20	<4.9	<49	nd	nd
	Composite A	2022-Sep-19	<0.11	<2.5	nd	nd
	Composite B	2022-Sep-19	<0.11	<2.5	nd	nd
	Composite C	2022-Sep-19	<0.12	<2.6	nd	nd

Notes:

Sample depth in approximate feet below ground surface (bgs)

Samples analyzed for Organochlorine Pesticides (OCPs) by USEPA Method 8081A, and for
Polychlorinated Biphenyls (PCBs) by USEPA Method 8082

Units = micrograms per kilogram (µg/kg) except micrograms per liter (µg/L) for STLC and TCLP Hazardous Waste Criteria

nd or <# = analyte not detected above laboratory reporting limit

var = various

ESLs = Residential (Res) Commercial / Industrial (C/I) and Consturction Worker (CW),
lower of Cancer Risk and Non-cancer Hazard per San Francisco Bay RWQCB 2019 Rev 2

Hazardous Waste Screening Criteria: STLC Screening = Soluble Threshold Limit Concentration as 10 times the STLC in µg/kg;
TCLP Screening = Toxicity Characteristic Leaching Procedure as 20 times the TCLP in µg/kg

Hazardous Waste Criteria: TTLC (Total Threshold Limit Concentration) and STLC = state waste criteria under Title 22;
TCLP = federal waste criteria under the Resource Conservation and Recovery Act (RCRA)

ne = no established ESLs or Hazardous Waste Criteria

Bold = analyte detected above the laboratory reporting limit

Table 4
Soil Data Summary - Asbestos
Palo Alto, California
REI Project Number 22-0013.01

		Analytes	Asbestos
Environmental Screening Levels (ESLs)		Res ESL	ne
		C/I ESL	ne
		CW ESL	ne
Hazardous Waste Screening Criteria		STLC Screening	ne
		TCLP Screening	ne
Hazardous Waste Criteria		TTLC	1%
		STLC	var
		TCLP	var
Sample Identification, Depth, and Date	B1-1.5'	2022-Sep-20	<0.250
	B2-2.0'	2022-Sep-19	<0.250
	B3-1.5'	2022-Sep-20	<0.250
	B4-2.0'	2022-Sep-20	<0.250
	B5-0.5'	2022-Sep-19	<0.250
	B6-2.0'	2022-Sep-19	<0.250
	B7-1.5'	2022-Sep-19	<0.250
	B8-1.0'	2022-Sep-19	<0.250
	B9-3.5'	2022-Sep-19	<0.250
	B10-3.0'	2022-Sep-19	<0.250
	B11-1.0'	2022-Sep-19	<0.250
	B12-4.0'	2022-Sep-19	<0.250
	B13-3.0'	2022-Sep-19	<0.250
	B14-4.0'	2022-Sep-19	<0.250
	B15-1.5'	2022-Sep-20	<0.250
	B16-1.0'	2022-Sep-20	<0.250
	B17-1.0'	2022-Sep-19	<0.250
	B18-1.0'	2022-Sep-20	**0.250 (Chrysotile asbestos was observed during scanning but no points were countable (asbestos is below the detection limit of the method)**
	B19-1.0'	2022-Sep-20	<0.250
	B20-1.0'	2022-Sep-19	<0.250
	B21-1.5'	2022-Sep-19	<0.250
	B22-1.0'	2022-Sep-19	<0.250
	B23-2.5'	2022-Sep-19	<0.250
	SV-5-1.0'	2022-Sep-20	<0.250
	SV7-1.5'	2022-Sep-20	<0.250
	Composite A	2022-Sep-19	<0.250
	Composite B	2022-Sep-19	<0.250
	Composite C	2022-Sep-19	<0.250

Notes:
Sample depth in approximate feet below ground surface (bgs)
Samples analyzed by California Air Resources Board (CARB) 435 Method
Units = milligrams per kilogram (mg/kg)
<# = analyte not detected above laboratory reporting limit
Bold = concentration detected above the laboratory reporting limit
ESLs = Residential (Res), and Commercial / Industrial (C/I), and Consturction Worker (CW),
lower of Cancer Risk and Non-cancer Hazard per San Francisco Bay RWQCB 2019 Rev 2
Hazardous Waste Screening Criteria: STLC Screening = Soluble Threshold Limit Concentration as 10 times the STLC in µg/kg;
TCLP Screening = Toxicity Characteristic Leaching Procedure as 20 times the TCLP in µg/kg
Hazardous Waste Criteria: TTLC (Total Threshold Limit Concentration) and STLC = state waste criteria under Title 22;
TCLP = federal waste criteria under the Resource Conservation and Recovery Act (RCRA)
ne = no established ESLs or Hazardous Waste Criteria

Table 5
Soil Data Summary - Metals
Palo Alto, California
REI Project Number 22-0013.01

		Analytes	Sb	As	Ba	Be	Cd	Cr*	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn
Environmental Screening Levels (ESLs)		Res ESL	11.0	11†	15k	16.0	78.0	120k	23	3.1k	80	13	390	820	390	390	0.78	390	2.3k
		C/I ESL	160	11†	220k	230	1,100	1.8M	350	47k	320	190	5,800	11k	5,800	5,800	12	5,800	350k
		CW ESL	50	11†	3,000	27	110	530k	28	14k	160	44	1,800	86	1,700	1,800	3.5	470	110k
Hazardous Waste Screening Criteria		STLC Screening	150	50	1,000	7.5	10	50	800	250	50	2.0	3,500	200	10	50	70	240	2,500
		TCLP Screening	ne	100	2,000	ne	20	100	ne	ne	100	4.0	ne	ne	20	100	ne	ne	ne
Hazardous Waste Criteria		TTLC	500	500	10k	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
		STLC	15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250
		TCLP	ne	5	100	ne	1	5	ne	ne	5	0.2	ne	ne	1	5	ne	ne	ne
Sample Identification, Depth, and Date	B1-1.5'	2022-Sep-20	<2.9	**130**	**240**	<0.49	<0.49	**66**	**18**	**70**	**19**	**0.59**	<0.98	**82**	<2.9	<0.49	<2.9	**80**	**77**
	B1-1.5' (STLC)	2022-Sep-20	--	**1.7**	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B1-1.5' (TCLP)	2022-Sep-20	--	**0.21**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	B2-2.0'	2022-Sep-19	<2.9	<0.98	**62**	<0.49	<0.49	**110**	**23**	**68**	**5.6**	<0.16	<0.98	**87**	<2.9	<0.49	<2.9	**100**	**58**
	B2-2.0' (STLC)	2022-Sep-19	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B2-2.0' (TCLP)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B3-1.5'	2022-Sep-20	<2.9	**2.9**	**170**	<0.49	<0.49	**140**	**20**	**41**	**14**	<0.15	<0.98	**130**	<2.9	<0.49	<2.9	**81**	**60**
	B3-1.5' (STLC)	2022-Sep-20	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B3-1.5' (TCLP)	2022-Sep-20	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B4-2.0'	2022-Sep-20	<2.9	**2.1**	**60**	<0.49	<0.49	**85**	**25**	**75**	**22**	<0.15	<0.97	**67**	<2.9	<0.49	<2.9	**150**	**85**
	B4-2.0' (STLC)	2022-Sep-20	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B5-0.5'	2022-Sep-19	<3.0	**60**	**69**	<0.50	<0.50	**29**	**17**	**120**	**25**	**0.17**	<1.0	**51**	<3.0	<0.50	<3.0	**92**	**120**
	B5-0.5' (STLC)	2022-Sep-19	--	**0.085**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	B6-2.0'	2022-Sep-19	<2.9	**57**	**45**	<0.48	<0.48	**29**	**16**	**94**	**13**	**3.5**	<0.98	**69**	<2.9	<0.48	<2.9	**65**	**120**
	B6-2.0' (STLC)	2022-Sep-19	--	**0.17**	--	--	--	--	--	--	--	<0.010	--	--	--	--	--	--	--
	B7-1.5'	2022-Sep-19	<2.9	<0.95	**8.9**	<0.48	<0.48	**110**	**26**	**75**	**1.8**	<0.14	<1.1	**89**	<2.9	<0.48	<2.9	**110**	**54**
	B7-1.5' (STLC)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B7-1.5' (TCLP)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B8-1.0'	2022-Sep-19	<2.9	<0.98	**9.6**	<0.49	<0.49	**120**	**27**	**83**	**1.7**	<0.16	<0.96	**94**	<2.9	<0.49	<2.9	**120**	**57**
	B8-1.0' (STLC)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B8-1.0' (TCLP)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B9-3.5'	2022-Sep-19	<2.9	<0.98	**22**	<0.49	<0.49	**120**	**26**	**78**	**1.3**	<0.14	<0.96	**93**	<2.9	<0.49	<2.9	**120**	**56**
	B9-3.5' (STLC)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B9-3.5' (TCLP)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B10-3.0'	2022-Sep-19	<2.9	<0.98	**16**	<0.49	<0.49	**96**	**21**	**71**	**3.4**	<0.16	<1.1	**77**	<2.9	<0.49	<2.9	**97**	**48**
	B10-3.0' (STLC)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B11-1.0'	2022-Sep-19	<3.0	<1.0	**34**	<0.50	<0.50	**92**	**19**	**54**	**1.6**	<0.16	<1.1	**72**	<3.0	<0.50	<3.0	**86**	**40**
	B11-1.0' (STLC)	2022-Sep-19	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B12-4.0'	2022-Sep-19	<3.0	<0.99	**8.6**	<0.50	<0.50	**120**	**24**	**67**	**1.1**	<0.16	<0.99	**89**	<3.0	<0.50	<3.0	**110**	**48**
	B12-4.0' (STLC)	2022-Sep-19	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B12-4.0' (TCLP)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B13-3.0'	2022-Sep-19	<2.9	<0.96	**34**	<0.48	<0.48	**110**	**24**	**85**	**2.0**	<0.16	<0.96	**94**	<2.9	<0.48	<2.9	**110**	**54**
	B13-3.0' (STLC)	2022-Sep-19	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B13-3.0' (TCLP)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B14-4.0'	2022-Sep-19	<2.9	**5.5**	**180**	<0.49	<0.49	**28**	**7.1**	**30**	**8.6**	<0.16	<0.98	**23**	<2.9	<0.49	<2.9	**37**	**62**
	B15-1.5'	2022-Sep-20	<2.9	**1.9**	**170**	<0.49	<0.49	**100**	**22**	**46**	**16**	<0.17	<0.97	**110**	<2.9	<0.49	<2.9	**81**	**61**
	B15-1.5' (STLC)	2022-Sep-20	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B15-1.5' (TCLP)	2022-Sep-20	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B16-1.0'	2022-Sep-20	<2.9	**17**	**43**	<0.48	<0.48	**79**	**26**	**78**	**10**	<0.14	<0.95	**56**	<2.9	<0.48	**3.3**	**130**	**74**
	B16-1.0' (STLC)	2022-Sep-20	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--

Table 5
Soil Data Summary - Metals
Palo Alto, California
REI Project Number 22-0013.01

		Analytes	Sb	As	Ba	Be	Cd	Cr*	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn
Environmental Screening Levels (ESLs)		Res ESL	11.0	11†	15k	16.0	78.0	120k	23	3.1k	80	13	390	820	390	390	0.78	390	2.3k
		C/I ESL	160	11†	220k	230	1,100	1.8M	350	47k	320	190	5,800	11k	5,800	5,800	12	5,800	350k
		CW ESL	50	11†	3,000	27	110	530k	28	14k	160	44	1,800	86	1,700	1,800	3.5	470	110k
Hazardous Waste Screening Criteria		STLC Screening	150	50	1,000	7.5	10	50	800	250	50	2.0	3,500	200	10	50	70	240	2,500
		TCLP Screening	ne	100	2,000	ne	20	100	ne	ne	100	4.0	ne	ne	20	100	ne	ne	ne
Hazardous Waste Criteria		TTLC	500	500	10k	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
		STLC	15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250
		TCLP	ne	5	100	ne	1	5	ne	ne	5	0.2	ne	ne	1	5	ne	ne	ne
Sample Identification, Depth, and Date	B17-1.0'	2022-Sep-19	<2.9	**2.5**	**87**	<0.48	<0.48	**140**	**22**	**59**	**6.0**	<0.16	<0.96	**100**	<2.9	<0.48	<2.9	**100**	**60**
	B17-1.0' (STLC)	2022-Sep-19	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B17-1.0' (TCLP)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	B18-1.0'	2022-Sep-20	<2.9	**2.7**	**130**	<0.48	<0.48	**93**	**23**	**62**	**71**	<0.15	<0.96	**88**	<2.9	<0.48	<2.9	**100**	**91**
	B18-1.0' (STLC)	2022-Sep-20	--	--	--	--	--	<0.30	--	--	<0.15	--	--	--	--	--	--	--	--
	B19-1.0'	2022-Sep-20	<2.9	**3.4**	**140**	<0.49	<0.49	**58**	**11**	**30**	**57**	<0.15	<0.98	**44**	<2.9	<0.49	<2.9	**46**	**94**
	B19-1.0' (STLC)	2022-Sep-20	--	--	--	--	--	<0.30	--	--	**0.20**	--	--	--	--	--	--	--	--
	B20-1.0'	2022-Sep-19	<2.9	<0.97	**130**	<0.49	<0.49	**62**	**21**	**62**	**2.1**	<0.15	<0.97	**41**	<2.9	<0.49	<2.9	**120**	**59**
	B20-1.0' (STLC)	2022-Sep-19	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B21-1.5'	2022-Sep-19	<2.9	<0.99	**31**	<0.49	<0.49	**74**	**26**	**81**	**4.0**	<0.14	<0.98	**53**	<2.9	<0.49	<2.9	**150**	**72**
	B21-1.5' (STLC)	2022-Sep-19	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B22-1.0'	2022-Sep-19	<2.9	<0.95	**15**	<0.48	<0.48	**53**	**24**	**86**	**2.8**	<0.15	<0.95	**47**	<2.9	<0.48	<2.9	**97**	**59**
	B22-1.0' (STLC)	2022-Sep-19	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	B23-2.5'	2022-Sep-19	<2.9	<0.96	**23**	<0.48	<0.48	**69**	**25**	**71**	**2.9**	<0.15	<0.96	**48**	<2.9	<0.48	<2.9	**140**	**70**
	B23-2.5' (STLC)	2022-Sep-19	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	SV5-1.0'	2022-Sep-20	<2.9	**46**	**95**	<0.49	<0.49	**73**	**18**	**120**	**24**	**0.21**	**18**	**56**	<2.9	<0.49	<2.9	**98**	**110**
	SV5-1.0' (STLC)	2022-Sep-20	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	SV7-1.5'	2022-Sep-20	<2.9	<0.96	**410**	<0.48	<0.48	**38**	**16**	**44**	**3.9**	<0.14	<0.96	**37**	<2.9	<0.48	<2.9	**74**	**44**
	Composite A	2022-Sep-19	<0.14	**2.50**	**162**	**0.562**	**0.281**	**129**	**17.1**	**42.6**	**4.57**	<0.10	**0.429**	**137**	**1.24**	<0.12	<0.41	**79.3**	**59.0**
	Composite A (STLC)	2022-Sep-19	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--
	Composite A (TCLP)	2022-Sep-19	--	--	--	--	--	<0.030	--	--	--	--	--	--	--	--	--	--	--
	Composite B	2022-Sep-19	<0.14	**3.13**	**201**	**0.416**	**0.502**	**37.0**	**6.98**	**18.9**	**4.71**	<0.10	**0.814**	**38.9**	**0.991**	<0.12	<0.41	**33.6**	**44.5**
	Composite C	2022-Sep-20	**0.163**	**8.18**	**202**	**0.566**	**0.973**	**37.1**	**12.2**	**26.6**	**7.53**	<0.10	**1.89**	**53.6**	**1.74**	<0.12	<0.43	**45.9**	**66.9**

Notes:

Sample depth in approximate feet below ground surface (bgs)

Samples analyzed California Title 22 Metals by USEPA Methods 6010B and for Mercury 7471A: antimony (Sb), arsenic (As), barium (Ba), beryllium (Be), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), lead (Pb), mercury (Hg), molybdenum (Mo), nickel (Ni), selenium (Se), silver (Ag), thallium (Tl), vanadium (V), zinc (Zn)

Units = milligrams per kilogram (mg/kg) except milligrams per liter (mg/L) for STLC and TCLP results and Hazardous Waste Criteria

-- = analyte not analyzed

<# = analyte not detected above laboratory reporting limit

ESLs = Residential (Res ESL), Commercial / Industrial (C/I ESL) and Consturction Worker (CW ESL), lower of Cancer Risk and Non-cancer Hazard per San Francisco Bay RWQCB 2019 Rev 2

† = background per example 12.4.1 per San Francisco Bay RWQCB User's Guide 2019 Rev 1

* = C/I ESL for trivalent Cr; ne for total Cr, and 6.2 mg/kg for hexavalent Cr; CW ESL for trivalent Cr; ne for total Cr, and 2.8 mg/kg for hexavalent Cr

Hazardous Waste Screening Criteria: STLC Screening = Soluble Threshold Limit Concentration as 10 times the STLC in µg/kg; TCLP Screening = Toxicity Characteristic Leaching Procedure as 20 times the TCLP in µg/kg

Hazardous Waste Criteria: TTLC (Total Threshold Limit Concentration) and STLC = state waste criteria under Title 22; TCLP = federal waste criteria under the Resource Conservation and Recovery Act (RCRA)

ne = no established ESLs or Hazardous Waste Criteria

Bold = analyte detected above the laboratory reporting limit

Thick Border = analyte exceeded ESLs

Yellow Shading = analyte exceeded STLC Hazardous Waste Screening Criteria

Blue Shading = analyte exceeded both STLC and TCLP Hazardous Waste Screening Criteria

Table 6
Groundwater Data Summary - VOCs
Palo Alto, California
REI Project Number 22-0013.01

		Analytes	TCE	cDCE	Other VOCs
Environmental Screening Levels (ESLs)		Tier 1 ESL	1.2	6.0	var
		MCL	5.0	6.0	
		C/I ESL	7.5	210	var
Sample Identification and Date	GW-1	2022-Sep-20	**5.2**	<0.5	**nd**
	GW-2	2022-Sep-20	**3.5**	**0.6**	**nd**
	GW-3	2022-Sep-20	**7.2**	**1.0**	**nd**
	GW-4	2022-Sep-20	**8.0**	**1.3**	**nd**

Notes:

Analytes = Volatile Organic Compounds (VOCs) by USEPA Method 8260B

TCE (Trichloroethene), cDCE (cis-1,2-Dichloroethene)

Results and Screening Criteria reported in micrograms per liter (µg/L)

<#, nd = no concentration detected above laboratory reporting limit

ESLs = most protective (Tier 1), Maximum Contaminant Level (MCL) for drinking water, and Commerical/Industrial vapor intrusion risk, lower of Cancer Risk and Non-cancer Hazard (C/I), per San Francisco Bay RWQCB 2019 Rev 2

ne = no established ESL

Bold = analyte detected above laboratory reporting limit

Heavy Border = analyte detected above MCL

Blue Highlight = analyte detected above Tier 1 ESL

Orange Highlight = analyte detected above C/I ESL

Table 7
Soil Vapor Data Summary - VOCs
Palo Alto, California
REI Project Number 22-0013.01

Sample Identification, Depth, and Date		Analytes	Freon 12	Freon 11	Freon 113	Chloro-methane	Bromo-methane	Chloro-ethane	Methylene Chloride	Chloroform	PCE	TCE	cDCE	tDCE	1,1-DCE	1,1,1-TCA	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Xylene (total)	1,3,5-TMB	1,2,4-TMB	4-Ethyltoluene	Acetone	Carbon Disulfide	IPA	n-Hexane	2-Butanone	4-Methyl-2-Pentanone	2-Hexanone	Styrene	Other VOCs
Environmental Screening Levels (ESLs)		Tier 1 ESL	ne	ne	ne	3.1k	170	35k	34	4.1	15	16	280	2.8k	2.4k	35k	3.2	10k	37	3.5k	3.5k	3.5k	ne	ne	ne	1M	ne	ne	ne	ne	ne	ne	ne	var
		C/I ESL	ne	ne	ne	13k	730	1.5M	410	18	67	100	1.2k	12k	10k	150k	14	44k	160	15k	15k	15k	ne	ne	ne	4.5M	ne	ne	ne	ne	ne	ne	ne	var
	SV-1 5'	2022-Sep-21	**2.0**	<1.7	<2.3	<0.62	<1.2	<0.79	**2.4**	<1.5	<2.0	<1.6	<1.2	<1.2	<1.2	<1.6	**4.4**	**7.0**	<1.3	<2.6	<1.3	<1.3	<1.5	<1.5	<1.5	**33**	**3.3**	<3.7	**3.8**	**10**	**3.7**	<3.1	<1.3	nd
	SV-1 15'	2022-Sep-21	**2.3**	**1.8**	<2.3	<0.62	<1.2	<0.79	<1.0	<1.5	<2.0	<1.6	<1.2	<1.2	<1.2	<1.6	**6.1**	**7.2**	<1.3	<2.6	<1.3	<1.3	<1.5	<1.5	<1.5	**32**	**6.8**	<3.7	**9.1**	**6.3**	**1.5**	<3.1	<1.3	nd
	SV-2 5'	2022-Sep-21	<2.0	<2.2	<3.1	<0.83	<1.6	<1.1	<1.4	**11**	**71**	**2.5**	<1.6	<1.6	<1.6	<2.2	**37**	**200**	**37**	**170**	**39**	**210**	**17**	**37**	**13**	**40**	**23**	<4.9	**42**	**8.7**	**49**	<4.1	<1.7	nd
	SV-2 15'	2022-Sep-21	**2.0**	<2.2	**4.0**	<0.83	<1.6	<1.1	<1.4	<2.0	**75**	**18**	<1.6	<1.6	<1.6	<2.2	**56**	**210**	**24**	**81**	**19**	**100**	**4.5**	**12**	**4.9**	**190**	**43**	<4.9	**73**	**43**	**140**	**5.3**	<1.7	nd
	SV-3 5'	2022-Sep-21	**2.5**	**2.1**	<2.3	<0.62	<1.2	<0.79	**9.6**	<1.5	<2.0	<1.6	<1.2	<1.2	<1.2	<1.6	**14**	**23**	**2.1**	**5.1**	**1.6**	**6.6**	<1.5	<1.5	<1.5	**57**	**26**	**3.9**	**70**	**18**	**18**	**4.0**	<1.3	nd
	SV-3 15'	2022-Sep-21	**2.3**	**18**	**6.4**	**1.3**	**2.0**	<0.79	**1.1**	<1.5	**8.5**	**220**	<1.2	<1.2	<1.2	**1.8**	**12**	**15**	**1.7**	**3.9**	**1.4**	**5.4**	<1.5	<1.5	<1.5	**44**	**25**	<3.7	**140**	**14**	**5.8**	<3.1	<1.3	nd
	SV-4 5'	2022-Sep-21	**2.0**	<1.7	<2.3	<0.62	<1.2	<0.79	**1.9**	<1.5	**2.9**	**4.5**	<1.2	<1.2	<1.2	<1.6	**7.7**	**14**	**1.4**	**3.3**	<1.3	**3.3**	<1.5	<1.5	<1.5	**54**	**6.5**	<3.7	**12**	**16**	**13**	**3.5**	<1.3	nd
	SV-4 15'	2022-Sep-21	**1.9**	<1.7	<2.3	**4.2**	**1.3**	**1.1**	**2.2**	<1.5	**2.4**	**54**	<1.2	**1.9**	<1.2	<1.6	**10**	**13**	<1.3	**2.9**	<1.3	**2.9**	<1.5	<1.5	<1.5	**57**	**16**	<3.7	**23**	**17**	**6.6**	**4.2**	<1.3	nd
	SV-5 5'	2022-Sep-21	**2.0**	<1.7	**11**	<0.62	<1.2	<0.79	**1.2**	**2.4**	**120**	<1.6	<1.2	<1.2	<1.6	<1.6	**18**	**31**	**2.5**	**12**	**3.2**	**15**	<1.5	**2.5**	<1.5	**49**	**6.5**	<3.7	**3.8**	**11**	**9.7**	<3.1	**3.1**	nd
	SV-5 15'	2022-Sep-21	**2.3**	<1.7	**24**	<0.62	<1.2	<0.79	<1.0	<1.5	**130**	<1.6	<1.2	<1.2	<1.2	**1.8**	**20**	**20**	**1.6**	**4.7**	**2.1**	**6.8**	<1.5	<1.5	<1.5	**13**	**9.9**	<3.7	**27**	<4.4	<1.2	<3.1	<1.3	nd
	SV-6 5'	2022-Sep-21	<4.6	<5.3	<7.2	**2.2**	<3.6	<2.5	<3.3	**6.2**	<6.4	<5.0	<3.7	<3.7	<3.7	<5.1	**100**	**240**	**41**	**190**	**59**	**250**	**29**	**75**	**26**	**330**	**26**	<12	**420**	**84**	**230**	**13**	<4.0	nd
	SV-6 15'	2022-Sep-21	**2.9**	**6.2**	**100**	<0.62	<1.2	<0.79	<1.0	**5.0**	**83**	**650**	<1.2	<1.2	**2.4**	**13**	**2.2**	**7.0**	**2.3**	**9.7**	**3.3**	**13**	**2.0**	**6.2**	**1.9**	**71**	**1.4**	<3.7	**6.2**	**15**	**48**	**3.3**	<1.3	nd
	SV-7 5'	2022-Sep-21	<4.6	<5.3	<7.2	<1.9	<3.6	<2.5	<3.3	**9.6**	<6.4	<5.0	<3.7	<3.7	<3.7	<5.1	**83**	**220**	**30**	**100**	**32**	**140**	**27**	**53**	**11**	**310**	**14**	<12	**200**	**81**	**110**	<9.6	<4.0	nd
	SV-7 15'	2022-Sep-21	**1.9**	<1.7	<2.3	**1.8**	<1.2	<0.79	<1.0	**6.9**	<2.0	**9.7**	<1.2	<1.2	<1.2	<1.6	**26**	**37**	**6.4**	**24**	**7.9**	**32**	**4.3**	**11**	**3.6**	**130**	**8.8**	**5.1**	**130**	**29**	**100**	**6.7**	<1.3	nd
	SV-8 5'	2022-Sep-21	**2.1**	<1.7	<2.3	<0.62	<1.2	<0.79	<1.0	<1.5	**3.5**	**14**	<1.2	<1.2	<1.2	**4.1**	**1.9**	**3.0**	<1.3	<2.6	<1.3	<1.3	<1.5	<1.5	<1.5	**18**	**1.4**	<3.7	**11**	**6.1**	**3.0**	<3.1	<1.3	nd
	SV-8 15'	2022-Sep-21	<4.6	<5.3	<7.2	<1.9	<3.6	<2.5	<3.3	<4.6	<6.4	**80**	**5.3**	<3.7	**7.2**	<5.1	**18**	**40**	<4.1	**14**	<4.1	**14**	<4.6	<4.6	<4.6	**47**	**21**	<12	**460**	**14**	**4.2**	<9.6	<4.0	nd
	SV-9 5'	2022-Sep-21	<9.3	<11	<14	<3.9	<7.3	<4.9	<6.5	<9.2	<13	<10	<7.4	<7.4	<7.4	<10	**25**	**26**	<8.1	<16	<8.1	<8.1	<9.2	<9.2	<9.2	**530**	**220**	<23	**91**	**180**	**8.8**	<19	<8.0	nd
	SV-9 15'	2022-Sep-21	**1.8**	<1.7	<2.3	**3.8**	**3.2**	<0.79	**2.2**	<1.5	**4.4**	**28**	<1.2	<1.2	<1.2	<1.6	**12**	**16**	**1.7**	**3.1**	**1.4**	**4.5**	<1.5	<1.5	<1.5	**38**	**29**	<3.7	**33**	**15**	**4.8**	<3.1	<1.3	nd

Notes:

Sample depth in approximate feet below ground surface (bgs)

Analytes = Volatile Organic Compounds (VOCs) by USEPA Method TO-15: Freon 11 (Trichlorofluoromethane), 1,1-DCE (1,1-Dichloroethene), IPA (Isopropanol), cDCE (cis-1,2-Dichloroethene), tDCE (trans-1,2-Dichloroethene), 1,1,1-TCA (1,1,1-Trichlor

Results and Screening Criteria reported in micrograms per cubic meter ($\mu g/m^3$)

<#, nd = no concentration detected above laboratory reporting limit

ESLs = most protective (Tier 1) and Commerical/Industrial vapor intrusion risk, lower of Cancer Risk and Non-cancer Hazard (C/I)

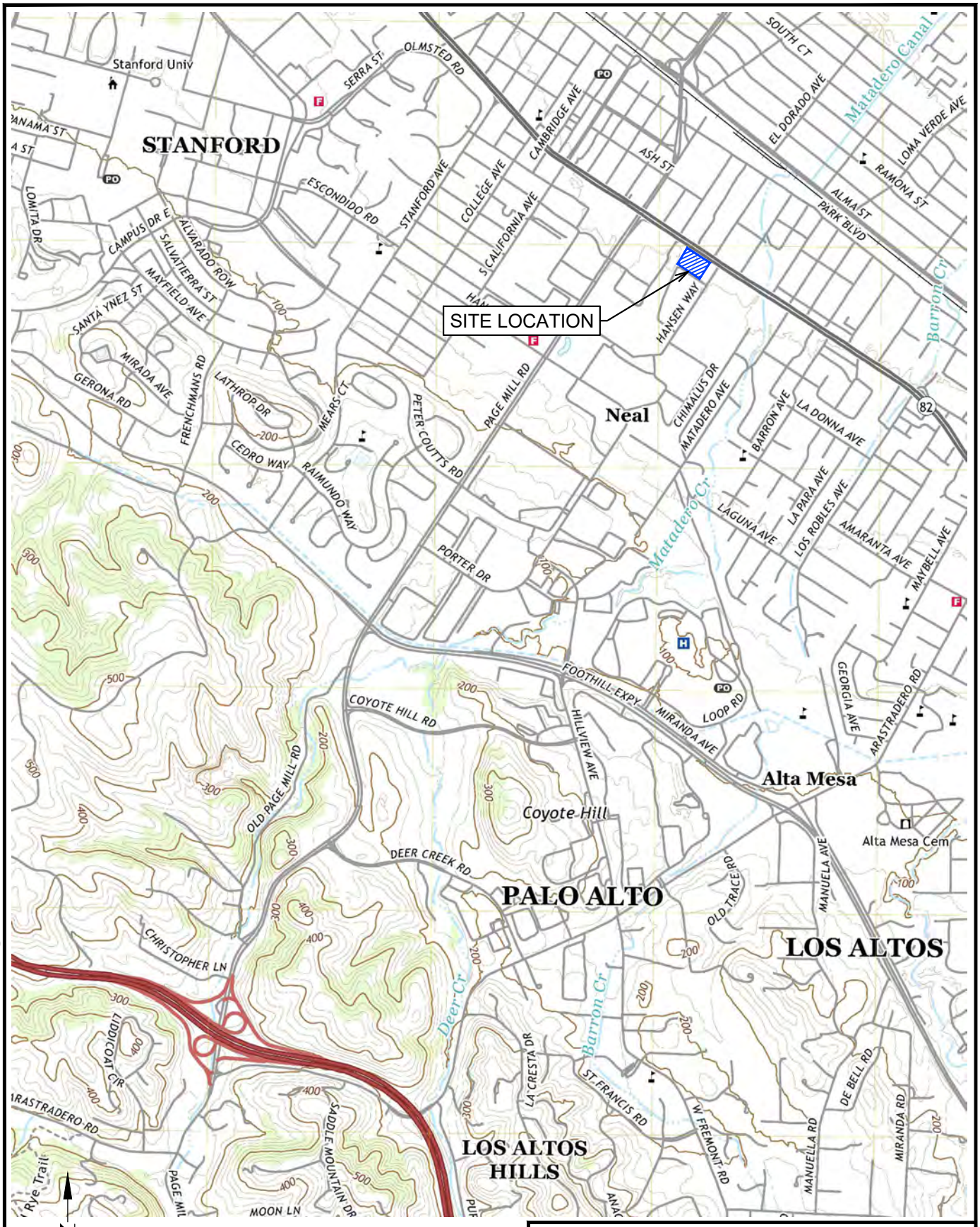
ne = no established ESL

Bold = analyte detected above laboratory reporting limit

Blue Highlight = analyte detected above Tier 1 ESL

Orange Highlight = analyte detected above C/I ESL

FIGURES



SITE LOCATION MAP

3128, 3150, 3160, 3166, 3170 EL CAMINO REAL, PALO ALTO

ROSSO ENVIRONMENTAL, INC.

Figure 1

03/02/2022, 10:17, R:\RossoEnv\22-0013.00\SITE0322.dwg, Tab: F1

Project No. 22-0013.01

Legend:

- Boring (Soil Sample)
- Boring (Soil Vapor Samples at 5' and 15' bgs)
- Boring (Soil and Soil Vapor Samples at 5' and 15' bgs)
- Boring (Soil, Soil Vapor Samples at 5' and 15' bgs, and Grab Groundwater Sample)

0 80

SCALE: feet

SITE MAP

3128, 3150, 3160, 3166, 3170 EL CAMINO REAL, PALO ALTO

ROSSO ENVIRONMENTAL, INC.

Figure 2

Project No. 22-0013.01

APPENDIX A

BORING LOGS

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B1/SV1/GW1

Start Date:	9/20/22	Start Time:	0845	Elevation (ft, msl):	n/a
Finish Date:	9/20/22	Finish Time:	0930	Boring Diameter (in)	2
Driller:	ECA			Drill Method:	Direct Push
Hammer Weight:	n/a			Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	23.6
Time:	...	Time:	0955
Date:	...	Date:	9/20/22

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0845				Fill	Organics.
								(SP)	SILTY SAND with gravel; tan-gray, loose, dry.
		1.5	0.0	0846	1	■			
					2			CL	SILTY CLAY; black, medium stiff, dry, trace fine gravel.
			0.0		3				
	30			0847					
					4				
		5.0		0850		■			
			0.0		5				
					6				
			0.0						Brown-tan.
					7				
	36			0855					
					8				
			0.0						
					9				
					10				
			0.0						
					11				
	40			0900					
					12				
			0.0						
					13				
					14				
		15.0	0.0	0903	15	■			
								SP	SILTY SAND with gravel; tan, fine to medium grained, medium dense, dry.
	38			0905	16				
			0.0		17				
					18				
			0.0		19			CL	SANDY CLAY; tan-brown, medium stiff, dry to damp, fine grained.
	36			0910					

LOG OF SOIL BORING

Project No.: 22-0013.01
Project Name: Palo Alto
Location: El Camino Real, Palo Alto, CA
Logged By: J. Wilson

BORING NO. B1/SV1/GW1

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					20			CL	
			0.0		21				
					22				
			0.0		23				
								CL	SILTY CLAY; brown, medium stiff, dry-to damp.
	41			0915	24				Some fine sand.
		25.0	0.0	0917	25	■			Moist.
					26				
			0.0		27				Dry to damp.
	44			0920	28				
									SILTY CLAY; light tan, medium stiff, damp.
			0.0		29				
			0.0		31				
	46			0925	32			SP	SAND; tan, fine to medium grained, some gravel, medium dense, dry to damp.
			0.0		33				
					34				Wet to saturated.
			0.0		35				
	44			0930	36				Wet
									EOB at 36' bgs.
					37				
					38				
					39				
					40				
					41				
					42				
					43				
					44				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B2/SV2

Start Date:	9/19/22	Start Time:	0925	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	1020	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0925					Asphalt (6").
					1			Fill (SP)	SILTY SAND with fine gravel; tan, fine to medium grained, medium dense, dry.
		2.0	0.0	0927	2	■			
									Organics (roots).
					3				Some clay.
			0.0						
	38			0930	4				
								CL	SILTY CLAY; black, medium stiff, dry.
			0.0		5				Organics (roots).
	22				6				
				0935					
			0.0		7				
									Brown, dense (hard), trace fine gravel. dry.
					8				
	35		0.0	0940	9				
	12		0.0	0950	10				Hard/dense, dry.
	18		0.0	1000	11				
					12				
	22			1015	13				SILTY CLAY; brown, medium stiff/hard, dry.
					14				
					15				
	22			1020					
					16				EOB at 15.5' bgs.
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01	**BORING NO.**	
Project Name:	Palo Alto		GW2
Location:	El Camino Real, Palo Alto, CA		
Logged By:	J. Wilson		

Start Date:	9/20/22	Start Time:	0755	Elevation (ft, msl):	n/a
Finish Date:	9/20/22	Finish Time:	0835	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	24.8
Time:	...	Time:	0850
Date:	...	Date:	9/20/22

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0755					Asphalt (6").
			0.0		1			Fill (SP)	SILTY SAND with fine gravel; tan, medium dense, dry.
					2				Some clay.
			0.0		3				
	44			0757	4			CL	SILTY CLAY; black, medium stiff, dry, trace fine gravel.
			0.0		5				
					6				
			0.0		7				
	46	8.0		0800	8	■			
			0.0		9				
					10				
			0.0		11				Brown, hard/dense.
	48			0803	12				
			0.0		13				
					14				
		15.0		0804	15	■			
			0.1						SILTY CLAY; tan, medium stiff, dry.
	43			0805	16				
			0.0		17				
					18				
			0.0		19				
	48			0815					

LOG OF SOIL BORING

Project No.: 22-0013.01
Project Name: Palo Alto
Location: El Camino Real, Palo Alto, CA
Logged By: J. Wilson

BORING NO. GW2

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
								CL	SILTY CLAY; tan-brown, medium stiff, dry to damp.
			0.0		21				
					22				
					23				
			0.0						
	48			0820	24				
		25.0		0822	25	▼			
			0.0						
					26				
			0.0		27				Damp to moist.
	48			0825	28				
			0.0		29				Dry to damp.
					30				Moist, light tan, some fine gravel.
			0.0		31				
	46			0830	32			SP	SILTY SAND with fine gravel; brown, fine to medium grained, medium dense, damp to moist.
			0.0		33				Some gravel, moist.
					34				
									Moist to wet.
			0.0		35				
	48			0835	36				EOB at 36' bgs.
					37				
					38				
					39				
					40				
					41				
					42				
					43				
					44				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B3/SV3/GW3

Start Date:	9/20/22	Start Time: 1210	Elevation (ft, msl): n/a
Finish Date:	9/20/22	Finish Time: 1255	Boring Diameter (in) 2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	21.42
Time:	...	Time:	1436
Date:	...	Date:	9/20/22

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1210					Asphalt (6").
					1			Fill	SILTY SAND with gravel; brown, loose, dry.
		1.5	0.0	1211		■		(SP)	
					2			CL	
									SILTY CLAY; brown, medium stiff, dry.
			0.0		3				Black.
	38			1215					
					4				
		5.0		1216		■			
					5				
			0.0						
					6				
					7				
	48			1220					
					8				
									Brown.
					9				
			0.0						
					10				
					11				
	48			1225					
					12				
			0.0		13				Light tan, dry to damp.
	24			1227					
					14				
		15.0		1229		■			
			0.0		15				Some fine grained sand.
	24			1230					
					16				
			0.0		17				SILTY CLAY; tan, medium stiff, dry to damp.
	24			1233					
					18				
									Brown.
			0.0		19				
	24			1235					

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B3/SV3/GW3

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					21			CL	Trace fine sand and gravel.
	24		0.0	1237	22				SILTY CLAY; tan-brown, medium stiff, damp.
	24		0.0	1240	23				
		25.0		1241	24				
			0.0		25				
	48			1245	26				
			0.0		27				SILTY CLAY; light tan, trace fine gravel, medium stiff, dry to damp.
	48			1250	28				
			0.0		29				
	44			1255	30				SILTY CLAY; tan-brown, medium stiff, damp to moist.
					31				
					32				
					33				
					34				
					35				
					36				EOB at 36' bgs.
					37				
					38				
					39				
					40				
					41				
					42				
					43				
					44				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B4/SV4/GW4

Start Date:	9/20/22	Start Time:	1120	Elevation (ft, msl):	n/a
Finish Date:	9/20/22	Finish Time:	1205	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	21.7
Time:	...	Time:	1405
Date:	...	Date:	9/20/22

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1120					Asphalt (6").
					1			Fill (SP)	SILTY SAND with gravel; tan-brown, fine to medium grained, medium dense, dry.
		1.5	0.0	1121	2	■			
	40		0.0	1125	3			CL	SILTY CLAY; black, medium stiff, dry, trace fine gravel.
		5.0		1126	4				
			0.0		5	■			
					6				Tan-brown, trace gravel and sand.
	44			1130	7				
			0.0		8				SILTY CLAY; brown, medium stiff, dry.
	48			1135	9				
			0.0		10				Light tan.
		15.0		1137	11				
	48		0.0	1140	12				
			0.0		13				Brown.
	48			1145	14				
					15	■			
					16				
					17				
					18				
					19				

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B4/SV4/GW4

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
					20			CL	Dry to damp.
					21				
			0.0						
					22				Some fine sand and trace gravel, damp to moist.
					23				
	46			1150	24				
									SILTY CLAY; tan-brown, trace fine gravel, medium stiff, damp.
		25.0		1151	25				
			0.0						
					26				
					27				
	48			1155					
					28				
			0.0		29				
					30				
					31			SP	SILTY SAND with fine gravel; brown, fine to medium grained, medium dense, dry to
	48			1200					damp.
					32				
					33				With gravel, fine to coarse grained, wet to saturated.
			0.0						
					34				
					35				
	44			1205	36				
									EOB at 36' bgs.
					37				
					38				
					39				
					40				
					41				
					42				
					43				
					44				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B5

Start Date:	9/19/22	Start Time: 1100	Elevation (ft, msl): n/a
Finish Date:	9/19/22	Finish Time: 1109	Boring Diameter (in) 2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
		0.5		1100		■		Fill (SP)	SILTY SANDY GRAVEL; gray-tan, loose, dry.
			0.0		1				
					2				
	29		0.0	1105	3			CL	SILTY CLAY; black, medium stiff, dry.
									Trace fine gravel.
					4				
	24		0.0	1109	5				
									EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. SV5

Start Date:	9/20/22	Start Time:	1000	Elevation (ft, msl):	n/a
Finish Date:	9/20/22	Finish Time:	1020	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1000				Fill	Organics.
		0.5	0.0	1001	1	■		(SP)	SILTY SAND with gravel; tan, loose, dry.
					2				
			0.0		3			CL	SILTY CLAY; black, medium stiff, dry.
	28			1005	4				
			0.0		5				
					6				
			0.0		7				Tan-brown.
	42			1010	8				
			0.0		9				
					10				
			0.0		11				Brown.
	41			1015	12				
			0.0		13				
					14				Tan-brown.
			0.0		15				
	48			1020	16				EOB at 15.5' bgs.
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B6

Start Date:	9/19/22	Start Time:	1110	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	1120	Boring Diameter (in)	2
Driller:	ECA	Drill Method:	Direct Push		
Hammer Weight:	n/a	Drop:	n/a		

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1110				Fill (SP)	SILTY SAND with gravel; tan-gray, fine to medium grained, loose, dry.
			0.0		1				
		2.0	0.0	1112	2	■			
	30			1115	3			CL	SILTY CLAY; black, medium stiff, dry.
			0.0		4				
	26			1120	5				EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01	**BORING NO.**	
Project Name:	Palo Alto		B7
Location:	El Camino Real, Palo Alto, CA		
Logged By:	J. Wilson		

Start Date:	9/19/22	Start Time:	0740	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	0745	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
⊠ Sample Collected
■ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0740					Asphalt (3").
								Fill	SILTY SAND with fine gravel; brown, fine to medium grained, medium dense, dry.
		1.5	0.0	0741	1	■		(SP)	
					2				
	31			0743	3			CL	SILTY CLAY; tan, medium stiff, damp, trace fine gravel.
			0.0		4				Some fine sand.
	24			0745	5				Black.
									EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. SV7

Start Date:	9/21/22	Start Time:	0910	Elevation (ft, msl):	n/a
Finish Date:	9/21/22	Finish Time:	0935	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0910					Asphalt (6").
					1			Fill	SILTY SAND with gravel; brown, medium dense, dry.
		1.5	0.0	0911		■		(SP)	
					2			CL	SILTY CLAY; black, medium stiff, dry to damp.
					3				
	40		0.0	0915	4				
					5				
			0.0		6				
	42			0920	7				
					8				Brown, trace gravel.
			0.0		9				
	40			0925	10				
					11				Light tan, trace gravel.
			0.0		12				
	41			0930	13				
			0.0		14				
	36			0935	15				
					16				EOB at 15.5' bgs.
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B8

Start Date:	9/19/22	Start Time:	0750	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	0757	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
⊠ Sample Collected
■ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0750					Asphalt (5").
		1.0	0.0	0753	1	■		Fill (SP)	SILTY SAND with gravel; tan-gray, fine to medium grained, medium dense, dry.
					2			CL	SANDY SILTY CLAY; tan-gray, medium stiff, dry.
	32		0.0	0755	3				
			0.0		4				
	22			0757	5				SILTY CLAY; black, medium stiff, dry to damp.
									EOB at 5' bgs.

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B9

Start Date:	9/19/22	Start Time: 0800	Elevation (ft, msl): n/a
Finish Date:	9/19/22	Finish Time: 0810	Boring Diameter (in) 2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0800					Asphalt (5").
					1			Fill (SP)	SILTY SAND with fine gravel; tan, medium dense, dry.
			0.0		2				
	30			0805	3				
		3.5	0.0	0806		■			
					4				
	24		0.0	0810	5			CL	SILTY CLAY; black, medium stiff, dry to damp.
									EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B10

Start Date:	9/19/22	Start Time:	0810	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	0820	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0810					Asphalt (6").
					1			Fill (SP)	SILTY SAND with fine gravel; tan, fine to medium grained, medium dense, dry.
			0.0		2				
	31	3.0	0.0	0815	3	■			
			0.0		4				
	26			0820	5				2" SILTY CLAY; black, medium stiff, dry.
								CL	EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B11

Start Date:	9/19/22	Start Time:	0825	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	0830	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
⊠ Sample Collected
■ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0825					Asphalt (6").
		1.0	0.0	0826	1	■		Fill (SP)	SILTY SAND with fine gravel; tan, fine to medium grained, medium dense, dry.
					2				
	28		0.0		3				Some clay.
					4			CL	SILTY CLAY; black, medium stiff, dry.
	27		0.0	0830	5				EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01	**BORING NO.**	
Project Name:	Palo Alto		B12
Location:	El Camino Real, Palo Alto, CA		
Logged By:	J. Wilson		

Start Date:	9/19/22	Start Time:	1315	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	1320	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
⊠ Sample Collected
■ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1315					Asphalt (4").
								Fill	SILTY SAND with fine gravel; tan, fine to medium grained, medium dense, dry.
			0.0		1			(SP)	
					2				
	31		0.0	1317	3				
		4.0		1318		■			
			0.0		4			CL	SILTY CLAY; black, medium stiff, dry.
	20			1320					
					5				EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B13

Start Date:	9/19/22	Start Time:	1305	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	1310	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1305					Asphalt (8").
			0.0		1			Fill (SP)	SILTY SAND with fine gravel; tan-gray, fine to medium grained, medium dense, dry.
	20	3.0	0.0	1307	3	■			
			0.0		4			CL	SILTY CLAY; black, medium stiff, damp, trace fine gravel.
	21			1310	5				EOB at 5' bgs.

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B14

Start Date:	9/19/22	Start Time:	0835	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	0845	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0835					Asphalt (6").
			0.0		1			Fill (SP)	SILTY SAND with fine gravel; tan, fine to medium grained, medium dense, dry.
	12			0840					
					2				
			0.0		3				SILTY SAND; tan, fine grained, trace gravel, medium dense, dry.
		4.0	0.0	0843	4	■			
	40			0845	5			CL	SILTY CLAY; black, medium stiff, dry.
									EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B15/SV6

Start Date:	9/21/22	Start Time:	0830	Elevation (ft, msl):	n/a
Finish Date:	9/21/22	Finish Time:	0855	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0830					Asphalt (6").
					1			Fill	SILTY SAND with gravel; brown, medium dense, dry.
		1.5	0.0	0831		■		(SP)	
					2			CL	SILTY CLAY; black, medium stiff, dry to damp.
					3				
			0.0						
	48			0835	4				
					5				
			0.0						
					6				
	40			0840	7				
					8				Brown, trace gravel.
			0.0						
					9				
	40			0845	10				
					11				Light tan, trace gravel
			0.0						
					12				
	40			0850	13				
					14				
			0.0						
					15				
	38			0855					
					16				EOB at 15.5' bgs.
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01	**BORING NO.**	
Project Name:	Palo Alto		B16
Location:	El Camino Real, Palo Alto, CA		
Logged By:	J. Wilson		

Start Date:	9/21/22	Start Time:	0902	Elevation (ft, msl):	n/a
Finish Date:	9/21/22	Finish Time:	0908	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0902					Asphalt (6").
		1.0	0.0	0903	1	■		Fill (SP)	SILTY SAND with gravel; brown, medium dense, dry.
					2			CL	SILTY CLAY; black, medium stiff, dry to damp.
	33		0.0	0905	3				
			0.0		4				
	24			0908	5				EOB at 5' bgs.

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B17

Start Date:	9/19/22	Start Time:	1210	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	1215	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1210					Asphalt (6").
		1.0	0.0	1211	1	■		Fill (SP)	SILTY SAND with fine gravel; tan-gray, medium dense, dry.
					2			CL	SILTY CLAY; black, medium stiff, dry, trace fine gravel.
	32		0.0	1213	3				
					4				
			0.0						
	27			1215	5				EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01	**BORING NO.**	
Project Name:	Palo Alto		B18/SV8
Location:	El Camino Real, Palo Alto, CA		
Logged By:	J. Wilson		

Start Date:	9/20/22	Start Time:	1410	Elevation (ft, msl):	n/a
Finish Date:	9/20/22	Finish Time:	1430	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1410					Asphalt (6").
		1.0	0.0	1411	1	■		Fill (SP)	SILTY SAND with fine gravel; tan-gray, medium dense, dry.
					2			CL	SILTY CLAY; black, medium stiff, dry.
	40		0.0	1415	4				
					5				Brown, trace gravel.
			0.0		6				
	41			1420	8				
			0.0		10				
	43			1425	12				
					13				Tan, trace gravel.
			0.0		14				
	46			1430	15				
					16				EOB at 15.5' bgs.

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01	**BORING NO.**	
Project Name:	Palo Alto		B19
Location:	El Camino Real, Palo Alto, CA		
Logged By:	J. Wilson		

Start Date:	9/21/22	Start Time:	0820	Elevation (ft, msl):	n/a
Finish Date:	9/21/22	Finish Time:	0830	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0820				Fill	Top soil, organics (planter area).
		1.0	0.0	0825	1	■		CL	SILTY CLAY; black.
	24			0830	2				EOB at 2' bgs.

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B20

Start Date:	9/19/22	Start Time:	1230	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	1235	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1230					Asphalt (6").
		1.0	0.0	1231	1	■		Fill (SP)	SILTY SAND with fine gravel; gray-tan, fine to medium grained, medium dense, dry.
					2				
			0.0					CL	SILTY CLAY; black, medium stiff, dry, trace fine gravel.
	32			1233	3				
			0.0		4				
	24			1235	5				EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01	**BORING NO.**	
Project Name:	Palo Alto		B21
Location:	El Camino Real, Palo Alto, CA		
Logged By:	J. Wilson		

Start Date:	9/19/22	Start Time:	1220	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	1225	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1220					Asphalt (6").
								Fill	SILTY SAND.
		1.5	0.0	1221	1	■		(SP)	
					2				
								CL	SILTY CLAY; black, medium stiff, dry.
	33		0.0	1223	3				
					4				
			0.0						
	24			1225	5				
									EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B22

Start Date:	9/19/22	Start Time:	1240	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	1245	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1240					Asphalt (6").
		1.0	0.0	1241	1	■		Fill (SP)	SILTY SAND with fine gravel; gray, fine to medium grained, medium dense, dry.
					2				
	24		0.0	1243	3			CL	SILTY CLAY; black, medium stiff, dry.
			0.0		4				
	22			1245	5				EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B23/SV9

Start Date:	9/20/22	Start Time:	1340	Elevation (ft, msl):	n/a
Finish Date:	9/20/22	Finish Time:	1400	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1340					Asphalt (6").
					1			Fill (SP)	SILTY SAND with gravel; gray, medium dense, dry.
		1.5	0.0			■			
					2			CL	SILTY CLAY; black, medium stiff, dry.
					3				
	38			1345	4				
					5				Dark brown.
			0.0		6				
					7				
	48			1350	8				
			0.0		9				
	24			1352	10				
			0.0		11				
	24			1354	12				
									Light tan.
			0.0		13				
	24			1356	14				
									Trace fine sand and gravel.
			0.0		15				
	24			1400					
					16				EOB at 15.5' bgs.
					17				
					18				
					19				

ROSSO ENVIRONMENTAL, INC.

LOG OF SOIL BORING

Project No.:	22-0013.01
Project Name:	Palo Alto
Location:	El Camino Real, Palo Alto, CA
Logged By:	J. Wilson

BORING NO. B23

Start Date:	9/19/22	Start Time:	1255	Elevation (ft, msl):	n/a
Finish Date:	9/19/22	Finish Time:	1300	Boring Diameter (in)	2

Driller:	ECA	Drill Method:	Direct Push
Hammer Weight:	n/a	Drop:	n/a

Borehole Completion Data: Neat cement grout to grade.

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	...	Depth To ▼ (ft)	...
Time:	...	Time:	...
Date:	...	Date:	...

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1255					Asphalt (6").
			0.0		1			Fill (SP)	SILTY SAND with fine gravel; gray, fine to medium grained, medium dense, dry.
		2.5	0.0	1257	2	■			
	31			1258	3			CL	SILTY CLAY; black, medium stiff, dry.
			0.0		4				
	22			1300	5				EOB at 5' bgs.
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				

APPENDIX B

SOIL VAPOR FIELD SAMPLING DATA SHEETS

Date: September 21, 2022 Project # 22-0013.01

Sample location: Former rail spur, north of McDonalds Sample ID: SV-1 5'

Site name: Palo Alto Canister ID: C10424

Address: 3128-3170 El Camino Real, Palo Alto Time: 8:54

Field staff: Erick W. Leif Weather-Temp: Overcast 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other: _____

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	8:45	-28 "Hg	Start
	8:46	-28 "Hg	End
Sample	8:46	-28 "Hg	Start
	8:49	-19 "Hg	Okay
	8:54	-4 "Hg	End

Location/comments: Former rail spur, north of McDonalds

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Former rail spur, north of McDonalds Sample ID: SV-1 15'

Site name: Palo Alto Canister ID: C10017

Address: 3128-3170 El Camino Real, Palo Alto Time: 9:03

Field staff: Erick W. Leif Weather-Temp: Overcast 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	8:55	-28 "Hg	Start
	8:56	-28 "Hg	End
Sample	8:56	-29 "Hg	Start
	8:58	-20 "Hg	Okay
	9:03	-4 "Hg	End

Location/comments: Former rail spur, north of McDonalds

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking Lot, west of McDonalds Sample ID: SV-2 5'

Site name: Palo Alto Canister ID: C10436

Address: 3128-3170 El Camino Real, Palo Alto Time: 9:43

Field staff: Erick W. Leif Weather-Temp: Overcast 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	9:35	-24 "Hg	Start
	9:36	-24 "Hg	End
Sample	9:36	-26 "Hg	Start
	9:39	-20 "Hg	Okay
	9:41	-8 "Hg	Okay
	9:43	-4 "Hg	End

Location/comments: Parking Lot, west of McDonalds

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking Lot, west of McDonalds Sample ID: SV-2 15'

Site name: Palo Alto Canister ID: C10266

Address: 3128-3170 El Camino Real, Palo Alto Time: 10:03

Field staff: Erick W. Leif Weather-Temp: Overcast 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	9:44	-28 "Hg	Start
	9:45	-28 "Hg	End
Sample	9:45	-30 "Hg	Start
	9:51	-20 "Hg	Okay
	9:55	-15 "Hg	Okay
	10:00	-8 "Hg	Okay
	10:03	-5 "Hg	End

Location/comments: Parking Lot, west of McDonalds

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking Lot, east of Fish Market Sample ID: SV-3 5'

Site name: Palo Alto Canister ID: C10012

Address: 3128-3170 El Camino Real, Palo Alto Time: 11:51

Field staff: Erick W. Leif Weather-Temp: Partly Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	11:44	-28 "Hg	Start
	11:45	-28 "Hg	End
Sample	11:45	-27 "Hg	Start
	11:48	-18 "Hg	Okay
	11:51	-4 "Hg	End

Location/comments: Parking Lot, east of Fish Market

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking Lot, east of Fish Market Sample ID: SV-3 15'

Site name: Palo Alto Canister ID: C10261

Address: 3128-3170 El Camino Real, Palo Alto Time: 12:06

Field staff: Erick W. Leif Weather-Temp: Partly Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	11:56	-30 "Hg	Start
	11:57	-30 "Hg	End
Sample	11:58	-30 "Hg	Start
	12:01	-28 "Hg	Okay
	12:03	-20 "Hg	Okay
	12:06	-5 "Hg	End

Location/comments: Parking Lot, east of Fish Market

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking Lot, south of Fish Market Sample ID: SV-4 5'

Site name: Palo Alto Canister ID: C10187

Address: 3128-3170 El Camino Real, Palo Alto Time: 10:48

Field staff: Erick W. Leif Weather-Temp: Partly Cloudy 60's

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	10:40	-28 "Hg	Start
	10:41	-28 "Hg	End
Sample	10:41	-29 "Hg	Start
	10:46	-15 "Hg	Okay
	10:48	-4 "Hg	End

Location/comments: Parking Lot, south of Fish Market

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking Lot, south of Fish Market Sample ID: SV-4 15'

Site name: Palo Alto Canister ID: C10395

Address: 3128-3170 El Camino Real, Palo Alto Time: 10:57

Field staff: Erick W. Leif Weather-Temp: Partly Cloudy 60's

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	10:49	-22 "Hg	Start
	10:50	-22 "Hg	End
Sample	10:51	-30 "Hg	Start
	10:54	-20 "Hg	Okay
	10:57	-4 "Hg	End

Location/comments: Parking Lot, south of Fish Market

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Former rail spur, northwest of McDonalds Sample ID: SV-5 5'

Site name: Palo Alto Canister ID: C10392

Address: 3128-3170 El Camino Real, Palo Alto Time: 9:18

Field staff: Erick W. Leif Weather-Temp: Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	9:10	-29 "Hg	Start
	9:11	-29 "Hg	End
Sample	9:11	-29 "Hg	Start
	9:14	-20 "Hg	Okay
	9:18	-4 "Hg	End

Location/comments:

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Former rail spur, northwest of McDonalds Sample ID: SV-5 15'

Site name: Palo Alto Canister ID: C10180

Address: 3128-3170 El Camino Real, Palo Alto Time: 9:27

Field staff: Erick W. Leif Weather-Temp: Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	9:18	-29 "Hg	Start
	9:19	-29 "Hg	End
Sample	9:20	-28 "Hg	Start
	9:23	-20 "Hg	Okay
	9:27	-5 "Hg	End

Location/comments: Former rail spur, northwest of McDonalds

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking lot, north of Fish Market Sample ID: SV-6 5'

Site name: Palo Alto Canister ID: C10226

Address: 3128-3170 El Camino Real, Palo Alto Time: 12:47

Field staff: Erick W. Leif Weather-Temp: Partly Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	12:37	-24 "Hg	Start
	12:38	-24 "Hg	End
Sample	12:38	-29 "Hg	Start
	12:42	-19 "Hg	Okay
	12:47	-5 "Hg	End

Location/comments: Parking lot, north of Fish Market

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking lot, north of Fish Market Sample ID: SV-6 15'

Site name: Palo Alto Canister ID: C10451

Address: 3128-3170 El Camino Real, Palo Alto Time: 12:57

Field staff: Erick W. Leif Weather-Temp: Partly Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	11:48	-25 "Hg	Start
	11:49	-25 "Hg	End
Sample	11:50	-30 "Hg	Start
	12:52	-25 "Hg	Okay
	12:55	-15 "Hg	Okay
	12:57	-4 "Hg	End

Location/comments: Parking lot, north of Fish Market

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking lot, west of Fish Market Sample ID: SV-7 5'

Site name: Palo Alto Canister ID: C10022

Address: 3128-3170 El Camino Real, Palo Alto Time: 13:17

Field staff: Erick W. Leif Weather-Temp: Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	13:03	-22 "Hg	Start
	13:04	-22 "Hg	End
Sample	13:05	-28 "Hg	Start
	13:08	-20 "Hg	Okay
	13:10	-15 "Hg	Okay
	13:17	-5 "Hg	End

Location/comments: Parking lot, north of Fish Market

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking lot, north of Fish Market Sample ID: SV-7 15'

Site name: Palo Alto Canister ID: C10183

Address: 3128-3170 El Camino Real, Palo Alto Time: 13:48

Field staff: Erick W. Leif Weather-Temp: Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	13:17	-22 "Hg	Start
	13:18	-22 "Hg	End
Sample	13:18	-30 "Hg	Start
	13:20	-22 "Hg	Okay
	13:30	-16 "Hg	Okay
	13:48	-7 "Hg	End

Location/comments: Parking lot, north of Fish Market

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking lot, west of Fish Market Sample ID: SV-8 5'

Site name: Palo Alto Canister ID: C10456

Address: 3128-3170 El Camino Real, Palo Alto Time: 13:42

Field staff: Erick W. Leif Weather-Temp: Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	13:33	-20 "Hg	Start
	13:34	-20 "Hg	End
Sample	13:34	-28 "Hg	Start
	13:35	-25 "Hg	Okay
	13:38	-19 "Hg	Okay
	13:42	-2 "Hg	End

Location/comments: Parking lot, west of Fish Market

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking lot, west of Fish Market Sample ID: SV-8 15'

Site name: Palo Alto Canister ID: C10269

Address: 3128-3170 El Camino Real, Palo Alto Time: 14:15

Field staff: Erick W. Leif Weather-Temp: Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	13:43	-22 "Hg	Start
	13:44	-22 "Hg	End
Sample	13:44	-30 "Hg	Start
	13:47	-20 "Hg	Okay
	13:52	-11 "Hg	Okay
	14:15	-7.5 "Hg	End

Location/comments: Parking lot, west of Fish Market

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking Lot, southeast of Fish Market Sample ID: SV-9 5'

Site name: Palo Alto Canister ID: C10042

Address: 3128-3170 El Camino Real, Palo Alto Time: 11:14

Field staff: Erick W. Leif Weather-Temp: Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building g

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	11:05	-25 "Hg	Start
	11:06	-25 "Hg	End
Sample	11:06	-30 "Hg	Start
	11:09	-19 "Hg	Okay
	11:14	-5 "Hg	End

Location/comments: Parking Lot, southeast of Fish Market

Leak Compound Used: Isopropyl Alcohol

Sample Location Form

Date: September 21, 2022 Project # 22-0013.01

Sample location: Parking Lot, southeast of Fish Market Sample ID: SV-9 15'

Site name: Palo Alto Canister ID: C10403

Address: 3128-3170 El Camino Real, Palo Alto Time: 11:35

Field staff: Erick W. Leif Weather-Temp: Cloudy 60s

Sample type: ☐ Indoor ☐ Outdoor ☒ Soil Vapor at Depth:

Duration: ☒ Grab ☐ 8-hour ☐ 24-hour Flow rate: Approximately 150 ml/min

Canister type: ☒ 1.4-Liter ☐ 6-Liter ☐ Other:

Fuel use in building: ☐ Natural gas ☐ Electric ☐ Other: NA sample not collected in building

Indoor Mechanical Ventilation? ☐ Yes ☐ No Notes: N/A Sample not collected in building

	Time	Canister Vacuum	Notes
Line Purge	11:14	-25 "Hg	Start
	11:15	-25 "Hg	End
Sample	11:16	-39 "Hg	Start
	11:19	-21 "Hg	Okay
	11:22	-15 "Hg	Okay
	11:32	-9 "Hg	Okay
	11:35	-5 "Hg	End

Location/comments: Parking Lot, southeast of Fish Market

Leak Compound Used: Isopropyl Alcohol

APPENDIX C

INVESTIGATION DERIVED WASTE DISPOSAL DOCUMENTATION

IWM, Inc.

INTEGRATED WASTESTREAM MANAGEMENT, INC.
950 AMES AVENUE, MILPITAS, CA 95035
PHONE: 408.433.1990

CERTIFICATE OF DISPOSAL

Generator Name:	Acclaim Companies	Facility Name:	El Camino Disposal (Fish Market)
Address:	125 Willow Road	Address:	3128-3150-3160 El Camino Real
	Menlo Park, CA 94025		Palo Alto, CA
Contact:	Gary Jonson	Facility Contact:	Erick Lief, Rosso Environmental Inc
Phone:	650-622-2107	Phone:	510-388-8440 (c)

IWM Job #:	100740-DS
Description of Waste:	1 Drum(s) of Non-Hazardous Soil
Removal Date:	11/16/22
Ticket #:	RSVRL161122

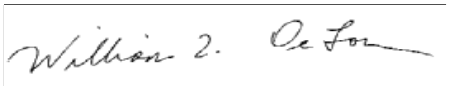
Transporter Information

Name:	IWM, Inc.
Address:	950 Ames Avenue
	Milpitas, CA 95035
Phone:	(408) 942-8941

Disposal Facility Information

Name:	Republic Services Vasco Road Landfill
Address:	4001 N. Vasco Road
	Livermore, CA 94550
Phone:	(925) 447-0491

IWM, INC. CERTIFIES THAT THE ABOVE LISTED NON-HAZARDOUS WASTE WILL BE TREATED AND DISPOSED AT THE DESIGNATED FACILITY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

William T. DeLon  11/16/22

Authorized Representative (Print Name and Signature) Date

APPENDIX D

LICENSED SURVEY REPORT

Virgil Chavez Land Surveying
1100 Rose Drive, Suite 250
Benicia, California 94510
(707) 553-2476 • virgilc@vcsurveying.com

October 5, 2022
Project No.: 4095-11

Jeremy Wilson
Rosso Environmental, Inc.
P.O. Box 1923
Lafayette, Ca. 94549

Subject: Monitoring Well Survey
3128-3170 El Camino Real
Palo Alto, CA

Dear Jeremy:

This is to confirm that we have proceeded at your request to survey the sample locations at the above referenced location. The survey was completed on September 21, 2022. The benchmark for this survey was a brass cap set in the bike path southeast of the intersection of Willow Rd. & Hwy 84. The latitude, longitude and coordinates are based on the CSCS, Zone III (NAD83) (Epoch 2017.50). Benchmark Elevation = 9.3 feet (NAVD 88)

Latitude	Longitude	Northing	Easting	Elev.	Desc.
37.4214594	-122.1397373	1980100.02	6085516.33	39.45	B1,SV1-GW1
37.4209747	-122.1399827	1979924.84	6085441.98	41.41	B2,SV2-GW2
37.4210051	-122.1386776	1979929.26	6085821.14	37.65	B3,SV3-GW3
37.4205388	-122.1390687	1979761.47	6085704.59	38.48	B4,SV4-GW4
37.4213464	-122.1398372	1980059.38	6085486.61	39.85	B5
37.4212892	-122.1398819	1980038.79	6085473.27	40.03	B6
37.4213488	-122.1394606	1980058.34	6085595.98	40.51	B7
37.4212981	-122.1396481	1980040.83	6085541.21	40.41	B8
37.4210803	-122.1397253	1979961.97	6085517.41	41.04	B9
37.4208933	-122.1398346	1979894.43	6085484.48	41.67	B10
37.4212860	-122.1392564	1980034.44	6085654.86	40.10	B11
37.4211037	-122.1393612	1979968.62	6085623.25	40.45	B12
37.4209810	-122.1394673	1979924.51	6085591.69	40.65	B13
37.4207799	-122.1396337	1979852.14	6085542.07	40.99	B14
37.4211876	-122.1390268	1979997.45	6085720.89	37.58	B15/SV6
37.4210377	-122.1391460	1979943.49	6085685.33	37.78	B16
37.4208572	-122.1392922	1979878.53	6085641.74	38.31	B17
37.4206988	-122.1394469	1979821.64	6085595.79	38.53	B18/SV8
37.4211582	-122.1387876	1979985.53	6085790.16	37.35	B19
37.4207310	-122.1391200	1979831.73	6085690.93	38.32	B20
37.4206585	-122.1393094	1979806.29	6085635.46	38.38	B21
37.4208120	-122.1388407	1979859.79	6085772.52	38.10	B22
37.4206501	-122.1389516	1979801.40	6085739.29	38.57	B23/SV9
37.4213317	-122.1398477	1980054.11	6085483.45	39.96	SV5
37.4209358	-122.1392568	1979906.97	6085652.51	38.18	SV7

Sincerely,

Virgil D. Chavez, PLS 6323

APPENDIX E

LABORATORY ANALYTICAL REPORTS

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number:	469472
Report Level:	II
Report Date:	09/28/2022

Analytical Report *prepared for:*

Jeremy Wilson
Rosso Environmental, Inc.
PO Box 1923
Lafayette, CA 94549

Project: 22-0013.01 - Palo Alto

Authorized for release by:

Sophia Baughman, Project Manager
sophia.baughman@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Jeremy Wilson
Rosso Environmental, Inc.
PO Box 1923
Lafayette, CA 94549

Lab Job #:	469472
Project No:	22-0013.01
Location:	Palo Alto
Date Received:	09/21/22

Sample ID	Lab ID	Collected	Matrix
B1-1.5'	469472-001	09/20/22 08:46	Soil
B3-1.5'	469472-002	09/20/22 12:11	Soil
B4-2.0'	469472-003	09/20/22 11:21	Soil
SV5-1.0'	469472-004	09/20/22 10:01	Soil
SV7-1.5'	469472-005	09/21/22 09:11	Soil
B15-1.5'	469472-006	09/21/22 08:31	Soil
B16-1.0'	469472-007	09/21/22 09:03	Soil
B18-1.0'	469472-008	09/21/22 14:11	Soil
B19-1.0'	469472-009	09/21/22 08:25	Soil

ENTHALPY ANALYTICAL

Case Narrative

Rosso Environmental, Inc. PO Box 1923 Lafayette, CA 94549 Jeremy Wilson	Lab Job Number: 469472 Project No: 22-0013.01 Location: Palo Alto Date Received: 09/21/22

This data package contains sample and QC results for nine soil samples, requested for the above referenced project on 09/21/22. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

- Low recoveries were observed for diesel C10-C28 in the MS/MSD of SV7-1.5' (lab # 469472-005); the LCS was within limits, the associated RPD was within limits, and these low recoveries were not associated with any reported results.
- B1-1.5' (lab # 469472-001), B4-2.0' (lab # 469472-003), and SV7-1.5' (lab # 469472-005) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- Low recoveries were observed for acenaphthylene, dibenz(a,h)anthracene, and naphthalene in the MS/MSD of B1-1.5' (lab # 469472-001); the LCS was within limits, and the associated RPDs were within limits.
- A number of samples were diluted due to the dark and viscous nature of the sample extracts.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- Low recovery was observed for endrin ketone in the MSD for batch 297628; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

PCBs (EPA 8082):

- High surrogate recovery was observed for decachlorobiphenyl (PCB) in B3-1.5' (lab # 469472-002); no target analytes were detected in the sample.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- High response was observed for silver in the CCV analyzed 09/26/22 12:59; affected data was qualified with "b".
- High drifts were observed for silver and copper in the ICSAB analyzed 09/26/22 12:19; affected data was qualified with "b".
- Low recoveries were observed for antimony in the MS/MSD for batch 297587; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- Low recoveries were observed for antimony in the MS/MSD of SV7-1.5' (lab # 469472-005); the LCS was within limits, and the associated RPD was within limits. High recovery was observed for copper in the MSD of SV7-1.5' (lab # 469472-005); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

CHAIN OF CUSTODY

ENTHALPY ANALYTICAL
Formerly Curtis & Tompkins Labs
2323 Fifth Street
Berkeley, CA 94710
Phone (510) 486-0900
Fax (510) 486-0532

Chain of Custody # _____

C&T LOGIN # 469472

Project No: 22-0013.01
Project Name: Palo Alto
Project P. O. No:
EDD Format: Report Level ☐ II ☐ III ☐ IV
Turnaround Time: ☐ RUSH _____ ☒ Standard

Sampler: J. Wilson
Report To: J. Wilson
Company: Rosso
Telephone: 415-583-9069
Email: jwilson@rossoenv.com

Lab No.	Sample ID.	SAMPLING Date Collected	SAMPLING Time Collected	MATRIX Water	MATRIX Solid	# of Containers	CHEMICAL PRESERVATIVE HCl	H2SO4	HNO3	NaOH	None	ANALYTICAL REQUEST: VOCs 8260 Prep 5035	TPH-g, d, oil 8015	PAHs 8270 SIM	OCPs 8081	PCBs 8082	CAM 17 Metals 6010/7000
	B1-1.5'	9-20-22	846		X	5						X	X	X	X	X	X
	B3-1.5'	9-20-22	1211		X	5						X	X	X	X	X	X
	B4-2.0'	9.20.22	1121		X	5						X	X	X	X	X	X
	SV5-1.0'	9.20.22	1001		X	5						X	X	X	X	X	X
	SV7-1.5'	9.21-22	911		X	5						X	X	X	X	X	X
	B15-1.5'	9.21-22	831		X	5						X	X	X	X	X	X
	B16-1.0'	9.21.22	903		X	5						X	X	X	X	X	X
	B18-1.0'	9.20.22	1411		X	5						X	X	X	X	X	X
	B19-1.0'	9.21-22	825		X	5						X	X	X	X	X	X

Notes:

SAMPLE RECEIPT
☐ Intact
☐ Cold
☐ On Ice
☐ Ambient

RELINQUISHED BY:
9-21-22 DATE: 1650 TIME:
9/22/22 DATE: 11:34 TIME:
DATE: TIME:

RECEIVED BY:
9/21/22 DATE: 1650 TIME:
9/22/2022 DATE: 8:41 TIME:
DATE: TIME:

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 469472 Client: Rosso

Date Received: 9/21/22 Project: _____

ENTHALPY

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☑ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☑ Yes, how many? 1 ☐ No **(skip Section 3 below)**

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 9/21/22 By (print) MY (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☑ Foam blocks, ☐ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☐ Samples received on ice directly from the field. Cooling process had begun

Type of ice used: ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: 2.2, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer?			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			✓
Was the client contacted concerning this sample delivery?		✓	
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged In 9/21/22 **By (print)** MY **(sign)** _____

Date Labeled 9/21/22 **By (print)** MY **(sign)** _____

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: ROSSO Project: Palo Alto

Date Received: 9/22/2022 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler) :_____

Sample Temp (°C), One from each cooler: #1: 5.4 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Greyhound

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☑ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 3.2 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials:_____ Date/Time_____

☐ Email (email sent to/on):_____/_____

Project Manager's response:

Completed By: N yanin Date: 9/22/2022

LOS ANGELES, CA

STD PPD

21SEP22 06:35P

** LABEL **

Pcs: 2 of 3

Schd: GLI 6849

From: LOS ANGELES, CA
ENTHALPY ANALYTICAL
000-000-0000

RECV: ENTHALPY ANALYTICAL
931 W. BARKLEY AVE

ORANGE, CA 92868
Phone: 925-487-8029
Standard

Agency Phone: (213) 629-8420

GLI 3090382691

Manual Wght:
149.0
Tariff Wght:
150.0

WW

PACKAGE EXPRESS

A8672368B

LBLBC-GPX (REV 11/19)

B.L 15.4

ENTHALPY ANALYTICAL

Gasoline by GC/FID (5035 Prep)

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B1-1.5' **Diln Fac:** 0.7172 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297754 **Analysis:** EPA 8015B
Lab ID: 469472-001 **Sampled:** 09/20/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/21/22
Basis: as received **Analyzed:** 09/27/22

469472-001 Analyte	Result	RL	Units
TPH Gasoline	ND	2.2	mg/Kg

469472-001 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	60-140

Field ID: B3-1.5' **Diln Fac:** 0.6553 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297754 **Analysis:** EPA 8015B
Lab ID: 469472-002 **Sampled:** 09/20/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/21/22
Basis: as received **Analyzed:** 09/27/22

469472-002 Analyte	Result	RL	Units
TPH Gasoline	ND	2.0	mg/Kg

469472-002 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	60-140

Field ID: B4-2.0' **Diln Fac:** 0.7949 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297754 **Analysis:** EPA 8015B
Lab ID: 469472-003 **Sampled:** 09/20/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/21/22
Basis: as received **Analyzed:** 09/27/22

469472-003 Analyte	Result	RL	Units
TPH Gasoline	ND	2.4	mg/Kg

469472-003 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	84	60-140

Field ID: SV5-1.0' **Diln Fac:** 0.7407 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297754 **Analysis:** EPA 8015B
Lab ID: 469472-004 **Sampled:** 09/20/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/21/22
Basis: as received **Analyzed:** 09/27/22

469472-004 Analyte	Result	RL	Units
TPH Gasoline	ND	2.2	mg/Kg

469472-004 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	86	60-140

ENTHALPY ANALYTICAL

Gasoline by GC/FID (5035 Prep)

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: SV7-1.5' **Diln Fac:** 0.7163 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297754 **Analysis:** EPA 8015B
Lab ID: 469472-005 **Sampled:** 09/21/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/21/22
Basis: as received **Analyzed:** 09/27/22

469472-005 Analyte	Result	RL	Units
TPH Gasoline	ND	2.1	mg/Kg

469472-005 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	60-140

Field ID: B15-1.5' **Diln Fac:** 0.7485 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297754 **Analysis:** EPA 8015B
Lab ID: 469472-006 **Sampled:** 09/21/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/21/22
Basis: as received **Analyzed:** 09/27/22

469472-006 Analyte	Result	RL	Units
TPH Gasoline	ND	2.2	mg/Kg

469472-006 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	86	60-140

Field ID: B16-1.0' **Diln Fac:** 0.7062 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297754 **Analysis:** EPA 8015B
Lab ID: 469472-007 **Sampled:** 09/21/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/21/22
Basis: as received **Analyzed:** 09/27/22

469472-007 Analyte	Result	RL	Units
TPH Gasoline	ND	2.1	mg/Kg

469472-007 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	60-140

Field ID: B18-1.0' **Diln Fac:** 0.7564 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297754 **Analysis:** EPA 8015B
Lab ID: 469472-008 **Sampled:** 09/21/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/21/22
Basis: as received **Analyzed:** 09/27/22

469472-008 Analyte	Result	RL	Units
TPH Gasoline	ND	2.3	mg/Kg

469472-008 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	60-140

ENTHALPY ANALYTICAL

Gasoline by GC/FID (5035 Prep)

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B19-1.0' **Diln Fac:** 0.7236 **Prep:** EPA 5035

Type: SAMPLE **Batch#:** 297754 **Analysis:** EPA 8015B

Lab ID: 469472-009 **Sampled:** 09/21/22 **Analyst:** EMW

Matrix: Soil **Received:** 09/21/22

Basis: as received **Analyzed:** 09/27/22

469472-009 Analyte	Result	RL	Units
TPH Gasoline	ND	2.2	mg/Kg

469472-009 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	82	60-140

Type: BLANK **Diln Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015380 **Batch#:** 297754 **Analysis:** EPA 8015B

Matrix: Soil **Analyzed:** 09/27/22 **Analyst:** EMW

QC1015380 Analyte	Result	RL	Units
TPH Gasoline	ND	3.0	mg/Kg

QC1015380 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	60-140

Type: BLANK **Diln Fac:** 25.00 **Prep:** EPA 5035

Lab ID: QC1015381 **Batch#:** 297754 **Analysis:** EPA 8015B

Matrix: Soil **Analyzed:** 09/27/22 **Analyst:** EMW

QC1015381 Analyte	Result	RL	Units
TPH Gasoline	ND	75	mg/Kg

QC1015381 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	60-140

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Gasoline by GC/FID (5035 Prep): Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015378 **Batch#:** 297754 **Analysis:** EPA 8015B

Matrix: Soil **Analyzed:** 09/27/22 **Analyst:** EMW

QC1015378 Analyte	Spiked	Result	%REC	Limits	Units
TPH Gasoline	5.000	5.434	109	70-130	mg/Kg

QC1015378 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	125	60-140

Type: BSD **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015379 **Batch#:** 297754 **Analysis:** EPA 8015B

Matrix: Soil **Analyzed:** 09/27/22 **Analyst:** EMW

QC1015379 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
TPH Gasoline	5.000	5.326	107	70-130	mg/Kg	2	20

QC1015379 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	124	60-140

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B1-1.5'	**Dil'n Fac:**	5.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297605	**Prep:**	EPA 3580
Lab ID:	469472-001	**Sampled:**	09/20/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469472-001 Analyte	**Result**	**RL**	**Units**
DRO C10-C28	**100**	50	mg/Kg
ORO C28-C44	**200**	99	mg/Kg

469472-001 Surrogate	**%REC**	**Limits**
n-Triacontane	126	70-130

Field ID:	B3-1.5'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297605	**Prep:**	EPA 3580
Lab ID:	469472-002	**Sampled:**	09/20/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469472-002 Analyte	**Result**	**RL**	**Units**
DRO C10-C28	ND	9.9	mg/Kg
ORO C28-C44	ND	20	mg/Kg

469472-002 Surrogate	**%REC**	**Limits**
n-Triacontane	86	70-130

Field ID:	B4-2.0'	**Dil'n Fac:**	5.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297605	**Prep:**	EPA 3580
Lab ID:	469472-003	**Sampled:**	09/20/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469472-003 Analyte	**Result**	**RL**	**Units**
DRO C10-C28	**77**	50	mg/Kg
ORO C28-C44	**230**	100	mg/Kg

469472-003 Surrogate	**%REC**	**Limits**
n-Triacontane	93	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV5-1.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297605	**Prep:**	EPA 3580
Lab ID:	469472-004	**Sampled:**	09/20/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469472-004 Analyte	Result	RL	Units
DRO C10-C28	**25**	9.9	mg/Kg
ORO C28-C44	**35**	20	mg/Kg

469472-004 Surrogate	%REC	Limits
n-Triacontane	100	70-130

Field ID:	SV7-1.5'	**Dil'n Fac:**	5.000	**Analyzed:**	09/26/22
Type:	SAMPLE	**Batch#:**	297698	**Prep:**	EPA 3580
Lab ID:	469472-005	**Sampled:**	09/21/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/26/22		

469472-005 Analyte	Result	RL	Units
DRO C10-C28	**210**	50	mg/Kg
ORO C28-C44	**570**	100	mg/Kg

469472-005 Surrogate	%REC	Limits
n-Triacontane	77	70-130

Field ID:	B15-1.5'	**Dil'n Fac:**	1.000	**Analyzed:**	09/26/22
Type:	SAMPLE	**Batch#:**	297698	**Prep:**	EPA 3580
Lab ID:	469472-006	**Sampled:**	09/21/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/26/22		

469472-006 Analyte	Result	RL	Units
DRO C10-C28	ND	9.9	mg/Kg
ORO C28-C44	ND	20	mg/Kg

469472-006 Surrogate	%REC	Limits
n-Triacontane	83	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B16-1.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/26/22
Type:	SAMPLE	**Batch#:**	297698	**Prep:**	EPA 3580
Lab ID:	469472-007	**Sampled:**	09/21/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/26/22		

469472-007 Analyte	Result	RL	Units
DRO C10-C28	**38**	9.9	mg/Kg
ORO C28-C44	**100**	20	mg/Kg

469472-007 Surrogate	%REC	Limits
n-Triacontane	85	70-130

Field ID:	B18-1.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/26/22
Type:	SAMPLE	**Batch#:**	297698	**Prep:**	EPA 3580
Lab ID:	469472-008	**Sampled:**	09/21/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/26/22		

469472-008 Analyte	Result	RL	Units
DRO C10-C28	ND	9.9	mg/Kg
ORO C28-C44	ND	20	mg/Kg

469472-008 Surrogate	%REC	Limits
n-Triacontane	73	70-130

Field ID:	B19-1.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/26/22
Type:	SAMPLE	**Batch#:**	297698	**Prep:**	EPA 3580
Lab ID:	469472-009	**Sampled:**	09/21/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/26/22		

469472-009 Analyte	Result	RL	Units
DRO C10-C28	ND	9.9	mg/Kg
ORO C28-C44	**37**	20	mg/Kg

469472-009 Surrogate	%REC	Limits
n-Triacontane	79	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	BLANK	**Batch#:**	297605	**Analysis:**	EPA 8015M
Lab ID:	QC1014868	**Prepared:**	09/23/22	**Analyst:**	MES
Matrix:	Soil	**Analyzed:**	09/23/22		
Dil n Fac:	1.000	**Prep:**	EPA 3580		

QC1014868 Analyte	Result	RL	Units
DRO C10-C28	ND	10	mg/Kg
ORO C28-C44	ND	20	mg/Kg

QC1014868 Surrogate	%REC	Limits
n-Triacontane	94	70-130

Type:	BLANK	**Batch#:**	297698	**Analysis:**	EPA 8015M
Lab ID:	QC1015205	**Prepared:**	09/26/22	**Analyst:**	MES
Matrix:	Soil	**Analyzed:**	09/26/22		
Dil n Fac:	1.000	**Prep:**	EPA 3580		

QC1015205 Analyte	Result	RL	Units
DRO C10-C28	ND	9.9	mg/Kg
ORO C28-C44	ND	20	mg/Kg

QC1015205 Surrogate	%REC	Limits
n-Triacontane	71	70-130

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Extractable Carbon Chain: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	LCS	**Batch#:**	297605	**Analysis:**	EPA 8015M
Lab ID:	QC1014869	**Prepared:**	09/23/22	**Analyst:**	MES
Matrix:	Soil	**Analyzed:**	09/23/22		
DiIn Fac:	1.000	**Prep:**	EPA 3580		

QC1014869 Analyte	Spiked	Result	%REC	Limits	Units
Diesel C10-C28	247.8	226.9	92	76-122	mg/Kg

QC1014869 Surrogate	%REC	Limits
n-Triacontane	98	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MS	**Diln Fac:**	25.00	**Analyzed:**	09/23/22
MSS Lab ID:	469412-001	**Batch#:**	297605	**Prep:**	EPA 3580
Lab ID:	QC1014870	**Sampled:**	09/20/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES

QC1014870 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units	Qual
Diesel C10-C28	14,910	247.6	12,450	-993	62-126	mg/Kg	NM

QC1014870 Surrogate	%REC	Limits
n-Triacontane	DO	70-130

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MSD	**Diln Fac:**	25.00	**Analyzed:**	09/23/22
MSS Lab ID:	469412-001	**Batch#:**	297605	**Prep:**	EPA 3580
Lab ID:	QC1014871	**Sampled:**	09/20/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES

QC1014871 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim	Qual
Diesel C10-C28	249.5	10,370	-1821	62-126	mg/Kg	18	35	NM

QC1014871 Surrogate	%REC	Limits
n-Triacontane	DO	70-130

Legend

DO: Diluted Out

NM: Not Meaningful

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Extractable Carbon Chain: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	LCS	**Batch#:**	297698	**Analysis:**	EPA 8015M
Lab ID:	QC1015206	**Prepared:**	09/26/22	**Analyst:**	MES
Matrix:	Soil	**Analyzed:**	09/26/22		
DiIn Fac:	1.000	**Prep:**	EPA 3580		

QC1015206 Analyte	Spiked	Result	%REC	Limits	Units
Diesel C10-C28	249.4	218.3	88	76-122	mg/Kg

QC1015206 Surrogate	%REC	Limits
n-Triacontane	74	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV7-1.5'	**Basis:**	as received	**Prepared:**	09/26/22
Type:	MS	**Diln Fac:**	1.000	**Analyzed:**	09/26/22
MSS Lab ID:	469472-005	**Batch#:**	297698	**Prep:**	EPA 3580
Lab ID:	QC1015253	**Sampled:**	09/21/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES

QC1015253 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Diesel C10-C28	208.9	249.9	255.8	19 *	62-126	mg/Kg

QC1015253 Surrogate	%REC	Limits
n-Triacontane	89	70-130

Field ID:	SV7-1.5'	**Basis:**	as received	**Prepared:**	09/26/22
Type:	MSD	**Diln Fac:**	1.000	**Analyzed:**	09/26/22
MSS Lab ID:	469472-005	**Batch#:**	297698	**Prep:**	EPA 3580
Lab ID:	QC1015254	**Sampled:**	09/21/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	MES

QC1015254 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Diesel C10-C28	248.4	261.5	21 *	62-126	mg/Kg	3	35

QC1015254 Surrogate	%REC	Limits
n-Triacontane	89	70-130

Legend

*: Value is outside QC limits

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B1-1.5'	**DiIn Fac:**	0.7728	**Analyzed:**	09/24/22
Lab ID:	469472-001	**Batch#:**	297661	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/20/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/21/22	**Analyst:**	LYZ

469472-001 Analyte	Result	RL	Units
Freon 12	ND	3.9	ug/Kg
Chloromethane	ND	3.9	ug/Kg
Vinyl Chloride	ND	3.9	ug/Kg
Bromomethane	ND	3.9	ug/Kg
Chloroethane	ND	3.9	ug/Kg
Trichlorofluoromethane	ND	3.9	ug/Kg
Acetone	ND	77	ug/Kg
Freon 113	ND	3.9	ug/Kg
1,1-Dichloroethene	ND	3.9	ug/Kg
Methylene Chloride	ND	3.9	ug/Kg
MTBE	ND	3.9	ug/Kg
trans-1,2-Dichloroethene	ND	3.9	ug/Kg
1,1-Dichloroethane	ND	3.9	ug/Kg
2-Butanone	ND	77	ug/Kg
cis-1,2-Dichloroethene	ND	3.9	ug/Kg
2,2-Dichloropropane	ND	3.9	ug/Kg
Chloroform	ND	3.9	ug/Kg
Bromochloromethane	ND	3.9	ug/Kg
1,1,1-Trichloroethane	ND	3.9	ug/Kg
1,1-Dichloropropene	ND	3.9	ug/Kg
Carbon Tetrachloride	ND	3.9	ug/Kg
1,2-Dichloroethane	ND	3.9	ug/Kg
Benzene	ND	3.9	ug/Kg
Trichloroethene	ND	3.9	ug/Kg
1,2-Dichloropropane	ND	3.9	ug/Kg
Bromodichloromethane	ND	3.9	ug/Kg
Dibromomethane	ND	3.9	ug/Kg
4-Methyl-2-Pentanone	ND	3.9	ug/Kg
cis-1,3-Dichloropropene	ND	3.9	ug/Kg
Toluene	ND	3.9	ug/Kg
trans-1,3-Dichloropropene	ND	3.9	ug/Kg
1,1,2-Trichloroethane	ND	3.9	ug/Kg
1,3-Dichloropropane	ND	3.9	ug/Kg
Tetrachloroethene	ND	3.9	ug/Kg
Dibromochloromethane	ND	3.9	ug/Kg
1,2-Dibromoethane	ND	3.9	ug/Kg
Chlorobenzene	ND	3.9	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.9	ug/Kg
Ethylbenzene	ND	3.9	ug/Kg
m,p-Xylenes	ND	7.7	ug/Kg
o-Xylene	ND	3.9	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469472-001 Analyte	Result	RL	Units
Styrene	ND	3.9	ug/Kg
Bromoform	ND	3.9	ug/Kg
Isopropylbenzene	ND	3.9	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.9	ug/Kg
1,2,3-Trichloropropane	ND	3.9	ug/Kg
Propylbenzene	ND	3.9	ug/Kg
Bromobenzene	ND	3.9	ug/Kg
1,3,5-Trimethylbenzene	ND	3.9	ug/Kg
2-Chlorotoluene	ND	3.9	ug/Kg
4-Chlorotoluene	ND	3.9	ug/Kg
tert-Butylbenzene	ND	3.9	ug/Kg
1,2,4-Trimethylbenzene	ND	3.9	ug/Kg
sec-Butylbenzene	ND	3.9	ug/Kg
para-Isopropyl Toluene	ND	3.9	ug/Kg
1,3-Dichlorobenzene	ND	3.9	ug/Kg
1,4-Dichlorobenzene	ND	3.9	ug/Kg
n-Butylbenzene	ND	3.9	ug/Kg
1,2-Dichlorobenzene	ND	3.9	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.9	ug/Kg
1,2,4-Trichlorobenzene	ND	3.9	ug/Kg
Hexachlorobutadiene	ND	3.9	ug/Kg
Naphthalene	ND	3.9	ug/Kg
1,2,3-Trichlorobenzene	ND	3.9	ug/Kg

469472-001 Surrogate	%REC	Limits
Dibromofluoromethane	109	70-145
1,2-Dichloroethane-d4	102	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	100	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B3-1.5'	**DiIn Fac:**	0.8170	**Analyzed:**	09/24/22
Lab ID:	469472-002	**Batch#:**	297661	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/20/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/21/22	**Analyst:**	LYZ

469472-002 Analyte	Result	RL	Units
Freon 12	ND	4.1	ug/Kg
Chloromethane	ND	4.1	ug/Kg
Vinyl Chloride	ND	4.1	ug/Kg
Bromomethane	ND	4.1	ug/Kg
Chloroethane	ND	4.1	ug/Kg
Trichlorofluoromethane	ND	4.1	ug/Kg
Acetone	ND	82	ug/Kg
Freon 113	ND	4.1	ug/Kg
1,1-Dichloroethene	ND	4.1	ug/Kg
Methylene Chloride	ND	4.1	ug/Kg
MTBE	ND	4.1	ug/Kg
trans-1,2-Dichloroethene	ND	4.1	ug/Kg
1,1-Dichloroethane	ND	4.1	ug/Kg
2-Butanone	ND	82	ug/Kg
cis-1,2-Dichloroethene	ND	4.1	ug/Kg
2,2-Dichloropropane	ND	4.1	ug/Kg
Chloroform	ND	4.1	ug/Kg
Bromochloromethane	ND	4.1	ug/Kg
1,1,1-Trichloroethane	ND	4.1	ug/Kg
1,1-Dichloropropene	ND	4.1	ug/Kg
Carbon Tetrachloride	ND	4.1	ug/Kg
1,2-Dichloroethane	ND	4.1	ug/Kg
Benzene	ND	4.1	ug/Kg
Trichloroethene	ND	4.1	ug/Kg
1,2-Dichloropropane	ND	4.1	ug/Kg
Bromodichloromethane	ND	4.1	ug/Kg
Dibromomethane	ND	4.1	ug/Kg
4-Methyl-2-Pentanone	ND	4.1	ug/Kg
cis-1,3-Dichloropropene	ND	4.1	ug/Kg
Toluene	ND	4.1	ug/Kg
trans-1,3-Dichloropropene	ND	4.1	ug/Kg
1,1,2-Trichloroethane	ND	4.1	ug/Kg
1,3-Dichloropropane	ND	4.1	ug/Kg
Tetrachloroethene	ND	4.1	ug/Kg
Dibromochloromethane	ND	4.1	ug/Kg
1,2-Dibromoethane	ND	4.1	ug/Kg
Chlorobenzene	ND	4.1	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.1	ug/Kg
Ethylbenzene	ND	4.1	ug/Kg
m,p-Xylenes	ND	8.2	ug/Kg
o-Xylene	ND	4.1	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469472-002 Analyte	Result	RL	Units
Styrene	ND	4.1	ug/Kg
Bromoform	ND	4.1	ug/Kg
Isopropylbenzene	ND	4.1	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.1	ug/Kg
1,2,3-Trichloropropane	ND	4.1	ug/Kg
Propylbenzene	ND	4.1	ug/Kg
Bromobenzene	ND	4.1	ug/Kg
1,3,5-Trimethylbenzene	ND	4.1	ug/Kg
2-Chlorotoluene	ND	4.1	ug/Kg
4-Chlorotoluene	ND	4.1	ug/Kg
tert-Butylbenzene	ND	4.1	ug/Kg
1,2,4-Trimethylbenzene	ND	4.1	ug/Kg
sec-Butylbenzene	ND	4.1	ug/Kg
para-Isopropyl Toluene	ND	4.1	ug/Kg
1,3-Dichlorobenzene	ND	4.1	ug/Kg
1,4-Dichlorobenzene	ND	4.1	ug/Kg
n-Butylbenzene	ND	4.1	ug/Kg
1,2-Dichlorobenzene	ND	4.1	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.1	ug/Kg
1,2,4-Trichlorobenzene	ND	4.1	ug/Kg
Hexachlorobutadiene	ND	4.1	ug/Kg
Naphthalene	ND	4.1	ug/Kg
1,2,3-Trichlorobenzene	ND	4.1	ug/Kg

469472-002 Surrogate	%REC	Limits
Dibromofluoromethane	112	70-145
1,2-Dichloroethane-d4	103	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	101	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B4-2.0'	**Dil'n Fac:**	0.7225	**Analyzed:**	09/24/22
Lab ID:	469472-003	**Batch#:**	297661	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/20/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/21/22	**Analyst:**	LYZ

469472-003 Analyte	Result	RL	Units
Freon 12	ND	3.6	ug/Kg
Chloromethane	ND	3.6	ug/Kg
Vinyl Chloride	ND	3.6	ug/Kg
Bromomethane	ND	3.6	ug/Kg
Chloroethane	ND	3.6	ug/Kg
Trichlorofluoromethane	ND	3.6	ug/Kg
Acetone	ND	72	ug/Kg
Freon 113	ND	3.6	ug/Kg
1,1-Dichloroethene	ND	3.6	ug/Kg
Methylene Chloride	ND	3.6	ug/Kg
MTBE	ND	3.6	ug/Kg
trans-1,2-Dichloroethene	ND	3.6	ug/Kg
1,1-Dichloroethane	ND	3.6	ug/Kg
2-Butanone	ND	72	ug/Kg
cis-1,2-Dichloroethene	ND	3.6	ug/Kg
2,2-Dichloropropane	ND	3.6	ug/Kg
Chloroform	ND	3.6	ug/Kg
Bromochloromethane	ND	3.6	ug/Kg
1,1,1-Trichloroethane	ND	3.6	ug/Kg
1,1-Dichloropropene	ND	3.6	ug/Kg
Carbon Tetrachloride	ND	3.6	ug/Kg
1,2-Dichloroethane	ND	3.6	ug/Kg
Benzene	ND	3.6	ug/Kg
Trichloroethene	ND	3.6	ug/Kg
1,2-Dichloropropane	ND	3.6	ug/Kg
Bromodichloromethane	ND	3.6	ug/Kg
Dibromomethane	ND	3.6	ug/Kg
4-Methyl-2-Pentanone	ND	3.6	ug/Kg
cis-1,3-Dichloropropene	ND	3.6	ug/Kg
Toluene	ND	3.6	ug/Kg
trans-1,3-Dichloropropene	ND	3.6	ug/Kg
1,1,2-Trichloroethane	ND	3.6	ug/Kg
1,3-Dichloropropane	ND	3.6	ug/Kg
Tetrachloroethene	ND	3.6	ug/Kg
Dibromochloromethane	ND	3.6	ug/Kg
1,2-Dibromoethane	ND	3.6	ug/Kg
Chlorobenzene	ND	3.6	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.6	ug/Kg
Ethylbenzene	ND	3.6	ug/Kg
m,p-Xylenes	ND	7.2	ug/Kg
o-Xylene	ND	3.6	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469472-003 Analyte	Result	RL	Units
Styrene	ND	3.6	ug/Kg
Bromoform	ND	3.6	ug/Kg
Isopropylbenzene	ND	3.6	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg
1,2,3-Trichloropropane	ND	3.6	ug/Kg
Propylbenzene	ND	3.6	ug/Kg
Bromobenzene	ND	3.6	ug/Kg
1,3,5-Trimethylbenzene	ND	3.6	ug/Kg
2-Chlorotoluene	ND	3.6	ug/Kg
4-Chlorotoluene	ND	3.6	ug/Kg
tert-Butylbenzene	ND	3.6	ug/Kg
1,2,4-Trimethylbenzene	ND	3.6	ug/Kg
sec-Butylbenzene	ND	3.6	ug/Kg
para-Isopropyl Toluene	ND	3.6	ug/Kg
1,3-Dichlorobenzene	ND	3.6	ug/Kg
1,4-Dichlorobenzene	ND	3.6	ug/Kg
n-Butylbenzene	ND	3.6	ug/Kg
1,2-Dichlorobenzene	ND	3.6	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.6	ug/Kg
1,2,4-Trichlorobenzene	ND	3.6	ug/Kg
Hexachlorobutadiene	ND	3.6	ug/Kg
Naphthalene	ND	3.6	ug/Kg
1,2,3-Trichlorobenzene	ND	3.6	ug/Kg

469472-003 Surrogate	%REC	Limits
Dibromofluoromethane	110	70-145
1,2-Dichloroethane-d4	100	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	97	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV5-1.0'	**DiIn Fac:**	0.9960	**Analyzed:**	09/24/22
Lab ID:	469472-004	**Batch#:**	297661	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/20/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/21/22	**Analyst:**	LYZ

469472-004 Analyte	Result	RL	Units
Freon 12	ND	5.0	ug/Kg
Chloromethane	ND	5.0	ug/Kg
Vinyl Chloride	ND	5.0	ug/Kg
Bromomethane	ND	5.0	ug/Kg
Chloroethane	ND	5.0	ug/Kg
Trichlorofluoromethane	ND	5.0	ug/Kg
Acetone	ND	100	ug/Kg
Freon 113	ND	5.0	ug/Kg
1,1-Dichloroethene	ND	5.0	ug/Kg
Methylene Chloride	ND	5.0	ug/Kg
MTBE	ND	5.0	ug/Kg
trans-1,2-Dichloroethene	ND	5.0	ug/Kg
1,1-Dichloroethane	ND	5.0	ug/Kg
2-Butanone	ND	100	ug/Kg
cis-1,2-Dichloroethene	ND	5.0	ug/Kg
2,2-Dichloropropane	ND	5.0	ug/Kg
Chloroform	ND	5.0	ug/Kg
Bromochloromethane	ND	5.0	ug/Kg
1,1,1-Trichloroethane	ND	5.0	ug/Kg
1,1-Dichloropropene	ND	5.0	ug/Kg
Carbon Tetrachloride	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Trichloroethene	ND	5.0	ug/Kg
1,2-Dichloropropane	ND	5.0	ug/Kg
Bromodichloromethane	ND	5.0	ug/Kg
Dibromomethane	ND	5.0	ug/Kg
4-Methyl-2-Pentanone	ND	5.0	ug/Kg
cis-1,3-Dichloropropene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
trans-1,3-Dichloropropene	ND	5.0	ug/Kg
1,1,2-Trichloroethane	ND	5.0	ug/Kg
1,3-Dichloropropane	ND	5.0	ug/Kg
Tetrachloroethene	ND	5.0	ug/Kg
Dibromochloromethane	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Chlorobenzene	ND	5.0	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
m,p-Xylenes	ND	10	ug/Kg
o-Xylene	ND	5.0	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469472-004 Analyte	Result	RL	Units
Styrene	ND	5.0	ug/Kg
Bromoform	ND	5.0	ug/Kg
Isopropylbenzene	ND	5.0	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg
1,2,3-Trichloropropane	ND	5.0	ug/Kg
Propylbenzene	ND	5.0	ug/Kg
Bromobenzene	ND	5.0	ug/Kg
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg
2-Chlorotoluene	ND	5.0	ug/Kg
4-Chlorotoluene	ND	5.0	ug/Kg
tert-Butylbenzene	ND	5.0	ug/Kg
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg
sec-Butylbenzene	ND	5.0	ug/Kg
para-Isopropyl Toluene	ND	5.0	ug/Kg
1,3-Dichlorobenzene	ND	5.0	ug/Kg
1,4-Dichlorobenzene	ND	5.0	ug/Kg
n-Butylbenzene	ND	5.0	ug/Kg
1,2-Dichlorobenzene	ND	5.0	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.0	ug/Kg
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg
Hexachlorobutadiene	ND	5.0	ug/Kg
Naphthalene	ND	5.0	ug/Kg
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg

469472-004 Surrogate	%REC	Limits
Dibromofluoromethane	111	70-145
1,2-Dichloroethane-d4	101	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	98	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV7-1.5'	**Dil'n Fac:**	0.7452	**Analyzed:**	09/24/22
Lab ID:	469472-005	**Batch#:**	297661	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/21/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/21/22	**Analyst:**	LYZ

469472-005 Analyte	Result	RL	Units
Freon 12	ND	3.7	ug/Kg
Chloromethane	ND	3.7	ug/Kg
Vinyl Chloride	ND	3.7	ug/Kg
Bromomethane	ND	3.7	ug/Kg
Chloroethane	ND	3.7	ug/Kg
Trichlorofluoromethane	ND	3.7	ug/Kg
Acetone	ND	75	ug/Kg
Freon 113	ND	3.7	ug/Kg
1,1-Dichloroethene	ND	3.7	ug/Kg
Methylene Chloride	ND	3.7	ug/Kg
MTBE	ND	3.7	ug/Kg
trans-1,2-Dichloroethene	ND	3.7	ug/Kg
1,1-Dichloroethane	ND	3.7	ug/Kg
2-Butanone	ND	75	ug/Kg
cis-1,2-Dichloroethene	ND	3.7	ug/Kg
2,2-Dichloropropane	ND	3.7	ug/Kg
Chloroform	ND	3.7	ug/Kg
Bromochloromethane	ND	3.7	ug/Kg
1,1,1-Trichloroethane	ND	3.7	ug/Kg
1,1-Dichloropropene	ND	3.7	ug/Kg
Carbon Tetrachloride	ND	3.7	ug/Kg
1,2-Dichloroethane	ND	3.7	ug/Kg
Benzene	ND	3.7	ug/Kg
Trichloroethene	ND	3.7	ug/Kg
1,2-Dichloropropane	ND	3.7	ug/Kg
Bromodichloromethane	ND	3.7	ug/Kg
Dibromomethane	ND	3.7	ug/Kg
4-Methyl-2-Pentanone	ND	3.7	ug/Kg
cis-1,3-Dichloropropene	ND	3.7	ug/Kg
Toluene	ND	3.7	ug/Kg
trans-1,3-Dichloropropene	ND	3.7	ug/Kg
1,1,2-Trichloroethane	ND	3.7	ug/Kg
1,3-Dichloropropane	ND	3.7	ug/Kg
Tetrachloroethene	ND	3.7	ug/Kg
Dibromochloromethane	ND	3.7	ug/Kg
1,2-Dibromoethane	ND	3.7	ug/Kg
Chlorobenzene	ND	3.7	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.7	ug/Kg
Ethylbenzene	ND	3.7	ug/Kg
m,p-Xylenes	ND	7.5	ug/Kg
o-Xylene	ND	3.7	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469472-005 Analyte	Result	RL	Units
Styrene	ND	3.7	ug/Kg
Bromoform	ND	3.7	ug/Kg
Isopropylbenzene	ND	3.7	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.7	ug/Kg
1,2,3-Trichloropropane	ND	3.7	ug/Kg
Propylbenzene	ND	3.7	ug/Kg
Bromobenzene	ND	3.7	ug/Kg
1,3,5-Trimethylbenzene	ND	3.7	ug/Kg
2-Chlorotoluene	ND	3.7	ug/Kg
4-Chlorotoluene	ND	3.7	ug/Kg
tert-Butylbenzene	ND	3.7	ug/Kg
1,2,4-Trimethylbenzene	ND	3.7	ug/Kg
sec-Butylbenzene	ND	3.7	ug/Kg
para-Isopropyl Toluene	ND	3.7	ug/Kg
1,3-Dichlorobenzene	ND	3.7	ug/Kg
1,4-Dichlorobenzene	ND	3.7	ug/Kg
n-Butylbenzene	ND	3.7	ug/Kg
1,2-Dichlorobenzene	ND	3.7	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.7	ug/Kg
1,2,4-Trichlorobenzene	ND	3.7	ug/Kg
Hexachlorobutadiene	ND	3.7	ug/Kg
Naphthalene	ND	3.7	ug/Kg
1,2,3-Trichlorobenzene	ND	3.7	ug/Kg

469472-005 Surrogate	%REC	Limits
Dibromofluoromethane	112	70-145
1,2-Dichloroethane-d4	102	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	99	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B15-1.5'	**DiIn Fac:**	0.6623	**Analyzed:**	09/24/22
Lab ID:	469472-006	**Batch#:**	297661	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/21/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/21/22	**Analyst:**	LYZ

469472-006 Analyte	Result	RL	Units
Freon 12	ND	3.3	ug/Kg
Chloromethane	ND	3.3	ug/Kg
Vinyl Chloride	ND	3.3	ug/Kg
Bromomethane	ND	3.3	ug/Kg
Chloroethane	ND	3.3	ug/Kg
Trichlorofluoromethane	ND	3.3	ug/Kg
Acetone	ND	66	ug/Kg
Freon 113	ND	3.3	ug/Kg
1,1-Dichloroethene	ND	3.3	ug/Kg
Methylene Chloride	ND	3.3	ug/Kg
MTBE	ND	3.3	ug/Kg
trans-1,2-Dichloroethene	ND	3.3	ug/Kg
1,1-Dichloroethane	ND	3.3	ug/Kg
2-Butanone	ND	66	ug/Kg
cis-1,2-Dichloroethene	ND	3.3	ug/Kg
2,2-Dichloropropane	ND	3.3	ug/Kg
Chloroform	ND	3.3	ug/Kg
Bromochloromethane	ND	3.3	ug/Kg
1,1,1-Trichloroethane	ND	3.3	ug/Kg
1,1-Dichloropropene	ND	3.3	ug/Kg
Carbon Tetrachloride	ND	3.3	ug/Kg
1,2-Dichloroethane	ND	3.3	ug/Kg
Benzene	ND	3.3	ug/Kg
Trichloroethene	ND	3.3	ug/Kg
1,2-Dichloropropane	ND	3.3	ug/Kg
Bromodichloromethane	ND	3.3	ug/Kg
Dibromomethane	ND	3.3	ug/Kg
4-Methyl-2-Pentanone	ND	3.3	ug/Kg
cis-1,3-Dichloropropene	ND	3.3	ug/Kg
Toluene	ND	3.3	ug/Kg
trans-1,3-Dichloropropene	ND	3.3	ug/Kg
1,1,2-Trichloroethane	ND	3.3	ug/Kg
1,3-Dichloropropane	ND	3.3	ug/Kg
Tetrachloroethene	ND	3.3	ug/Kg
Dibromochloromethane	ND	3.3	ug/Kg
1,2-Dibromoethane	ND	3.3	ug/Kg
Chlorobenzene	ND	3.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.3	ug/Kg
Ethylbenzene	ND	3.3	ug/Kg
m,p-Xylenes	ND	6.6	ug/Kg
o-Xylene	ND	3.3	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469472-006 Analyte	Result	RL	Units
Styrene	ND	3.3	ug/Kg
Bromoform	ND	3.3	ug/Kg
Isopropylbenzene	ND	3.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg
1,2,3-Trichloropropane	ND	3.3	ug/Kg
Propylbenzene	ND	3.3	ug/Kg
Bromobenzene	ND	3.3	ug/Kg
1,3,5-Trimethylbenzene	ND	3.3	ug/Kg
2-Chlorotoluene	ND	3.3	ug/Kg
4-Chlorotoluene	ND	3.3	ug/Kg
tert-Butylbenzene	ND	3.3	ug/Kg
1,2,4-Trimethylbenzene	ND	3.3	ug/Kg
sec-Butylbenzene	ND	3.3	ug/Kg
para-Isopropyl Toluene	ND	3.3	ug/Kg
1,3-Dichlorobenzene	ND	3.3	ug/Kg
1,4-Dichlorobenzene	ND	3.3	ug/Kg
n-Butylbenzene	ND	3.3	ug/Kg
1,2-Dichlorobenzene	ND	3.3	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.3	ug/Kg
1,2,4-Trichlorobenzene	ND	3.3	ug/Kg
Hexachlorobutadiene	ND	3.3	ug/Kg
Naphthalene	ND	3.3	ug/Kg
1,2,3-Trichlorobenzene	ND	3.3	ug/Kg

469472-006 Surrogate	%REC	Limits
Dibromofluoromethane	113	70-145
1,2-Dichloroethane-d4	104	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	99	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B16-1.0'	**DiIn Fac:**	0.7032	**Analyzed:**	09/27/22
Lab ID:	469472-007	**Batch#:**	297745	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/21/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/21/22	**Analyst:**	LYZ

469472-007 Analyte	Result	RL	Units
Freon 12	ND	3.5	ug/Kg
Chloromethane	ND	3.5	ug/Kg
Vinyl Chloride	ND	3.5	ug/Kg
Bromomethane	ND	3.5	ug/Kg
Chloroethane	ND	3.5	ug/Kg
Trichlorofluoromethane	ND	3.5	ug/Kg
Acetone	ND	70	ug/Kg
Freon 113	ND	3.5	ug/Kg
1,1-Dichloroethene	ND	3.5	ug/Kg
Methylene Chloride	ND	3.5	ug/Kg
MTBE	ND	3.5	ug/Kg
trans-1,2-Dichloroethene	ND	3.5	ug/Kg
1,1-Dichloroethane	ND	3.5	ug/Kg
2-Butanone	ND	70	ug/Kg
cis-1,2-Dichloroethene	ND	3.5	ug/Kg
2,2-Dichloropropane	ND	3.5	ug/Kg
Chloroform	ND	3.5	ug/Kg
Bromochloromethane	ND	3.5	ug/Kg
1,1,1-Trichloroethane	ND	3.5	ug/Kg
1,1-Dichloropropene	ND	3.5	ug/Kg
Carbon Tetrachloride	ND	3.5	ug/Kg
1,2-Dichloroethane	ND	3.5	ug/Kg
Benzene	ND	3.5	ug/Kg
Trichloroethene	ND	3.5	ug/Kg
1,2-Dichloropropane	ND	3.5	ug/Kg
Bromodichloromethane	ND	3.5	ug/Kg
Dibromomethane	ND	3.5	ug/Kg
4-Methyl-2-Pentanone	ND	3.5	ug/Kg
cis-1,3-Dichloropropene	ND	3.5	ug/Kg
Toluene	ND	3.5	ug/Kg
trans-1,3-Dichloropropene	ND	3.5	ug/Kg
1,1,2-Trichloroethane	ND	3.5	ug/Kg
1,3-Dichloropropane	ND	3.5	ug/Kg
Tetrachloroethene	ND	3.5	ug/Kg
Dibromochloromethane	ND	3.5	ug/Kg
1,2-Dibromoethane	ND	3.5	ug/Kg
Chlorobenzene	ND	3.5	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.5	ug/Kg
Ethylbenzene	ND	3.5	ug/Kg
m,p-Xylenes	ND	7.0	ug/Kg
o-Xylene	ND	3.5	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469472-007 Analyte	Result	RL	Units
Styrene	ND	3.5	ug/Kg
Bromoform	ND	3.5	ug/Kg
Isopropylbenzene	ND	3.5	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg
1,2,3-Trichloropropane	ND	3.5	ug/Kg
Propylbenzene	ND	3.5	ug/Kg
Bromobenzene	ND	3.5	ug/Kg
1,3,5-Trimethylbenzene	ND	3.5	ug/Kg
2-Chlorotoluene	ND	3.5	ug/Kg
4-Chlorotoluene	ND	3.5	ug/Kg
tert-Butylbenzene	ND	3.5	ug/Kg
1,2,4-Trimethylbenzene	ND	3.5	ug/Kg
sec-Butylbenzene	ND	3.5	ug/Kg
para-Isopropyl Toluene	ND	3.5	ug/Kg
1,3-Dichlorobenzene	ND	3.5	ug/Kg
1,4-Dichlorobenzene	ND	3.5	ug/Kg
n-Butylbenzene	ND	3.5	ug/Kg
1,2-Dichlorobenzene	ND	3.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.5	ug/Kg
1,2,4-Trichlorobenzene	ND	3.5	ug/Kg
Hexachlorobutadiene	ND	3.5	ug/Kg
Naphthalene	ND	3.5	ug/Kg
1,2,3-Trichlorobenzene	ND	3.5	ug/Kg

469472-007 Surrogate	%REC	Limits
Dibromofluoromethane	109	70-145
1,2-Dichloroethane-d4	101	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	98	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B18-1.0'	**DiIn Fac:**	0.8052	**Analyzed:**	09/27/22
Lab ID:	469472-008	**Batch#:**	297745	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/21/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/21/22	**Analyst:**	LYZ

469472-008 Analyte	Result	RL	Units
Freon 12	ND	4.0	ug/Kg
Chloromethane	ND	4.0	ug/Kg
Vinyl Chloride	ND	4.0	ug/Kg
Bromomethane	ND	4.0	ug/Kg
Chloroethane	ND	4.0	ug/Kg
Trichlorofluoromethane	ND	4.0	ug/Kg
Acetone	ND	81	ug/Kg
Freon 113	ND	4.0	ug/Kg
1,1-Dichloroethene	ND	4.0	ug/Kg
Methylene Chloride	ND	4.0	ug/Kg
MTBE	ND	4.0	ug/Kg
trans-1,2-Dichloroethene	ND	4.0	ug/Kg
1,1-Dichloroethane	ND	4.0	ug/Kg
2-Butanone	ND	81	ug/Kg
cis-1,2-Dichloroethene	ND	4.0	ug/Kg
2,2-Dichloropropane	ND	4.0	ug/Kg
Chloroform	ND	4.0	ug/Kg
Bromochloromethane	ND	4.0	ug/Kg
1,1,1-Trichloroethane	ND	4.0	ug/Kg
1,1-Dichloropropene	ND	4.0	ug/Kg
Carbon Tetrachloride	ND	4.0	ug/Kg
1,2-Dichloroethane	ND	4.0	ug/Kg
Benzene	ND	4.0	ug/Kg
Trichloroethene	ND	4.0	ug/Kg
1,2-Dichloropropane	ND	4.0	ug/Kg
Bromodichloromethane	ND	4.0	ug/Kg
Dibromomethane	ND	4.0	ug/Kg
4-Methyl-2-Pentanone	ND	4.0	ug/Kg
cis-1,3-Dichloropropene	ND	4.0	ug/Kg
Toluene	ND	4.0	ug/Kg
trans-1,3-Dichloropropene	ND	4.0	ug/Kg
1,1,2-Trichloroethane	ND	4.0	ug/Kg
1,3-Dichloropropane	ND	4.0	ug/Kg
Tetrachloroethene	ND	4.0	ug/Kg
Dibromochloromethane	ND	4.0	ug/Kg
1,2-Dibromoethane	ND	4.0	ug/Kg
Chlorobenzene	ND	4.0	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.0	ug/Kg
Ethylbenzene	ND	4.0	ug/Kg
m,p-Xylenes	ND	8.1	ug/Kg
o-Xylene	ND	4.0	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469472-008 Analyte	Result	RL	Units
Styrene	ND	4.0	ug/Kg
Bromoform	ND	4.0	ug/Kg
Isopropylbenzene	ND	4.0	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.0	ug/Kg
1,2,3-Trichloropropane	ND	4.0	ug/Kg
Propylbenzene	ND	4.0	ug/Kg
Bromobenzene	ND	4.0	ug/Kg
1,3,5-Trimethylbenzene	ND	4.0	ug/Kg
2-Chlorotoluene	ND	4.0	ug/Kg
4-Chlorotoluene	ND	4.0	ug/Kg
tert-Butylbenzene	ND	4.0	ug/Kg
1,2,4-Trimethylbenzene	ND	4.0	ug/Kg
sec-Butylbenzene	ND	4.0	ug/Kg
para-Isopropyl Toluene	ND	4.0	ug/Kg
1,3-Dichlorobenzene	ND	4.0	ug/Kg
1,4-Dichlorobenzene	ND	4.0	ug/Kg
n-Butylbenzene	ND	4.0	ug/Kg
1,2-Dichlorobenzene	ND	4.0	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.0	ug/Kg
1,2,4-Trichlorobenzene	ND	4.0	ug/Kg
Hexachlorobutadiene	ND	4.0	ug/Kg
Naphthalene	ND	4.0	ug/Kg
1,2,3-Trichlorobenzene	ND	4.0	ug/Kg

469472-008 Surrogate	%REC	Limits
Dibromofluoromethane	111	70-145
1,2-Dichloroethane-d4	103	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	99	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B19-1.0'	**DiIn Fac:**	0.7669	**Analyzed:**	09/27/22
Lab ID:	469472-009	**Batch#:**	297746	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/21/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/21/22	**Analyst:**	LYZ

469472-009 Analyte	Result	RL	Units
Freon 12	ND	3.8	ug/Kg
Chloromethane	ND	3.8	ug/Kg
Vinyl Chloride	ND	3.8	ug/Kg
Bromomethane	ND	3.8	ug/Kg
Chloroethane	ND	3.8	ug/Kg
Trichlorofluoromethane	ND	3.8	ug/Kg
Acetone	ND	77	ug/Kg
Freon 113	ND	3.8	ug/Kg
1,1-Dichloroethene	ND	3.8	ug/Kg
Methylene Chloride	ND	3.8	ug/Kg
MTBE	ND	3.8	ug/Kg
trans-1,2-Dichloroethene	ND	3.8	ug/Kg
1,1-Dichloroethane	ND	3.8	ug/Kg
2-Butanone	ND	77	ug/Kg
cis-1,2-Dichloroethene	ND	3.8	ug/Kg
2,2-Dichloropropane	ND	3.8	ug/Kg
Chloroform	ND	3.8	ug/Kg
Bromochloromethane	ND	3.8	ug/Kg
1,1,1-Trichloroethane	ND	3.8	ug/Kg
1,1-Dichloropropene	ND	3.8	ug/Kg
Carbon Tetrachloride	ND	3.8	ug/Kg
1,2-Dichloroethane	ND	3.8	ug/Kg
Benzene	ND	3.8	ug/Kg
Trichloroethene	ND	3.8	ug/Kg
1,2-Dichloropropane	ND	3.8	ug/Kg
Bromodichloromethane	ND	3.8	ug/Kg
Dibromomethane	ND	3.8	ug/Kg
4-Methyl-2-Pentanone	ND	3.8	ug/Kg
cis-1,3-Dichloropropene	ND	3.8	ug/Kg
Toluene	ND	3.8	ug/Kg
trans-1,3-Dichloropropene	ND	3.8	ug/Kg
1,1,2-Trichloroethane	ND	3.8	ug/Kg
1,3-Dichloropropane	ND	3.8	ug/Kg
Tetrachloroethene	ND	3.8	ug/Kg
Dibromochloromethane	ND	3.8	ug/Kg
1,2-Dibromoethane	ND	3.8	ug/Kg
Chlorobenzene	ND	3.8	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.8	ug/Kg
Ethylbenzene	ND	3.8	ug/Kg
m,p-Xylenes	ND	7.7	ug/Kg
o-Xylene	ND	3.8	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469472-009 Analyte	Result	RL	Units
Styrene	ND	3.8	ug/Kg
Bromoform	ND	3.8	ug/Kg
Isopropylbenzene	ND	3.8	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.8	ug/Kg
1,2,3-Trichloropropane	ND	3.8	ug/Kg
Propylbenzene	ND	3.8	ug/Kg
Bromobenzene	ND	3.8	ug/Kg
1,3,5-Trimethylbenzene	ND	3.8	ug/Kg
2-Chlorotoluene	ND	3.8	ug/Kg
4-Chlorotoluene	ND	3.8	ug/Kg
tert-Butylbenzene	ND	3.8	ug/Kg
1,2,4-Trimethylbenzene	ND	3.8	ug/Kg
sec-Butylbenzene	ND	3.8	ug/Kg
para-Isopropyl Toluene	ND	3.8	ug/Kg
1,3-Dichlorobenzene	ND	3.8	ug/Kg
1,4-Dichlorobenzene	ND	3.8	ug/Kg
n-Butylbenzene	ND	3.8	ug/Kg
1,2-Dichlorobenzene	ND	3.8	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.8	ug/Kg
1,2,4-Trichlorobenzene	ND	3.8	ug/Kg
Hexachlorobutadiene	ND	3.8	ug/Kg
Naphthalene	ND	3.8	ug/Kg
1,2,3-Trichlorobenzene	ND	3.8	ug/Kg

469472-009 Surrogate	%REC	Limits
Dibromofluoromethane	111	70-145
1,2-Dichloroethane-d4	102	70-145
Toluene-d8	102	70-145
Bromofluorobenzene	104	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015077 **Batch#:** 297661 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/24/22 **Analyst:** HMN

QC1015077 Analyte	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	50.00	51.62	103	70-131	ug/Kg
MTBE	50.00	43.84	88	69-130	ug/Kg
Benzene	50.00	52.83	106	70-130	ug/Kg
Trichloroethene	50.00	46.75	93	70-130	ug/Kg
Toluene	50.00	51.14	102	70-130	ug/Kg
Chlorobenzene	50.00	51.48	103	70-130	ug/Kg

QC1015077 Surrogate	%REC	Limits
Dibromofluoromethane	111	70-130
1,2-Dichloroethane-d4	98	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	102	70-145

Type: BSD **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015078 **Batch#:** 297661 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/24/22 **Analyst:** HMN

QC1015078 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	49.98	52.15	104	70-131	ug/Kg	1	33
MTBE	49.98	45.62	91	69-130	ug/Kg	4	30
Benzene	49.98	53.24	107	70-130	ug/Kg	1	30
Trichloroethene	49.98	48.33	97	70-130	ug/Kg	3	30
Toluene	49.98	51.49	103	70-130	ug/Kg	1	30
Chlorobenzene	49.98	51.45	103	70-130	ug/Kg	0	30

QC1015078 Surrogate	%REC	Limits
Dibromofluoromethane	107	70-130
1,2-Dichloroethane-d4	104	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	101	70-145

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015081 **Batch#:** 297661 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/24/22 **Analyst:** TCN

QC1015081 Analyte	Result	RL	Units
Freon 12	ND	5.0	ug/Kg
Chloromethane	ND	5.0	ug/Kg
Vinyl Chloride	ND	5.0	ug/Kg
Bromomethane	ND	5.0	ug/Kg
Chloroethane	ND	5.0	ug/Kg
Trichlorofluoromethane	ND	5.0	ug/Kg
Acetone	ND	100	ug/Kg
Freon 113	ND	5.0	ug/Kg
1,1-Dichloroethene	ND	5.0	ug/Kg
Methylene Chloride	ND	5.0	ug/Kg
MTBE	ND	5.0	ug/Kg
trans-1,2-Dichloroethene	ND	5.0	ug/Kg
1,1-Dichloroethane	ND	5.0	ug/Kg
2-Butanone	ND	100	ug/Kg
cis-1,2-Dichloroethene	ND	5.0	ug/Kg
2,2-Dichloropropane	ND	5.0	ug/Kg
Chloroform	ND	5.0	ug/Kg
Bromochloromethane	ND	5.0	ug/Kg
1,1,1-Trichloroethane	ND	5.0	ug/Kg
1,1-Dichloropropene	ND	5.0	ug/Kg
Carbon Tetrachloride	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Trichloroethene	ND	5.0	ug/Kg
1,2-Dichloropropane	ND	5.0	ug/Kg
Bromodichloromethane	ND	5.0	ug/Kg
Dibromomethane	ND	5.0	ug/Kg
4-Methyl-2-Pentanone	ND	5.0	ug/Kg
cis-1,3-Dichloropropene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
trans-1,3-Dichloropropene	ND	5.0	ug/Kg
1,1,2-Trichloroethane	ND	5.0	ug/Kg
1,3-Dichloropropane	ND	5.0	ug/Kg
Tetrachloroethene	ND	5.0	ug/Kg
Dibromochloromethane	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Chlorobenzene	ND	5.0	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
m,p-Xylenes	ND	10	ug/Kg
o-Xylene	ND	5.0	ug/Kg
Styrene	ND	5.0	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1015081 Analyte	Result	RL	Units
Bromoform	ND	5.0	ug/Kg
Isopropylbenzene	ND	5.0	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg
1,2,3-Trichloropropane	ND	5.0	ug/Kg
Propylbenzene	ND	5.0	ug/Kg
Bromobenzene	ND	5.0	ug/Kg
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg
2-Chlorotoluene	ND	5.0	ug/Kg
4-Chlorotoluene	ND	5.0	ug/Kg
tert-Butylbenzene	ND	5.0	ug/Kg
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg
sec-Butylbenzene	ND	5.0	ug/Kg
para-Isopropyl Toluene	ND	5.0	ug/Kg
1,3-Dichlorobenzene	ND	5.0	ug/Kg
1,4-Dichlorobenzene	ND	5.0	ug/Kg
n-Butylbenzene	ND	5.0	ug/Kg
1,2-Dichlorobenzene	ND	5.0	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.0	ug/Kg
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg
Hexachlorobutadiene	ND	5.0	ug/Kg
Naphthalene	ND	5.0	ug/Kg
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg

QC1015081 Surrogate	%REC	Limits
Dibromofluoromethane	112	70-130
1,2-Dichloroethane-d4	102	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	98	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015336 **Batch#:** 297745 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/26/22 **Analyst:** LYZ

QC1015336 Analyte	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	50.00	51.19	102	70-131	ug/Kg
MTBE	50.00	48.89	98	69-130	ug/Kg
Benzene	50.00	54.50	109	70-130	ug/Kg
Trichloroethene	50.00	49.94	100	70-130	ug/Kg
Toluene	50.00	52.40	105	70-130	ug/Kg
Chlorobenzene	50.00	53.70	107	70-130	ug/Kg

QC1015336 Surrogate	%REC	Limits
Dibromofluoromethane	107	70-130
1,2-Dichloroethane-d4	98	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	102	70-145

Type: BSD **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015337 **Batch#:** 297745 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/26/22 **Analyst:** LYZ

QC1015337 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	49.98	50.19	100	70-131	ug/Kg	2	33
MTBE	49.98	47.01	94	69-130	ug/Kg	4	30
Benzene	49.98	52.69	105	70-130	ug/Kg	3	30
Trichloroethene	49.98	48.82	98	70-130	ug/Kg	2	30
Toluene	49.98	51.32	103	70-130	ug/Kg	2	30
Chlorobenzene	49.98	52.00	104	70-130	ug/Kg	3	30

QC1015337 Surrogate	%REC	Limits
Dibromofluoromethane	106	70-130
1,2-Dichloroethane-d4	98	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	102	70-145

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015338 **Batch#:** 297745 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/26/22 **Analyst:** TCN

QC1015338 Analyte	Result	RL	Units
Freon 12	ND	5.0	ug/Kg
Chloromethane	ND	5.0	ug/Kg
Vinyl Chloride	ND	5.0	ug/Kg
Bromomethane	ND	5.0	ug/Kg
Chloroethane	ND	5.0	ug/Kg
Trichlorofluoromethane	ND	5.0	ug/Kg
Acetone	ND	100	ug/Kg
Freon 113	ND	5.0	ug/Kg
1,1-Dichloroethene	ND	5.0	ug/Kg
Methylene Chloride	ND	5.0	ug/Kg
MTBE	ND	5.0	ug/Kg
trans-1,2-Dichloroethene	ND	5.0	ug/Kg
1,1-Dichloroethane	ND	5.0	ug/Kg
2-Butanone	ND	100	ug/Kg
cis-1,2-Dichloroethene	ND	5.0	ug/Kg
2,2-Dichloropropane	ND	5.0	ug/Kg
Chloroform	ND	5.0	ug/Kg
Bromochloromethane	ND	5.0	ug/Kg
1,1,1-Trichloroethane	ND	5.0	ug/Kg
1,1-Dichloropropene	ND	5.0	ug/Kg
Carbon Tetrachloride	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Trichloroethene	ND	5.0	ug/Kg
1,2-Dichloropropane	ND	5.0	ug/Kg
Bromodichloromethane	ND	5.0	ug/Kg
Dibromomethane	ND	5.0	ug/Kg
4-Methyl-2-Pentanone	ND	5.0	ug/Kg
cis-1,3-Dichloropropene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
trans-1,3-Dichloropropene	ND	5.0	ug/Kg
1,1,2-Trichloroethane	ND	5.0	ug/Kg
1,3-Dichloropropane	ND	5.0	ug/Kg
Tetrachloroethene	ND	5.0	ug/Kg
Dibromochloromethane	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Chlorobenzene	ND	5.0	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
m,p-Xylenes	ND	10	ug/Kg
o-Xylene	ND	5.0	ug/Kg
Styrene	ND	5.0	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1015338 Analyte	Result	RL	Units
Bromoform	ND	5.0	ug/Kg
Isopropylbenzene	ND	5.0	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg
1,2,3-Trichloropropane	ND	5.0	ug/Kg
Propylbenzene	ND	5.0	ug/Kg
Bromobenzene	ND	5.0	ug/Kg
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg
2-Chlorotoluene	ND	5.0	ug/Kg
4-Chlorotoluene	ND	5.0	ug/Kg
tert-Butylbenzene	ND	5.0	ug/Kg
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg
sec-Butylbenzene	ND	5.0	ug/Kg
para-Isopropyl Toluene	ND	5.0	ug/Kg
1,3-Dichlorobenzene	ND	5.0	ug/Kg
1,4-Dichlorobenzene	ND	5.0	ug/Kg
n-Butylbenzene	ND	5.0	ug/Kg
1,2-Dichlorobenzene	ND	5.0	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.0	ug/Kg
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg
Hexachlorobutadiene	ND	5.0	ug/Kg
Naphthalene	ND	5.0	ug/Kg
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg

QC1015338 Surrogate	%REC	Limits
Dibromofluoromethane	108	70-130
1,2-Dichloroethane-d4	100	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	98	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015348 **Batch#:** 297746 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/27/22 **Analyst:** HMN

QC1015348 Analyte	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	50.00	52.17	104	70-131	ug/Kg
MTBE	50.00	48.51	97	69-130	ug/Kg
Benzene	50.00	54.81	110	70-130	ug/Kg
Trichloroethene	50.00	50.11	100	70-130	ug/Kg
Toluene	50.00	53.33	107	70-130	ug/Kg
Chlorobenzene	50.00	53.68	107	70-130	ug/Kg

QC1015348 Surrogate	%REC	Limits
Dibromofluoromethane	106	70-130
1,2-Dichloroethane-d4	98	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	101	70-145

Type: BSD **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015349 **Batch#:** 297746 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/27/22 **Analyst:** TCN

QC1015349 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	49.98	53.30	107	70-131	ug/Kg	2	33
MTBE	49.98	51.44	103	69-130	ug/Kg	6	30
Benzene	49.98	56.27	113	70-130	ug/Kg	3	30
Trichloroethene	49.98	49.50	99	70-130	ug/Kg	1	30
Toluene	49.98	52.85	106	70-130	ug/Kg	1	30
Chlorobenzene	49.98	53.86	108	70-130	ug/Kg	0	30

QC1015349 Surrogate	%REC	Limits
Dibromofluoromethane	110	70-130
1,2-Dichloroethane-d4	107	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	100	70-145

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015352 **Batch#:** 297746 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/27/22 **Analyst:** TCN

QC1015352 Analyte	Result	RL	Units
Freon 12	ND	5.0	ug/Kg
Chloromethane	ND	5.0	ug/Kg
Vinyl Chloride	ND	5.0	ug/Kg
Bromomethane	ND	5.0	ug/Kg
Chloroethane	ND	5.0	ug/Kg
Trichlorofluoromethane	ND	5.0	ug/Kg
Acetone	ND	100	ug/Kg
Freon 113	ND	5.0	ug/Kg
1,1-Dichloroethene	ND	5.0	ug/Kg
Methylene Chloride	ND	5.0	ug/Kg
MTBE	ND	5.0	ug/Kg
trans-1,2-Dichloroethene	ND	5.0	ug/Kg
1,1-Dichloroethane	ND	5.0	ug/Kg
2-Butanone	ND	100	ug/Kg
cis-1,2-Dichloroethene	ND	5.0	ug/Kg
2,2-Dichloropropane	ND	5.0	ug/Kg
Chloroform	ND	5.0	ug/Kg
Bromochloromethane	ND	5.0	ug/Kg
1,1,1-Trichloroethane	ND	5.0	ug/Kg
1,1-Dichloropropene	ND	5.0	ug/Kg
Carbon Tetrachloride	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Trichloroethene	ND	5.0	ug/Kg
1,2-Dichloropropane	ND	5.0	ug/Kg
Bromodichloromethane	ND	5.0	ug/Kg
Dibromomethane	ND	5.0	ug/Kg
4-Methyl-2-Pentanone	ND	5.0	ug/Kg
cis-1,3-Dichloropropene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
trans-1,3-Dichloropropene	ND	5.0	ug/Kg
1,1,2-Trichloroethane	ND	5.0	ug/Kg
1,3-Dichloropropane	ND	5.0	ug/Kg
Tetrachloroethene	ND	5.0	ug/Kg
Dibromochloromethane	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Chlorobenzene	ND	5.0	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
m,p-Xylenes	ND	10	ug/Kg
o-Xylene	ND	5.0	ug/Kg
Styrene	ND	5.0	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1015352 Analyte	Result	RL	Units
Bromoform	ND	5.0	ug/Kg
Isopropylbenzene	ND	5.0	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg
1,2,3-Trichloropropane	ND	5.0	ug/Kg
Propylbenzene	ND	5.0	ug/Kg
Bromobenzene	ND	5.0	ug/Kg
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg
2-Chlorotoluene	ND	5.0	ug/Kg
4-Chlorotoluene	ND	5.0	ug/Kg
tert-Butylbenzene	ND	5.0	ug/Kg
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg
sec-Butylbenzene	ND	5.0	ug/Kg
para-Isopropyl Toluene	ND	5.0	ug/Kg
1,3-Dichlorobenzene	ND	5.0	ug/Kg
1,4-Dichlorobenzene	ND	5.0	ug/Kg
n-Butylbenzene	ND	5.0	ug/Kg
1,2-Dichlorobenzene	ND	5.0	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.0	ug/Kg
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg
Hexachlorobutadiene	ND	5.0	ug/Kg
Naphthalene	ND	5.0	ug/Kg
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg

QC1015352 Surrogate	%REC	Limits
Dibromofluoromethane	110	70-130
1,2-Dichloroethane-d4	101	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	97	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B1-1.5'	**Batch#:**	297767	**Prep:**	EPA 3546
Lab ID:	469472-001	**Sampled:**	09/20/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	HQN
Basis:	as received	**Prepared:**	09/27/22		
Diln Fac:	20.00	**Analyzed:**	09/27/22		

469472-001 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	200	ug/Kg
2-Methylnaphthalene	**240**	200	ug/Kg
Naphthalene	**600**	200	ug/Kg
Acenaphthylene	**470**	200	ug/Kg
Acenaphthene	ND	200	ug/Kg
Fluorene	ND	200	ug/Kg
Phenanthrene	**1,000**	200	ug/Kg
Anthracene	ND	200	ug/Kg
Fluoranthene	**1,700**	200	ug/Kg
Pyrene	**3,700**	200	ug/Kg
Benzo(a)anthracene	**1,700**	200	ug/Kg
Chrysene	**2,300**	200	ug/Kg
Benzo(b)fluoranthene	**1,900**	200	ug/Kg
Benzo(k)fluoranthene	**2,100**	200	ug/Kg
Benzo(a)pyrene	**3,300**	200	ug/Kg
Indeno(1,2,3-cd)pyrene	**2,200**	200	ug/Kg
Dibenz(a,h)anthracene	**500**	200	ug/Kg
Benzo(g,h,i)perylene	**2,700**	200	ug/Kg

469472-001 Surrogate	%REC	Limits
Nitrobenzene-d5	70	27-125
2-Fluorobiphenyl	72	30-120
Terphenyl-d14	90	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B3-1.5'	**Batch#:**	297767	**Prep:**	EPA 3546
Lab ID:	469472-002	**Sampled:**	09/20/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	HQN
Basis:	as received	**Prepared:**	09/27/22		
Diln Fac:	1.000	**Analyzed:**	09/27/22		

469472-002 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	9.9	ug/Kg
2-Methylnaphthalene	ND	9.9	ug/Kg
Naphthalene	ND	9.9	ug/Kg
Acenaphthylene	ND	9.9	ug/Kg
Acenaphthene	ND	9.9	ug/Kg
Fluorene	ND	9.9	ug/Kg
Phenanthrene	ND	9.9	ug/Kg
Anthracene	ND	9.9	ug/Kg
Fluoranthene	ND	9.9	ug/Kg
Pyrene	ND	9.9	ug/Kg
Benzo(a)anthracene	ND	9.9	ug/Kg
Chrysene	ND	9.9	ug/Kg
Benzo(b)fluoranthene	ND	9.9	ug/Kg
Benzo(k)fluoranthene	ND	9.9	ug/Kg
Benzo(a)pyrene	ND	9.9	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	9.9	ug/Kg
Dibenz(a,h)anthracene	ND	9.9	ug/Kg
Benzo(g,h,i)perylene	ND	9.9	ug/Kg

469472-002 Surrogate	%REC	Limits
Nitrobenzene-d5	59	27-125
2-Fluorobiphenyl	47	30-120
Terphenyl-d14	43	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B4-2.0'	**Batch#:**	297767	**Prep:**	EPA 3546
Lab ID:	469472-003	**Sampled:**	09/20/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	HQN
Basis:	as received	**Prepared:**	09/27/22		
Diln Fac:	10.00	**Analyzed:**	09/27/22		

469472-003 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	100	ug/Kg
2-Methylnaphthalene	ND	100	ug/Kg
Naphthalene	ND	100	ug/Kg
Acenaphthylene	ND	100	ug/Kg
Acenaphthene	ND	100	ug/Kg
Fluorene	ND	100	ug/Kg
Phenanthrene	**710**	100	ug/Kg
Anthracene	ND	100	ug/Kg
Fluoranthene	**720**	100	ug/Kg
Pyrene	**620**	100	ug/Kg
Benzo(a)anthracene	**200**	100	ug/Kg
Chrysene	**290**	100	ug/Kg
Benzo(b)fluoranthene	**200**	100	ug/Kg
Benzo(k)fluoranthene	**210**	100	ug/Kg
Benzo(a)pyrene	**210**	100	ug/Kg
Indeno(1,2,3-cd)pyrene	**150**	100	ug/Kg
Dibenz(a,h)anthracene	ND	100	ug/Kg
Benzo(g,h,i)perylene	**130**	100	ug/Kg

469472-003 Surrogate	%REC	Limits
Nitrobenzene-d5	67	27-125
2-Fluorobiphenyl	76	30-120
Terphenyl-d14	90	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV5-1.0'	**Batch#:**	297767	**Analyzed:**	09/27/22
Lab ID:	469472-004	**Sampled:**	09/20/22	**Prep:**	EPA 3546
Matrix:	Soil	**Received:**	09/21/22	**Analysis:**	EPA 8270C-SIM
Basis:	as received	**Prepared:**	09/27/22	**Analyst:**	HQN

469472-004 Analyte	Result	RL	Units	Diln Fac
1-Methylnaphthalene	**13**	9.9	ug/Kg	1.000
2-Methylnaphthalene	**34**	9.9	ug/Kg	1.000
Naphthalene	**82**	9.9	ug/Kg	1.000
Acenaphthylene	**78**	9.9	ug/Kg	1.000
Acenaphthene	ND	9.9	ug/Kg	1.000
Fluorene	**17**	9.9	ug/Kg	1.000
Phenanthrene	**220**	9.9	ug/Kg	1.000
Anthracene	**29**	9.9	ug/Kg	1.000
Fluoranthene	**320**	9.9	ug/Kg	1.000
Pyrene	**650**	40	ug/Kg	4.000
Benzo(a)anthracene	**290**	9.9	ug/Kg	1.000
Chrysene	**430**	9.9	ug/Kg	1.000
Benzo(b)fluoranthene	**370**	9.9	ug/Kg	1.000
Benzo(k)fluoranthene	**360**	9.9	ug/Kg	1.000
Benzo(a)pyrene	**530**	40	ug/Kg	4.000
Indeno(1,2,3-cd)pyrene	**360**	9.9	ug/Kg	1.000
Dibenz(a,h)anthracene	**80**	9.9	ug/Kg	1.000
Benzo(g,h,i)perylene	**430**	9.9	ug/Kg	1.000

469472-004 Surrogate	%REC	Limits	Diln Fac
Nitrobenzene-d5	76	27-125	1.000
2-Fluorobiphenyl	71	30-120	1.000
Terphenyl-d14	81	33-155	1.000

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV7-1.5'	**Batch#:**	297767	**Prep:**	EPA 3546
Lab ID:	469472-005	**Sampled:**	09/21/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	HQN
Basis:	as received	**Prepared:**	09/27/22		
Diln Fac:	25.00	**Analyzed:**	09/27/22		

469472-005 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	250	ug/Kg
2-Methylnaphthalene	ND	250	ug/Kg
Naphthalene	ND	250	ug/Kg
Acenaphthylene	ND	250	ug/Kg
Acenaphthene	ND	250	ug/Kg
Fluorene	ND	250	ug/Kg
Phenanthrene	ND	250	ug/Kg
Anthracene	ND	250	ug/Kg
Fluoranthene	ND	250	ug/Kg
Pyrene	ND	250	ug/Kg
Benzo(a)anthracene	ND	250	ug/Kg
Chrysene	ND	250	ug/Kg
Benzo(b)fluoranthene	ND	250	ug/Kg
Benzo(k)fluoranthene	ND	250	ug/Kg
Benzo(a)pyrene	ND	250	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg
Dibenz(a,h)anthracene	ND	250	ug/Kg
Benzo(g,h,i)perylene	ND	250	ug/Kg

469472-005 Surrogate	%REC	Limits
Nitrobenzene-d5	70	27-125
2-Fluorobiphenyl	78	30-120
Terphenyl-d14	89	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B15-1.5'	**Batch#:**	297767	**Prep:**	EPA 3546
Lab ID:	469472-006	**Sampled:**	09/21/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	HQN
Basis:	as received	**Prepared:**	09/27/22		
DiIn Fac:	1.000	**Analyzed:**	09/27/22		

469472-006 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	ND	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	ND	10	ug/Kg
Pyrene	ND	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

469472-006 Surrogate	%REC	Limits
Nitrobenzene-d5	67	27-125
2-Fluorobiphenyl	61	30-120
Terphenyl-d14	72	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B16-1.0'	**Batch#:**	297767	**Prep:**	EPA 3546
Lab ID:	469472-007	**Sampled:**	09/21/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	HQN
Basis:	as received	**Prepared:**	09/27/22		
DiIn Fac:	1.000	**Analyzed:**	09/27/22		

469472-007 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	ND	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	ND	10	ug/Kg
Pyrene	ND	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

469472-007 Surrogate	%REC	Limits
Nitrobenzene-d5	52	27-125
2-Fluorobiphenyl	50	30-120
Terphenyl-d14	48	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B18-1.0'	**Batch#:**	297767	**Prep:**	EPA 3546
Lab ID:	469472-008	**Sampled:**	09/21/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	HQN
Basis:	as received	**Prepared:**	09/27/22		
DiIn Fac:	1.000	**Analyzed:**	09/27/22		

469472-008 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	ND	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	ND	10	ug/Kg
Pyrene	ND	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

469472-008 Surrogate	%REC	Limits
Nitrobenzene-d5	44	27-125
2-Fluorobiphenyl	37	30-120
Terphenyl-d14	40	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B19-1.0'	**Batch#:**	297767	**Prep:**	EPA 3546
Lab ID:	469472-009	**Sampled:**	09/21/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	HQN
Basis:	as received	**Prepared:**	09/27/22		
DiIn Fac:	5.000	**Analyzed:**	09/27/22		

469472-009 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	50	ug/Kg
2-Methylnaphthalene	ND	50	ug/Kg
Naphthalene	ND	50	ug/Kg
Acenaphthylene	ND	50	ug/Kg
Acenaphthene	ND	50	ug/Kg
Fluorene	ND	50	ug/Kg
Phenanthrene	ND	50	ug/Kg
Anthracene	ND	50	ug/Kg
Fluoranthene	ND	50	ug/Kg
Pyrene	ND	50	ug/Kg
Benzo(a)anthracene	ND	50	ug/Kg
Chrysene	ND	50	ug/Kg
Benzo(b)fluoranthene	ND	50	ug/Kg
Benzo(k)fluoranthene	ND	50	ug/Kg
Benzo(a)pyrene	ND	50	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	50	ug/Kg
Dibenz(a,h)anthracene	ND	50	ug/Kg
Benzo(g,h,i)perylene	ND	50	ug/Kg

469472-009 Surrogate	%REC	Limits
Nitrobenzene-d5	62	27-125
2-Fluorobiphenyl	59	30-120
Terphenyl-d14	68	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B1-1.5'	**Basis:**	as received	**Prepared:**	09/27/22
Type:	MS	**DiIn Fac:**	20.00	**Analyzed:**	09/27/22
MSS Lab ID:	469472-001	**Batch#:**	297767	**Prep:**	EPA 3546
Lab ID:	QC1015498	**Sampled:**	09/20/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	HQN

QC1015498 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units	Qual
1-Methylnaphthalene	110.7	199.5	220.8	55	25-130	ug/Kg	
2-Methylnaphthalene	236.0	199.5	336.1	50	32-133	ug/Kg	
Naphthalene	599.1	199.5	623.9	12 *	33-130	ug/Kg	
Acenaphthylene	469.0	199.5	506.8	19	14-157	ug/Kg	
Acenaphthene	<82.32	199.5	131.0	66	28-134	ug/Kg	
Fluorene	105.5	199.5	190.8	43	27-140	ug/Kg	
Phenanthrene	1,010	199.5	1,054	22	29-147	ug/Kg	NM
Anthracene	197.2	199.5	266.9	35	24-156	ug/Kg	
Fluoranthene	1,651	199.5	1,604	-23	28-160	ug/Kg	NM
Pyrene	3,731	199.5	3,484	-124	26-153	ug/Kg	NM
Benzo(a)anthracene	1,656	199.5	1,620	-18	26-174	ug/Kg	NM
Chrysene	2,344	199.5	2,164	-90	40-139	ug/Kg	NM
Benzo(b)fluoranthene	1,879	199.5	1,755	-62	36-164	ug/Kg	NM
Benzo(k)fluoranthene	2,141	199.5	1,971	-85	36-161	ug/Kg	NM
Benzo(a)pyrene	3,337	199.5	2,793	-272	18-173	ug/Kg	NM
Indeno(1,2,3-cd)pyrene	2,189	199.5	2,022	-84	26-154	ug/Kg	NM
Dibenz(a,h)anthracene	497.3	199.5	540.8	22 *	38-132	ug/Kg	
Benzo(g,h,i)perylene	2,657	199.5	2,393	-133	36-130	ug/Kg	NM

QC1015498 Surrogate	%REC	Limits
Nitrobenzene-d5	54	27-125
2-Fluorobiphenyl	63	30-120
Terphenyl-d14	76	33-155

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B1-1.5'	**Basis:**	as received	**Prepared:**	09/27/22
Type:	MSD	**DiIn Fac:**	20.00	**Analyzed:**	09/27/22
MSS Lab ID:	469472-001	**Batch#:**	297767	**Prep:**	EPA 3546
Lab ID:	QC1015499	**Sampled:**	09/20/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	HQN

QC1015499 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim	Qual
1-Methylnaphthalene	199.2	200.2	45	25-130	ug/Kg	10	35	
2-Methylnaphthalene	199.2	308.6	36	32-133	ug/Kg	8	35	
Naphthalene	199.2	578.4	-10 *	33-130	ug/Kg	8	35	
Acenaphthylene	199.2	441.1	-14 *	14-157	ug/Kg	14	35	
Acenaphthene	199.2	128.0	64	28-134	ug/Kg	2	35	
Fluorene	199.2	180.4	38	27-140	ug/Kg	5	35	
Phenanthrene	199.2	960.0	-25	29-147	ug/Kg	9	35	NM
Anthracene	199.2	264.4	34	24-156	ug/Kg	1	35	
Fluoranthene	199.2	1,359	-147	28-160	ug/Kg	17	35	NM
Pyrene	199.2	2,890	-422	26-153	ug/Kg	19	35	NM
Benzo(a)anthracene	199.2	1,393	-132	26-174	ug/Kg	15	35	NM
Chrysene	199.2	1,850	-247	40-139	ug/Kg	16	35	NM
Benzo(b)fluoranthene	199.2	1,631	-124	36-164	ug/Kg	7	35	NM
Benzo(k)fluoranthene	199.2	1,639	-252	36-161	ug/Kg	18	35	NM
Benzo(a)pyrene	199.2	2,615	-362	18-173	ug/Kg	7	35	NM
Indeno(1,2,3-cd)pyrene	199.2	1,812	-189	26-154	ug/Kg	11	35	NM
Dibenz(a,h)anthracene	199.2	496.0	-1 *	38-132	ug/Kg	9	35	
Benzo(g,h,i)perylene	199.2	2,192	-233	36-130	ug/Kg	9	35	NM

QC1015499 Surrogate	%REC	Limits
Nitrobenzene-d5	52	27-125
2-Fluorobiphenyl	60	30-120
Terphenyl-d14	70	33-155

Legend

***:** Value is outside QC limits

NM: Not Meaningful

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Batch#:** 297767 **Analysis:** EPA 8270C-SIM

Lab ID: QC1015500 **Prepared:** 09/27/22 **Analyst:** HQN

Matrix: Soil **Analyzed:** 09/27/22

DilIn Fac: 1.000 **Prep:** EPA 3546

QC1015500 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	ND	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	ND	10	ug/Kg
Pyrene	ND	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

QC1015500 Surrogate	%REC	Limits
Nitrobenzene-d5	88	27-125
2-Fluorobiphenyl	84	30-120
Terphenyl-d14	98	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **Batch#:** 297767 **Analysis:** EPA 8270C-SIM

Lab ID: QC1015501 **Prepared:** 09/27/22 **Analyst:** HQN

Matrix: Soil **Analyzed:** 09/27/22

DilIn Fac: 1.000 **Prep:** EPA 3546

QC1015501 Analyte	Spiked	Result	%REC	Limits	Units
1-Methylnaphthalene	200.2	154.1	77	28-130	ug/Kg
2-Methylnaphthalene	200.2	180.4	90	33-130	ug/Kg
Naphthalene	200.2	168.6	84	25-130	ug/Kg
Acenaphthylene	200.2	162.0	81	28-130	ug/Kg
Acenaphthene	200.2	166.2	83	32-130	ug/Kg
Fluorene	200.2	172.3	86	35-130	ug/Kg
Phenanthrene	200.2	172.7	86	35-132	ug/Kg
Anthracene	200.2	163.7	82	34-136	ug/Kg
Fluoranthene	200.2	165.0	82	34-139	ug/Kg
Pyrene	200.2	158.7	79	35-134	ug/Kg
Benzo(a)anthracene	200.2	193.7	97	30-132	ug/Kg
Chrysene	200.2	167.4	84	29-130	ug/Kg
Benzo(b)fluoranthene	200.2	205.8	103	32-137	ug/Kg
Benzo(k)fluoranthene	200.2	176.7	88	32-130	ug/Kg
Benzo(a)pyrene	200.2	179.1	89	10-138	ug/Kg
Indeno(1,2,3-cd)pyrene	200.2	177.6	89	34-132	ug/Kg
Dibenz(a,h)anthracene	200.2	160.9	80	32-130	ug/Kg
Benzo(g,h,i)perylene	200.2	155.5	78	27-130	ug/Kg

QC1015501 Surrogate	%REC	Limits
Nitrobenzene-d5	94	27-125
2-Fluorobiphenyl	81	30-120
Terphenyl-d14	95	33-155

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B1-1.5'	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-001	**Sampled:**	09/20/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		
Dil Fac:	1.000	**Analyzed:**	09/27/22		

469472-001 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	**12**	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469472-001 Surrogate	%REC	Limits
TCMX	50	23-120
Decachlorobiphenyl	81	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B3-1.5'	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-002	**Sampled:**	09/20/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		
Dil n Fac:	1.000	**Analyzed:**	09/27/22		

469472-002 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469472-002 Surrogate	%REC	Limits
TCMX	44	23-120
Decachlorobiphenyl	117	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B4-2.0'	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-003	**Sampled:**	09/20/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		
Dil Fac:	1.000	**Analyzed:**	09/27/22		

469472-003 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	9.9	ug/Kg
Toxaphene	ND	99	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469472-003 Surrogate	%REC	Limits
TCMX	44	23-120
Decachlorobiphenyl	45	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV5-1.0'	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-004	**Sampled:**	09/20/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		
Dil Fac:	1.000	**Analyzed:**	09/27/22		

469472-004 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469472-004 Surrogate	%REC	Limits
TCMX	43	23-120
Decachlorobiphenyl	59	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV7-1.5'	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-005	**Sampled:**	09/21/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		
Dil Fac:	1.000	**Analyzed:**	09/27/22		

469472-005 Analyte	Result	RL	Units
alpha-BHC	ND	4.9	ug/Kg
beta-BHC	ND	4.9	ug/Kg
gamma-BHC	ND	4.9	ug/Kg
delta-BHC	ND	4.9	ug/Kg
Heptachlor	ND	4.9	ug/Kg
Aldrin	ND	4.9	ug/Kg
Heptachlor epoxide	ND	4.9	ug/Kg
Endosulfan I	ND	4.9	ug/Kg
Dieldrin	ND	4.9	ug/Kg
4,4'-DDE	ND	4.9	ug/Kg
Endrin	ND	4.9	ug/Kg
Endosulfan II	ND	4.9	ug/Kg
Endosulfan sulfate	ND	4.9	ug/Kg
4,4'-DDD	ND	4.9	ug/Kg
Endrin aldehyde	ND	4.9	ug/Kg
Endrin ketone	ND	4.9	ug/Kg
4,4'-DDT	ND	4.9	ug/Kg
Methoxychlor	ND	9.9	ug/Kg
Toxaphene	ND	99	ug/Kg
Chlordane (Technical)	ND	49	ug/Kg

469472-005 Surrogate	%REC	Limits
TCMX	53	23-120
Decachlorobiphenyl	39	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B15-1.5'	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-006	**Sampled:**	09/21/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		
Dil Fac:	1.000	**Analyzed:**	09/27/22		

469472-006 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	**240**	50	ug/Kg

469472-006 Surrogate	%REC	Limits
TCMX	54	23-120
Decachlorobiphenyl	51	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B16-1.0'	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-007	**Sampled:**	09/21/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		
Dil Fac:	1.000	**Analyzed:**	09/27/22		

469472-007 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469472-007 Surrogate	%REC	Limits
TCMX	57	23-120
Decachlorobiphenyl	50	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B18-1.0'	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-008	**Sampled:**	09/21/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		
Dil Fac:	1.000	**Analyzed:**	09/27/22		

469472-008 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	9.9	ug/Kg
Toxaphene	ND	99	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469472-008 Surrogate	%REC	Limits
TCMX	48	23-120
Decachlorobiphenyl	43	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B19-1.0'	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-009	**Sampled:**	09/21/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		
Dil Fac:	1.000	**Analyzed:**	09/27/22		

469472-009 Analyte	Result	RL	Units
alpha-BHC	ND	4.9	ug/Kg
beta-BHC	ND	4.9	ug/Kg
gamma-BHC	ND	4.9	ug/Kg
delta-BHC	ND	4.9	ug/Kg
Heptachlor	ND	4.9	ug/Kg
Aldrin	ND	4.9	ug/Kg
Heptachlor epoxide	ND	4.9	ug/Kg
Endosulfan I	ND	4.9	ug/Kg
Dieldrin	ND	4.9	ug/Kg
4,4'-DDE	ND	4.9	ug/Kg
Endrin	ND	4.9	ug/Kg
Endosulfan II	ND	4.9	ug/Kg
Endosulfan sulfate	ND	4.9	ug/Kg
4,4'-DDD	ND	4.9	ug/Kg
Endrin aldehyde	ND	4.9	ug/Kg
Endrin ketone	ND	4.9	ug/Kg
4,4'-DDT	ND	4.9	ug/Kg
Methoxychlor	ND	9.8	ug/Kg
Toxaphene	ND	98	ug/Kg
Chlordane (Technical)	ND	49	ug/Kg

469472-009 Surrogate	%REC	Limits
TCMX	54	23-120
Decachlorobiphenyl	49	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	BLANK	**Batch#:**	297628	**Analysis:**	EPA 8081A
Lab ID:	QC1014951	**Prepared:**	09/23/22	**Analyst:**	TJW
Matrix:	Soil	**Analyzed:**	09/27/22		
DiIn Fac:	1.000	**Prep:**	EPA 3546		

QC1014951 Analyte	Result	RL	Units
alpha-BHC	ND	4.9	ug/Kg
beta-BHC	ND	4.9	ug/Kg
gamma-BHC	ND	4.9	ug/Kg
delta-BHC	ND	4.9	ug/Kg
Heptachlor	ND	4.9	ug/Kg
Aldrin	ND	4.9	ug/Kg
Heptachlor epoxide	ND	4.9	ug/Kg
Endosulfan I	ND	4.9	ug/Kg
Dieldrin	ND	4.9	ug/Kg
4,4'-DDE	ND	4.9	ug/Kg
Endrin	ND	4.9	ug/Kg
Endosulfan II	ND	4.9	ug/Kg
Endosulfan sulfate	ND	4.9	ug/Kg
4,4'-DDD	ND	4.9	ug/Kg
Endrin aldehyde	ND	4.9	ug/Kg
Endrin ketone	ND	4.9	ug/Kg
4,4'-DDT	ND	4.9	ug/Kg
Methoxychlor	ND	9.8	ug/Kg
Toxaphene	ND	98	ug/Kg
Chlordane (Technical)	ND	49	ug/Kg

QC1014951 Surrogate	%REC	Limits
TCMX	51	23-120
Decachlorobiphenyl	47	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **Batch#:** 297628 **Analysis:** EPA 8081A

Lab ID: QC1014952 **Prepared:** 09/23/22 **Analyst:** TJW

Matrix: Soil **Analyzed:** 09/27/22

DilN Fac: 1.000 **Prep:** EPA 3546

QC1014952 Analyte	Spiked	Result	%REC	Limits	Units
alpha-BHC	49.55	24.86	50	22-129	ug/Kg
beta-BHC	49.55	26.12	53	28-125	ug/Kg
gamma-BHC	49.55	24.64	50	22-128	ug/Kg
delta-BHC	49.55	24.48	49	24-131	ug/Kg
Heptachlor	49.55	26.71	54	18-124	ug/Kg
Aldrin	49.55	23.58	48	23-120	ug/Kg
Heptachlor epoxide	49.55	24.47	49	26-120	ug/Kg
Endosulfan I	49.55	26.33	53	25-126	ug/Kg
Dieldrin	49.55	23.75	48	23-124	ug/Kg
4,4'-DDE	49.55	24.74	50	28-121	ug/Kg
Endrin	49.55	26.85	54	25-127	ug/Kg
Endosulfan II	49.55	22.62	46	29-121	ug/Kg
Endosulfan sulfate	49.55	21.99	44	30-121	ug/Kg
4,4'-DDD	49.55	21.69	44	26-120	ug/Kg
Endrin aldehyde	49.55	14.44	29	10-120	ug/Kg
Endrin ketone	49.55	19.26	39	28-125	ug/Kg
4,4'-DDT	49.55	23.77	48	22-125	ug/Kg
Methoxychlor	49.55	22.76	46	28-130	ug/Kg

QC1014952 Surrogate	%REC	Limits
TCMX	43	23-120
Decachlorobiphenyl	34	24-120

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MS	**DiIn Fac:**	1.000	**Analyzed:**	09/27/22
MSS Lab ID:	469463-001	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	QC1014953	**Sampled:**	09/21/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW

QC1014953 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
alpha-BHC	<0.5994	49.90	28.72	58	46-120	ug/Kg
beta-BHC	<0.5456	49.90	30.91	62	41-120	ug/Kg
gamma-BHC	<0.5026	49.90	28.63	57	41-120	ug/Kg
delta-BHC	<1.302	49.90	29.31	59	38-123	ug/Kg
Heptachlor	<0.6739	49.90	31.21	63	39-120	ug/Kg
Aldrin	<1.126	49.90	27.64	55	34-120	ug/Kg
Heptachlor epoxide	<0.9322	49.90	28.81	58	43-120	ug/Kg
Endosulfan I	<0.9692	49.90	31.24	63	45-120	ug/Kg
Dieldrin	<0.9270	49.90	28.98	58	45-120	ug/Kg
4,4'-DDE	<0.9072	49.90	29.90	60	34-120	ug/Kg
Endrin	<1.918	49.90	32.28	65	40-120	ug/Kg
Endosulfan II	<1.121	49.90	27.56	55	41-120	ug/Kg
Endosulfan sulfate	<0.9515	49.90	27.02	54	42-120	ug/Kg
4,4'-DDD	<0.7262	49.90	27.44	55	41-120	ug/Kg
Endrin aldehyde	<1.200	49.90	18.47	37	30-120	ug/Kg
Endrin ketone	<0.9432	49.90	23.97	48	45-120	ug/Kg
4,4'-DDT	<0.9185	49.90	28.70	58	35-127	ug/Kg
Methoxychlor	<2.987	49.90	28.31	57	42-136	ug/Kg

QC1014953 Surrogate	%REC	Limits
TCMX	49	23-120
Decachlorobiphenyl	44	24-120

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MSD	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
MSS Lab ID:	469463-001	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	QC1014954	**Sampled:**	09/21/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW

QC1014954 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
alpha-BHC	49.60	24.10	49	46-120	ug/Kg	17	30
beta-BHC	49.60	25.94	52	41-120	ug/Kg	17	30
gamma-BHC	49.60	23.97	48	41-120	ug/Kg	17	30
delta-BHC	49.60	24.06	48	38-123	ug/Kg	19	30
Heptachlor	49.60	26.33	53	39-120	ug/Kg	16	30
Aldrin	49.60	23.12	47	34-120	ug/Kg	17	30
Heptachlor epoxide	49.60	24.49	49	43-120	ug/Kg	16	30
Endosulfan I	49.60	25.95	52	45-120	ug/Kg	18	30
Dieldrin	49.60	23.51	47	45-120	ug/Kg	20	30
4,4'-DDE	49.60	24.58	50	34-120	ug/Kg	19	30
Endrin	49.60	26.44	53	40-120	ug/Kg	19	30
Endosulfan II	49.60	22.26	45	41-120	ug/Kg	21	30
Endosulfan sulfate	49.60	21.19	43	42-120	ug/Kg	24	30
4,4'-DDD	49.60	21.93	44	41-120	ug/Kg	22	30
Endrin aldehyde	49.60	15.49	31	30-120	ug/Kg	17	30
Endrin ketone	49.60	18.66	38 *	45-120	ug/Kg	24	30
4,4'-DDT	49.60	24.66	50	35-127	ug/Kg	15	30
Methoxychlor	49.60	23.78	48	42-136	ug/Kg	17	30

QC1014954 Surrogate	%REC	Limits
TCMX	43	23-120
Decachlorobiphenyl	33	24-120

Legend

*: Value is outside QC limits

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B1-1.5'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-001	**Sampled:**	09/20/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		

469472-001 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469472-001 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	98	19-121

Field ID:	B3-1.5'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-002	**Sampled:**	09/20/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		

469472-002 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469472-002 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	144 *	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B4-2.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-003	**Sampled:**	09/20/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		

469472-003 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	23	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469472-003 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	55	19-121

Field ID:	SV5-1.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-004	**Sampled:**	09/20/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		

469472-004 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469472-004 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	93	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV7-1.5'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-005	**Sampled:**	09/21/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		

469472-005 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	32	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	23	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469472-005 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	76	19-121

Field ID:	B15-1.5'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-006	**Sampled:**	09/21/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		

469472-006 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469472-006 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	65	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B16-1.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-007	**Sampled:**	09/21/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		

469472-007 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469472-007 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	63	19-121

Field ID:	B18-1.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-008	**Sampled:**	09/21/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		

469472-008 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	23	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469472-008 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	56	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B19-1.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	469472-009	**Sampled:**	09/21/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/23/22		

469472-009 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	32	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	23	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469472-009 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	70	19-121

Type:	BLANK	**Batch#:**	297628
Lab ID:	QC1014951	**Prepared:**	09/23/22
Matrix:	Soil	**Analyzed:**	09/27/22
Diln Fac:	1.000	**Prep:**	EPA 3546

Analysis:	EPA 8082		
Analyst:	TJW		

QC1014951 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	32	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	23	ug/Kg
Aroclor-1260	ND	30	ug/Kg

QC1014951 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	58	19-121

Legend

***:** Value is outside QC limits

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs): Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **Batch#:** 297628 **Analysis:** EPA 8082

Lab ID: QC1014955 **Prepared:** 09/23/22 **Analyst:** TJW

Matrix: Soil **Analyzed:** 09/27/22

DiIn Fac: 1.000 **Prep:** EPA 3546

QC1014955 Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	497.5	264.7	53	14-150	ug/Kg
Aroclor-1260	497.5	242.4	49	10-150	ug/Kg

QC1014955 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	50	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs): Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MS	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
MSS Lab ID:	469463-001	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	QC1014956	**Sampled:**	09/21/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW

QC1014956 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Aroclor-1016	<31.09	498.0	246.1	49	42-127	ug/Kg
Aroclor-1260	<30.10	498.0	218.1	44	38-130	ug/Kg

QC1014956 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	44	19-121

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MSD	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
MSS Lab ID:	469463-001	**Batch#:**	297628	**Prep:**	EPA 3546
Lab ID:	QC1014957	**Sampled:**	09/21/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TJW

QC1014957 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	500.0	250.0	50	42-127	ug/Kg	1	30
Aroclor-1260	500.0	224.0	45	38-130	ug/Kg	2	30

QC1014957 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	43	19-121

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B1-1.5' **Basis:** as received **Received:** 09/21/22

Lab ID: 469472-001 **DiIn Fac:** 1.000

Matrix: Soil **Sampled:** 09/20/22

469472-001 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	**130**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**240**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**66**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**18**	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**70**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**19**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	**0.59**	0.16	mg/Kg	297681	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Nickel	**82**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**80**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**77**	4.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B3-1.5' **Basis:** as received **Received:** 09/21/22

Lab ID: 469472-002 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/20/22

469472-002 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	**2.9**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**170**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**140**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**20**	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**41**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**14**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.15	mg/Kg	297681	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Nickel	**130**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**81**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**60**	4.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B4-2.0' **Basis:** as received **Received:** 09/21/22

Lab ID: 469472-003 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/20/22

469472-003 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	**2.1**	0.97	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**60**	0.97	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**85**	0.97	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**25**	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**75**	0.97	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**22**	0.97	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.15	mg/Kg	297681	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.97	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Nickel	**67**	0.97	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**150**	0.97	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**85**	4.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: SV5-1.0' **Basis:** as received **Received:** 09/21/22

Lab ID: 469472-004 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/20/22

469472-004 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	**46**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**95**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**73**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**18**	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**120**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**24**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	**0.21**	0.15	mg/Kg	297681	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	**18**	0.98	mg/Kg	297587	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Nickel	**56**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.49	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**98**	0.98	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**110**	4.9	mg/Kg	297587	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: SV7-1.5' **Basis:** as received **Received:** 09/21/22

Lab ID: 469472-005 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/21/22

469472-005 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Arsenic	ND	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Barium	**410**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Beryllium	ND	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Cadmium	ND	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Chromium	**38**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Cobalt	**16**	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Copper	**44**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Lead	**3.9**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Mercury	ND	0.14	mg/Kg	297681	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Nickel	**37**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Selenium	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Silver	ND	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Thallium	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Vanadium	**74**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Zinc	**44**	4.8	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B15-1.5' **Basis:** as received **Received:** 09/21/22

Lab ID: 469472-006 **DiIn Fac:** 1.000

Matrix: Soil **Sampled:** 09/21/22

469472-006 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Arsenic	**1.9**	0.97	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Barium	**170**	0.97	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Beryllium	ND	0.49	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Cadmium	ND	0.49	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Chromium	**100**	0.97	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Cobalt	**22**	0.49	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Copper	**46**	0.97	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Lead	**16**	0.97	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Mercury	ND	0.17	mg/Kg	297681	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.97	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Nickel	**110**	0.97	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Selenium	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Silver	ND	0.49	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Thallium	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Vanadium	**81**	0.97	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Zinc	**61**	4.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B16-1.0' **Basis:** as received **Received:** 09/21/22

Lab ID: 469472-007 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/21/22

469472-007 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Arsenic	**17**	0.95	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Barium	**43**	0.95	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Beryllium	ND	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Cadmium	ND	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Chromium	**79**	0.95	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Cobalt	**26**	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Copper	**78**	0.95	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Lead	**10**	0.95	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Mercury	ND	0.14	mg/Kg	297681	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.95	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Nickel	**56**	0.95	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Selenium	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Silver	ND	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Thallium	**3.3**	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Vanadium	**130**	0.95	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Zinc	**74**	4.8	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B18-1.0' **Basis:** as received **Received:** 09/21/22

Lab ID: 469472-008 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/21/22

469472-008 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Arsenic	**2.7**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Barium	**130**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Beryllium	ND	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Cadmium	ND	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Chromium	**93**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Cobalt	**23**	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Copper	**62**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Lead	**71**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Mercury	ND	0.15	mg/Kg	297681	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Nickel	**88**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Selenium	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Silver	ND	0.48	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Thallium	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Vanadium	**100**	0.96	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Zinc	**91**	4.8	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B19-1.0' **Basis:** as received **Received:** 09/21/22

Lab ID: 469472-009 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/21/22

469472-009 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Arsenic	**3.4**	0.98	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Barium	**140**	0.98	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Beryllium	ND	0.49	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Cadmium	ND	0.49	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Chromium	**58**	0.98	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Cobalt	**11**	0.49	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Copper	**30**	0.98	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Lead	**57**	0.98	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Mercury	ND	0.15	mg/Kg	297681	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.98	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Nickel	**44**	0.98	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Selenium	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Silver	ND	0.49	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Thallium	ND	2.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Vanadium	**46**	0.98	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN
Zinc	**94**	4.9	mg/Kg	297649	09/24/22	09/26/22	EPA 3050B	EPA 6010B	KLN

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	BLANK	**Batch#:**	297587	**Analysis:**	EPA 6010B
Lab ID:	QC1014804	**Prepared:**	09/23/22	**Analyst:**	SBW
Matrix:	Soil	**Analyzed:**	09/23/22		
DiIn Fac:	1.000	**Prep:**	EPA 3050B		

QC1014804 Analyte	Result	RL	Units
Antimony	ND	3.0	mg/Kg
Arsenic	ND	1.0	mg/Kg
Barium	ND	1.0	mg/Kg
Beryllium	ND	0.50	mg/Kg
Cadmium	ND	0.50	mg/Kg
Chromium	ND	1.0	mg/Kg
Cobalt	ND	0.50	mg/Kg
Copper	ND	1.0	mg/Kg
Lead	ND	1.0	mg/Kg
Molybdenum	ND	1.0	mg/Kg
Nickel	ND	1.0	mg/Kg
Selenium	ND	3.0	mg/Kg
Silver	ND	0.50	mg/Kg
Thallium	ND	3.0	mg/Kg
Vanadium	ND	1.0	mg/Kg
Zinc	ND	5.0	mg/Kg

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **Batch#:** 297587 **Analysis:** EPA 6010B

Lab ID: QC1014805 **Prepared:** 09/23/22 **Analyst:** SBW

Matrix: Soil **Analyzed:** 09/23/22

DilnFac: 1.000 **Prep:** EPA 3050B

QC1014805 Analyte	Spiked	Result	%REC	Limits	Units
Antimony	100.0	97.84	98	80-120	mg/Kg
Arsenic	100.0	104.8	105	80-120	mg/Kg
Barium	100.0	103.4	103	80-120	mg/Kg
Beryllium	100.0	105.9	106	80-120	mg/Kg
Cadmium	100.0	100.7	101	80-120	mg/Kg
Chromium	100.0	105.1	105	80-120	mg/Kg
Cobalt	100.0	104.7	105	80-120	mg/Kg
Copper	100.0	100.1	100	80-120	mg/Kg
Lead	100.0	107.4	107	80-120	mg/Kg
Molybdenum	100.0	104.7	105	80-120	mg/Kg
Nickel	100.0	106.8	107	80-120	mg/Kg
Selenium	100.0	87.27	87	80-120	mg/Kg
Silver	50.00	51.35	103	80-120	mg/Kg
Thallium	100.0	102.0	102	80-120	mg/Kg
Vanadium	100.0	104.3	104	80-120	mg/Kg
Zinc	100.0	101.5	102	80-120	mg/Kg

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: ZZZZZZZZZZ **Basis:** as received **Prepared:** 09/23/22
Type: MS **Diln Fac:** 1.000 **Analyzed:** 09/23/22
MSS Lab ID: 469437-001 **Batch#:** 297587 **Prep:** EPA 3050B
Lab ID: QC1014806 **Sampled:** 09/16/22 **Analysis:** EPA 6010B
Matrix: Soil **Received:** 09/21/22 **Analyst:** SBW

QC1014806 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Antimony	<1.569	95.24	53.22	56 *	75-125	mg/Kg
Arsenic	1.657	95.24	99.21	102	75-125	mg/Kg
Barium	151.5	95.24	236.7	90	75-125	mg/Kg
Beryllium	<0.1078	95.24	97.58	102	75-125	mg/Kg
Cadmium	<0.07353	95.24	94.01	99	75-125	mg/Kg
Chromium	7.659	95.24	100.8	98	75-125	mg/Kg
Cobalt	6.589	95.24	98.66	97	75-125	mg/Kg
Copper	14.83	95.24	108.3	98	75-125	mg/Kg
Lead	2.096	95.24	97.74	100	75-125	mg/Kg
Molybdenum	<0.5784	95.24	94.75	99	75-125	mg/Kg
Nickel	2.987	95.24	97.38	99	75-125	mg/Kg
Selenium	<0.3922	95.24	79.92	84	75-125	mg/Kg
Silver	<0.1569	47.62	47.36	99	75-125	mg/Kg
Thallium	<0.5686	95.24	91.88	96	75-125	mg/Kg
Vanadium	53.67	95.24	140.6	91	75-125	mg/Kg
Zinc	30.58	95.24	117.1	91	75-125	mg/Kg

Field ID: ZZZZZZZZZZ **Basis:** as received **Prepared:** 09/23/22
Type: MSD **Diln Fac:** 1.000 **Analyzed:** 09/23/22
MSS Lab ID: 469437-001 **Batch#:** 297587 **Prep:** EPA 3050B
Lab ID: QC1014807 **Sampled:** 09/16/22 **Analysis:** EPA 6010B
Matrix: Soil **Received:** 09/21/22 **Analyst:** SBW

QC1014807 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Antimony	95.24	46.55	49 *	75-125	mg/Kg	13	41
Arsenic	95.24	99.16	102	75-125	mg/Kg	0	35
Barium	95.24	270.0	124	75-125	mg/Kg	13	20
Beryllium	95.24	95.81	101	75-125	mg/Kg	2	20
Cadmium	95.24	94.02	99	75-125	mg/Kg	0	20
Chromium	95.24	103.0	100	75-125	mg/Kg	2	20
Cobalt	95.24	99.57	98	75-125	mg/Kg	1	20
Copper	95.24	112.7	103	75-125	mg/Kg	4	20
Lead	95.24	98.22	101	75-125	mg/Kg	0	20
Molybdenum	95.24	94.37	99	75-125	mg/Kg	0	20
Nickel	95.24	97.41	99	75-125	mg/Kg	0	20
Selenium	95.24	80.88	85	75-125	mg/Kg	1	20
Silver	47.62	48.09	101	75-125	mg/Kg	2	20
Thallium	95.24	91.03	96	75-125	mg/Kg	1	20
Vanadium	95.24	153.3	105	75-125	mg/Kg	9	20
Zinc	95.24	123.1	97	75-125	mg/Kg	5	20

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Legend

***:** Value is outside QC limits

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Batch#:** 297649 **Analysis:** EPA 6010B

Lab ID: QC1015033 **Prepared:** 09/24/22 **Analyst:** KLN

Matrix: Soil **Analyzed:** 09/26/22

DilnFac: 1.000 **Prep:** EPA 3050B

QC1015033 Analyte	Result	RL	Units
Antimony	ND	3.0	mg/Kg
Arsenic	ND	1.0	mg/Kg
Barium	ND	1.0	mg/Kg
Beryllium	ND	0.50	mg/Kg
Cadmium	ND	0.50	mg/Kg
Chromium	ND	1.0	mg/Kg
Cobalt	ND	0.50	mg/Kg
Copper	ND	1.0	mg/Kg
Lead	ND	1.0	mg/Kg
Molybdenum	ND	1.0	mg/Kg
Nickel	ND	1.0	mg/Kg
Selenium	ND	3.0	mg/Kg
Silver	ND	0.50	mg/Kg
Thallium	ND	3.0	mg/Kg
Vanadium	ND	1.0	mg/Kg
Zinc	ND	5.0	mg/Kg

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **Batch#:** 297649 **Analysis:** EPA 6010B

Lab ID: QC1015034 **Prepared:** 09/24/22 **Analyst:** KLN

Matrix: Soil **Analyzed:** 09/26/22

DilnFac: 1.000 **Prep:** EPA 3050B

QC1015034 Analyte	Spiked	Result	%REC	Limits	Units	Qual
Antimony	100.0	104.3	104	80-120	mg/Kg	
Arsenic	100.0	106.7	107	80-120	mg/Kg	
Barium	100.0	107.7	108	80-120	mg/Kg	
Beryllium	100.0	101.4	101	80-120	mg/Kg	
Cadmium	100.0	109.2	109	80-120	mg/Kg	
Chromium	100.0	106.3	106	80-120	mg/Kg	
Cobalt	100.0	107.1	107	80-120	mg/Kg	
Copper	100.0	104.6	105	80-120	mg/Kg	b
Lead	100.0	110.6	111	80-120	mg/Kg	
Molybdenum	100.0	108.7	109	80-120	mg/Kg	
Nickel	100.0	107.4	107	80-120	mg/Kg	
Selenium	100.0	92.87	93	80-120	mg/Kg	
Silver	50.00	54.31	109	80-120	mg/Kg	b
Thallium	100.0	102.4	102	80-120	mg/Kg	
Vanadium	100.0	108.9	109	80-120	mg/Kg	
Zinc	100.0	106.3	106	80-120	mg/Kg	

Legend

b: See narrative

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV7-1.5'	**Basis:**	as received	**Prepared:**	09/24/22
Type:	MS	**Diln Fac:**	1.000	**Analyzed:**	09/26/22
MSS Lab ID:	469472-005	**Batch#:**	297649	**Prep:**	EPA 3050B
Lab ID:	QC1015035	**Sampled:**	09/21/22	**Analysis:**	EPA 6010B
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	KLN

QC1015035 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units	Qual
Antimony	1.967	99.01	50.27	49 *	75-125	mg/Kg	
Arsenic	<0.6442	99.01	102.5	103	75-125	mg/Kg	
Barium	414.6	99.01	588.3	175	75-125	mg/Kg	NM
Beryllium	0.1082	99.01	92.29	93	75-125	mg/Kg	
Cadmium	<0.07212	99.01	113.6	115	75-125	mg/Kg	
Chromium	38.21	99.01	143.9	107	75-125	mg/Kg	
Cobalt	15.51	99.01	123.2	109	75-125	mg/Kg	
Copper	44.04	99.01	160.7	118	75-125	mg/Kg	
Lead	3.907	99.01	118.0	115	75-125	mg/Kg	
Molybdenum	0.4758	99.01	102.0	103	75-125	mg/Kg	
Nickel	36.93	99.01	147.1	111	75-125	mg/Kg	
Selenium	<0.3846	99.01	89.40	90	75-125	mg/Kg	
Silver	<0.1538	49.50	52.29	106	75-125	mg/Kg	
Thallium	1.367	99.01	114.0	114	75-125	mg/Kg	
Vanadium	73.98	99.01	186.4	114	75-125	mg/Kg	
Zinc	43.80	99.01	155.3	113	75-125	mg/Kg	

Field ID:	SV7-1.5'	**Basis:**	as received	**Prepared:**	09/24/22
Type:	MSD	**Diln Fac:**	1.000	**Analyzed:**	09/26/22
MSS Lab ID:	469472-005	**Batch#:**	297649	**Prep:**	EPA 3050B
Lab ID:	QC1015036	**Sampled:**	09/21/22	**Analysis:**	EPA 6010B
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	KLN

QC1015036 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim	Qual
Antimony	99.01	54.71	53 *	75-125	mg/Kg	8	41	
Arsenic	99.01	105.6	107	75-125	mg/Kg	3	35	
Barium	99.01	492.3	79	75-125	mg/Kg	18	20	NM
Beryllium	99.01	94.04	95	75-125	mg/Kg	2	20	
Cadmium	99.01	116.9	118	75-125	mg/Kg	3	20	
Chromium	99.01	151.6	115	75-125	mg/Kg	5	20	
Cobalt	99.01	127.4	113	75-125	mg/Kg	3	20	
Copper	99.01	168.5	126 *	75-125	mg/Kg	5	20	
Lead	99.01	121.5	119	75-125	mg/Kg	3	20	
Molybdenum	99.01	104.9	105	75-125	mg/Kg	3	20	
Nickel	99.01	151.6	116	75-125	mg/Kg	3	20	
Selenium	99.01	92.75	94	75-125	mg/Kg	4	20	
Silver	49.50	54.40	110	75-125	mg/Kg	4	20	
Thallium	99.01	118.0	118	75-125	mg/Kg	3	20	
Vanadium	99.01	189.7	117	75-125	mg/Kg	2	20	
Zinc	99.01	160.3	118	75-125	mg/Kg	3	20	

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Legend

***:** Value is outside QC limits

NM: Not Meaningful

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	BLANK	**Batch#:**	297681	**Analysis:**	EPA 7471A
Lab ID:	QC1015138	**Prepared:**	09/25/22	**Analyst:**	TNN
Matrix:	Soil	**Analyzed:**	09/25/22		
DiIn Fac:	1.000	**Prep:**	METHOD		

QC1015138 Analyte	Result	RL	Units
Mercury	ND	0.14	mg/Kg

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	LCS	**Batch#:**	297681	**Analysis:**	EPA 7471A
Lab ID:	QC1015139	**Prepared:**	09/25/22	**Analyst:**	TNN
Matrix:	Soil	**Analyzed:**	09/25/22		
DiIn Fac:	1.000	**Prep:**	METHOD		

QC1015139 Analyte	Spiked	Result	%REC	Limits	Units
Mercury	0.8333	0.8081	97	80-120	mg/Kg

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469472 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV7-1.5'	**Basis:**	as received	**Prepared:**	09/25/22
Type:	MS	**Diln Fac:**	1.000	**Analyzed:**	09/25/22
MSS Lab ID:	469472-005	**Batch#:**	297681	**Prep:**	METHOD
Lab ID:	QC1015140	**Sampled:**	09/21/22	**Analysis:**	EPA 7471A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TNN

QC1015140 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Mercury	0.02315	0.8929	0.8982	98	75-125	mg/Kg

Field ID:	SV7-1.5'	**Basis:**	as received	**Prepared:**	09/25/22
Type:	MSD	**Diln Fac:**	1.000	**Analyzed:**	09/25/22
MSS Lab ID:	469472-005	**Batch#:**	297681	**Prep:**	METHOD
Lab ID:	QC1015141	**Sampled:**	09/21/22	**Analysis:**	EPA 7471A
Matrix:	Soil	**Received:**	09/21/22	**Analyst:**	TNN

QC1015141 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Mercury	0.8929	0.8949	98	75-125	mg/Kg	0	20

Legend

RPD: Relative Percent Difference

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number:	469402
Report Level:	II
Report Date:	09/27/2022

Analytical Report *prepared for:*

Jeremy Wilson
Rosso Environmental, Inc.
PO Box 1923
Lafayette, CA 94549

Project: 22-0013.01 - Palo Alto

Authorized for release by:

Sophia Baughman, Project Manager
sophia.baughman@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Jeremy Wilson
Rosso Environmental, Inc.
PO Box 1923
Lafayette, CA 94549

Lab Job #:	469402
Project No:	22-0013.01
Location:	Palo Alto
Date Received:	09/20/22

Sample ID	Lab ID	Collected	Matrix
B5-0.5'	469402-001	09/19/22 11:00	Soil
B6-2.0'	469402-002	09/19/22 11:12	Soil
B7-1.5'	469402-003	09/19/22 07:41	Soil
B8-1.0'	469402-004	09/19/22 07:53	Soil
B9-3.5'	469402-005	09/19/22 08:06	Soil
B10-3.0'	469402-006	09/19/22 08:15	Soil
B11-1.0'	469402-007	09/19/22 08:26	Soil
B12-4.0'	469402-008	09/19/22 13:18	Soil
B13-3.0'	469402-009	09/19/22 13:07	Soil
B14-4.0'	469402-010	09/19/22 08:43	Soil
B17-1.0'	469402-011	09/19/22 12:11	Soil
B20-1.0'	469402-012	09/19/22 12:31	Soil
B21-1.5'	469402-013	09/19/22 12:21	Soil
B22-1.0'	469402-014	09/19/22 12:41	Soil
B23-2.5'	469402-015	09/19/22 12:57	Soil
B2-2.0'	469402-016	09/19/22 09:27	Soil

ENTHALPY ANALYTICAL

Case Narrative

Rosso Environmental, Inc.	Lab Job Number: 469402
PO Box 1923	Project No: 22-0013.01
Lafayette, CA 94549	Location: Palo Alto
Jeremy Wilson	Date Received: 09/20/22

This data package contains sample and QC results for sixteen soil samples, requested for the above referenced project on 09/20/22. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

- High surrogate recovery was observed for n-triacontane in B5-0.5' (lab # 469402-001).
- B20-1.0' (lab # 469402-012) and B22-1.0' (lab # 469402-014) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- A number of samples were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- High recovery was observed for methoxychlor in the MS of B10-3.0' (lab # 469402-006); the LCS was within limits, and this analyte was not detected at or above the RL in the associated samples. High RPD was observed for endrin ketone and methoxychlor in the MS/MSD of B10-3.0' (lab # 469402-006); these analytes were not detected at or above the RL in the associated samples.
- High surrogate recovery was observed for TCMX in B20-1.0' (lab # 469402-012); no target analytes were detected in the sample.
- High surrogate recovery was observed for decachlorobiphenyl in B20-1.0' (lab # 469402-012); no target analytes were detected in the sample.
- No other analytical problems were encountered.

PCBs (EPA 8082):

- High surrogate recovery was observed for decachlorobiphenyl (PCB) in B20-1.0' (lab # 469402-012); no target analytes were detected in the sample.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD for batch 297590; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- A number of analytes were detected above the RL in the method blank for batch 297590; these analytes were either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record			
Lab No:	469402		
Page:	1	of	2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rosso Env.	Name:	22-0013.01
Report To:	J. Wilson	Number:	Palo Alto
Email:	jwilson@rossoenv.com	P.O. #:	
Address:	PO Box 1923	Address:	El Camino Real
	Lafayette CA 94549		
Phone:	415 583 9067	Global ID:	
		Sampled By:	J. Wilson

Analysis Request: VOCs 8260B Prep5035 / TPH-g,d,o 8015 / PAHs 8270 SIM / OCPs 8081 / PCBs 8082 / CAM 17 Metals 6010/7000

Test Instructions / Comments: VOAs Prep5035 VOCs

#	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs 8260B Prep5035	TPH-g,d,o 8015	PAHs 8270 SIM	OCPs 8081	PCBs 8082	CAM 17 Metals 6010/7000
1	B5-0.5'	9-19-22	1100	S	4 VOAs 1 Jar	—	X	X	X	X	X	X
2	B6-2.0'	↓	1112	↓	↓	—	X	X	X	X	X	X
3	B7-1.5'	↓	741	↓	↓	—	X	X	X	X	X	X
4	B8-1.0'	↓	753	↓	↓	—	X	X	X	X	X	X
5	B9-3.5'	↓	806	↓	↓	—	X	X	X	X	X	X
6	B10-3.0'	↓	815	↓	↓	—	X	X	X	X	X	X
7	B11-1.0'	↓	826	↓	↓	—	X	X	X	X	X	X
8	B12-4.0'	↓	1318	↓	↓	—	X	X	X	X	X	X
9	B13-3.0'	↓	1307	↓	↓	—	X	X	X	X	X	X
10	B14-4.0'	↓	843	↓	↓	—	X	X	X	X	X	X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	Jeremy Wilson	Rosso	9-20-22 1350
1 Received By:	[signature]	Erich Leaf	Rosso	9/20/22 1350
2 Relinquished By:	[signature]	Erich Leaf	Rosso	9/20/22 16:35
2 Received By:	[signature]	Bertha Baughman	EA	9/20/22 16:35
3 Relinquished By:	[signature]	Maccent Lewis	EA	9/20/22 17:43
3 Received By:		Frozen	EA	9/21/22 0840

ENTHALPY ANALYTICAL

Enthalpy Analytical - Berkeley
2323 5th Street, Berkeley, CA 94710
Phone 510-486-0900

Chain of Custody Record
Lab No: 469402
Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rosso Env.	Name:	Palo Alto
Report To:	J. Wilson	Number:	#22-0013.01
Email:	jwilson@rossoenv.com	P.O. #:	
Address:		Address:	
Phone:	415-583-9067	Global ID:	
		Sampled By:	J. Wilson

Test Instructions / Comments: Vogs Prep 5035 VOCs

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs 8260B Prep 5035	TPH-g,d,o 8015	PAHs 8270 SIM	OCPs 8081	PCBs 8082	CAM 17 Metals 6010/7000				
1	B17-1.0'	9-19-22	1211	S	4 vogs Jar	–	X	X	X	X	X	X				
2	B20-1.0'	↓	1231	↓	↓	–	X	X	X	X	X	X				
3	B21-1.5'	↓	1221	↓	↓	–	X	X	X	X	X	X				
4	B22-1.0'	↓	1241	↓	↓	–	X	X	X	X	X	X				
5	B23-2.5'	↓	1257	↓	↓	–	X	X	X	X	X	X				
6	B2-2.0'	↓	927	↓	↓	–	X	X	X	X	X	X				
7																
8																
9																
10																

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	Jeremy Wilson	Rosso	9-20-22 1350
1 Received By:	[signature]	Erich Leaf	Rosso	9/20/22 13:50
2 Relinquished By:	[signature]	Erich Leaf	Rosso	9/20/22 16:35
2 Received By:	[signature]	Martha Baughman	EA	9/20/22 16:35
3 Relinquished By:	[signature]	[illegible]	BA	9/20/22 17:43
3 Received By:	[signature]	Frogun	EA	9/21/22 0840

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 469402 Client: Rosso

Date Received: 9/20/22 Project: _____

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☒ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☒ Yes, how many? 2 ☐ No (**skip Section 3 below**)

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 9/20/22 By (print) MAC (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☐ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☒ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☒ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☒ B ☐ C

Cooler Temp (°C): #1: 1.9, #2: 2.6, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			✓
Was the client contacted concerning this sample delivery?			
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged in 9/20/22 **By (print)** CEF **(sign)** _____

Date Labeled _____ **By (print)** _____ **(sign)** _____

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rosso Environmental, Inc. Project: Palo Alto

Date Received: 09/21/22 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.6 #2: 4.9 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Greyhound

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.4 #2: 1.1 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

No tare weight was noticed on all 3 NaHSO4 vials for samples -006, -007, -010, -016 and 1 vial for -009.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 9/21/22

LOS ANGELES, CA

STD PPD

20SEP22 06:42P ** LABEL **

Schd: GLI 6849

Pcs: 2 of 5 LOS ANGELES, CA

From: ENTHALPY ANALYTICAL - 000-000-0000

RECV: ENTHALPY ANALYTICAL
931 W. BARKLEY AVE

ORANGE, CA 92868
Phone: 925-487-8029
Standard

Agency Phone: (213)629-8420

GLI 3090

Manual W

Tariff W

PO/Ref #:

WWW.SHIPGREYHOUN

PACKAGE EXPRESS

A8672364B

LBLBC-GPX (REV 11/19)

1-1 /4.9

LOS ANGELES, CA

STD PPD

20SEP22 06:42P ** LABEL **

Schd: GLI 6849

Pcs: 4 of 5

LOS ANGELES, CA

From: ENTHALPY ANALYTICAL -
000-000-0000

RECV: ENTHALPY ANALYTICAL
931 W. BARKLEY AVE

ORANGE, CA 92868
Phone: 925-487-8029
Standard
Agency Phone: (213)629-8420

GLI 3(

Manu:

Tari:

PO/Ref

WWW.SHIPGREY

PACKAGE EXPRESS

A8672366B

LBLBC-GPX (REV 11/19)

1.4 / 3.6

ENTHALPY ANALYTICAL

Gasoline by GC/FID (5035 Prep)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B5-0.5' **Diln Fac:** 0.8831 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-001 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-001 Analyte	Result	RL	Units
TPH Gasoline	ND	2.6	mg/Kg

469402-001 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	83	60-140

Field ID: B6-2.0' **Diln Fac:** 0.8512 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-002 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-002 Analyte	Result	RL	Units
TPH Gasoline	ND	2.6	mg/Kg

469402-002 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	86	60-140

Field ID: B7-1.5' **Diln Fac:** 0.7363 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-003 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-003 Analyte	Result	RL	Units
TPH Gasoline	ND	2.2	mg/Kg

469402-003 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	60-140

Field ID: B8-1.0' **Diln Fac:** 0.6978 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-004 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-004 Analyte	Result	RL	Units
TPH Gasoline	ND	2.1	mg/Kg

469402-004 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	60-140

ENTHALPY ANALYTICAL

Gasoline by GC/FID (5035 Prep)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B9-3.5'	**Diln Fac:**	0.7363	**Prep:**	EPA 5035
Type:	SAMPLE	**Batch#:**	297584	**Analysis:**	EPA 8015B
Lab ID:	469402-005	**Sampled:**	09/19/22	**Analyst:**	EMW
Matrix:	Soil	**Received:**	09/20/22		
Basis:	as received	**Analyzed:**	09/23/22		

469402-005 Analyte	Result	RL	Units
TPH Gasoline	ND	2.2	mg/Kg

469402-005 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	60-140

Field ID:	B10-3.0'	**Diln Fac:**	0.7364	**Prep:**	EPA 5035
Type:	SAMPLE	**Batch#:**	297584	**Analysis:**	EPA 8015B
Lab ID:	469402-006	**Sampled:**	09/19/22	**Analyst:**	EMW
Matrix:	Soil	**Received:**	09/20/22		
Basis:	as received	**Analyzed:**	09/23/22		

469402-006 Analyte	Result	RL	Units
TPH Gasoline	ND	2.2	mg/Kg

469402-006 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	60-140

Field ID:	B11-1.0'	**Diln Fac:**	0.6784	**Prep:**	EPA 5035
Type:	SAMPLE	**Batch#:**	297584	**Analysis:**	EPA 8015B
Lab ID:	469402-007	**Sampled:**	09/19/22	**Analyst:**	EMW
Matrix:	Soil	**Received:**	09/20/22		
Basis:	as received	**Analyzed:**	09/23/22		

469402-007 Analyte	Result	RL	Units
TPH Gasoline	ND	2.0	mg/Kg

469402-007 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	60-140

Field ID:	B12-4.0'	**Diln Fac:**	0.7159	**Prep:**	EPA 5035
Type:	SAMPLE	**Batch#:**	297584	**Analysis:**	EPA 8015B
Lab ID:	469402-008	**Sampled:**	09/19/22	**Analyst:**	EMW
Matrix:	Soil	**Received:**	09/20/22		
Basis:	as received	**Analyzed:**	09/23/22		

469402-008 Analyte	Result	RL	Units
TPH Gasoline	ND	2.1	mg/Kg

469402-008 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	60-140

ENTHALPY ANALYTICAL

Gasoline by GC/FID (5035 Prep)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B13-3.0' **Diln Fac:** 0.6757 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-009 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-009 Analyte	Result	RL	Units
TPH Gasoline	ND	2.0	mg/Kg

469402-009 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	86	60-140

Field ID: B14-4.0' **Diln Fac:** 0.7364 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-010 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-010 Analyte	Result	RL	Units
TPH Gasoline	ND	2.2	mg/Kg

469402-010 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	81	60-140

Field ID: B17-1.0' **Diln Fac:** 0.7813 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-011 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-011 Analyte	Result	RL	Units
TPH Gasoline	ND	2.3	mg/Kg

469402-011 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	85	60-140

Field ID: B20-1.0' **Diln Fac:** 0.7321 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-012 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-012 Analyte	Result	RL	Units
TPH Gasoline	ND	2.2	mg/Kg

469402-012 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	60-140

ENTHALPY ANALYTICAL

Gasoline by GC/FID (5035 Prep)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B21-1.5' **Diln Fac:** 0.8419 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-013 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-013 Analyte	Result	RL	Units
TPH Gasoline	ND	2.5	mg/Kg

469402-013 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	60-140

Field ID: B22-1.0' **Diln Fac:** 0.6278 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-014 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-014 Analyte	Result	RL	Units
TPH Gasoline	ND	1.9	mg/Kg

469402-014 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	60-140

Field ID: B23-2.5' **Diln Fac:** 0.6916 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-015 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-015 Analyte	Result	RL	Units
TPH Gasoline	ND	2.1	mg/Kg

469402-015 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	60-140

Field ID: B2-2.0' **Diln Fac:** 0.8403 **Prep:** EPA 5035
Type: SAMPLE **Batch#:** 297584 **Analysis:** EPA 8015B
Lab ID: 469402-016 **Sampled:** 09/19/22 **Analyst:** EMW
Matrix: Soil **Received:** 09/20/22
Basis: as received **Analyzed:** 09/23/22

469402-016 Analyte	Result	RL	Units
TPH Gasoline	ND	2.5	mg/Kg

469402-016 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	60-140

ENTHALPY ANALYTICAL

Gasoline by GC/FID (5035 Prep)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1014798 **Batch#:** 297584 **Analysis:** EPA 8015B

Matrix: Soil **Analyzed:** 09/23/22 **Analyst:** EMW

QC1014798 Analyte	Result	RL	Units
TPH Gasoline	ND	3.0	mg/Kg

QC1014798 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	60-140

Type: BLANK **Dil'n Fac:** 25.00 **Prep:** EPA 5035

Lab ID: QC1014799 **Batch#:** 297584 **Analysis:** EPA 8015B

Matrix: Soil **Analyzed:** 09/23/22 **Analyst:** EMW

QC1014799 Analyte	Result	RL	Units
TPH Gasoline	ND	75	mg/Kg

QC1014799 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	60-140

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Gasoline by GC/FID (5035 Prep): Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1014796 **Batch#:** 297584 **Analysis:** EPA 8015B

Matrix: Soil **Analyzed:** 09/23/22 **Analyst:** EMW

QC1014796 Analyte	Spiked	Result	%REC	Limits	Units
TPH Gasoline	5.000	5.326	107	70-130	mg/Kg

QC1014796 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	126	60-140

Type: BSD **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1014797 **Batch#:** 297584 **Analysis:** EPA 8015B

Matrix: Soil **Analyzed:** 09/23/22 **Analyst:** EMW

QC1014797 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
TPH Gasoline	5.000	5.519	110	70-130	mg/Kg	4	20

QC1014797 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	120	60-140

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B5-0.5'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-001	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-001 Analyte	Result	RL	Units
DRO C10-C28	**31**	9.9	mg/Kg
ORO C28-C44	**46**	20	mg/Kg

469402-001 Surrogate	%REC	Limits
n-Triacontane	178 *	70-130

Field ID:	B6-2.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-002	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-002 Analyte	Result	RL	Units
DRO C10-C28	**50**	9.9	mg/Kg
ORO C28-C44	**62**	20	mg/Kg

469402-002 Surrogate	%REC	Limits
n-Triacontane	109	70-130

Field ID:	B7-1.5'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-003	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-003 Analyte	Result	RL	Units
DRO C10-C28	ND	9.9	mg/Kg
ORO C28-C44	ND	20	mg/Kg

469402-003 Surrogate	%REC	Limits
n-Triacontane	85	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B8-1.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-004	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-004 Analyte	Result	RL	Units
DRO C10-C28	ND	10	mg/Kg
ORO C28-C44	ND	20	mg/Kg

469402-004 Surrogate	%REC	Limits
n-Triacontane	84	70-130

Field ID:	B9-3.5'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-005	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-005 Analyte	Result	RL	Units
DRO C10-C28	ND	9.9	mg/Kg
ORO C28-C44	**29**	20	mg/Kg

469402-005 Surrogate	%REC	Limits
n-Triacontane	84	70-130

Field ID:	B10-3.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-006	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-006 Analyte	Result	RL	Units
DRO C10-C28	ND	10	mg/Kg
ORO C28-C44	ND	20	mg/Kg

469402-006 Surrogate	%REC	Limits
n-Triacontane	87	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B11-1.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-007	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-007 Analyte	Result	RL	Units
DRO C10-C28	ND	9.9	mg/Kg
ORO C28-C44	**20**	20	mg/Kg

469402-007 Surrogate	%REC	Limits
n-Triacontane	86	70-130

Field ID:	B12-4.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-008	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-008 Analyte	Result	RL	Units
DRO C10-C28	ND	10	mg/Kg
ORO C28-C44	**29**	20	mg/Kg

469402-008 Surrogate	%REC	Limits
n-Triacontane	84	70-130

Field ID:	B13-3.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-009	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-009 Analyte	Result	RL	Units
DRO C10-C28	**55**	10	mg/Kg
ORO C28-C44	**160**	20	mg/Kg

469402-009 Surrogate	%REC	Limits
n-Triacontane	91	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B14-4.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-010	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-010 Analyte	Result	RL	Units
DRO C10-C28	ND	10	mg/Kg
ORO C28-C44	ND	20	mg/Kg

469402-010 Surrogate	%REC	Limits
n-Triacontane	82	70-130

Field ID:	B17-1.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-011	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-011 Analyte	Result	RL	Units
DRO C10-C28	ND	10	mg/Kg
ORO C28-C44	ND	20	mg/Kg

469402-011 Surrogate	%REC	Limits
n-Triacontane	88	70-130

Field ID:	B20-1.0'	**Dil'n Fac:**	10.00	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-012	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-012 Analyte	Result	RL	Units
DRO C10-C28	**630**	99	mg/Kg
ORO C28-C44	**940**	200	mg/Kg

469402-012 Surrogate	%REC	Limits
n-Triacontane	94	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B21-1.5'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-013	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-013 Analyte	Result	RL	Units
DRO C10-C28	**17**	9.9	mg/Kg
ORO C28-C44	**76**	20	mg/Kg

469402-013 Surrogate	%REC	Limits
n-Triacontane	77	70-130

Field ID:	B22-1.0'	**Dil'n Fac:**	2.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-014	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-014 Analyte	Result	RL	Units
DRO C10-C28	**44**	20	mg/Kg
ORO C28-C44	**180**	40	mg/Kg

469402-014 Surrogate	%REC	Limits
n-Triacontane	99	70-130

Field ID:	B23-2.5'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-015	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-015 Analyte	Result	RL	Units
DRO C10-C28	**11**	10	mg/Kg
ORO C28-C44	**57**	20	mg/Kg

469402-015 Surrogate	%REC	Limits
n-Triacontane	99	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B2-2.0'	**Dil'n Fac:**	1.000	**Analyzed:**	09/23/22
Type:	SAMPLE	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	469402-016	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES
Basis:	as received	**Prepared:**	09/23/22		

469402-016 Analyte	**Result**	**RL**	**Units**
DRO C10-C28	ND	10	mg/Kg
ORO C28-C44	ND	20	mg/Kg

469402-016 Surrogate	**%REC**	**Limits**
n-Triacontane	98	70-130

Type:	BLANK	**Batch#:**	297556	**Analysis:**	EPA 8015M
Lab ID:	QC1014916	**Prepared:**	09/23/22	**Analyst:**	MES
Matrix:	Soil	**Analyzed:**	09/23/22		
Dil'n Fac:	1.000	**Prep:**	EPA 3580		

QC1014916 Analyte	**Result**	**RL**	**Units**
DRO C10-C28	ND	10	mg/Kg
ORO C28-C44	ND	20	mg/Kg

QC1014916 Surrogate	**%REC**	**Limits**
n-Triacontane	86	70-130

Legend

***:** Value is outside QC limits

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Extractable Carbon Chain: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	LCS	**Batch#:**	297556	**Analysis:**	EPA 8015M
Lab ID:	QC1014917	**Prepared:**	09/23/22	**Analyst:**	MES
Matrix:	Soil	**Analyzed:**	09/23/22		
DiIn Fac:	1.000	**Prep:**	EPA 3580		

QC1014917 Analyte	Spiked	Result	%REC	Limits	Units
Diesel C10-C28	248.8	193.0	78	76-122	mg/Kg

QC1014917 Surrogate	%REC	Limits
n-Triacontane	81	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B21-1.5'	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MS	**Diln Fac:**	5.000	**Analyzed:**	09/23/22
MSS Lab ID:	469402-013	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	QC1014918	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES

QC1014918 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Diesel C10-C28	16.81	249.6	217.8	81	62-126	mg/Kg

QC1014918 Surrogate	%REC	Limits
n-Triacontane	82	70-130

Field ID:	B21-1.5'	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MSD	**Diln Fac:**	5.000	**Analyzed:**	09/23/22
MSS Lab ID:	469402-013	**Batch#:**	297556	**Prep:**	EPA 3580
Lab ID:	QC1014919	**Sampled:**	09/19/22	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	MES

QC1014919 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Diesel C10-C28	249.6	188.2	69	62-126	mg/Kg	15	35

QC1014919 Surrogate	%REC	Limits
n-Triacontane	76	70-130

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B5-0.5'	**Diln Fac:**	0.9311	**Analyzed:**	09/23/22
Lab ID:	469402-001	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	TCN

469402-001 Analyte	Result	RL	Units
Freon 12	ND	4.7	ug/Kg
Chloromethane	ND	4.7	ug/Kg
Vinyl Chloride	ND	4.7	ug/Kg
Bromomethane	ND	4.7	ug/Kg
Chloroethane	ND	4.7	ug/Kg
Trichlorofluoromethane	ND	4.7	ug/Kg
Acetone	ND	93	ug/Kg
Freon 113	ND	4.7	ug/Kg
1,1-Dichloroethene	ND	4.7	ug/Kg
Methylene Chloride	ND	4.7	ug/Kg
MTBE	ND	4.7	ug/Kg
trans-1,2-Dichloroethene	ND	4.7	ug/Kg
1,1-Dichloroethane	ND	4.7	ug/Kg
2-Butanone	ND	93	ug/Kg
cis-1,2-Dichloroethene	ND	4.7	ug/Kg
2,2-Dichloropropane	ND	4.7	ug/Kg
Chloroform	ND	4.7	ug/Kg
Bromochloromethane	ND	4.7	ug/Kg
1,1,1-Trichloroethane	ND	4.7	ug/Kg
1,1-Dichloropropene	ND	4.7	ug/Kg
Carbon Tetrachloride	ND	4.7	ug/Kg
1,2-Dichloroethane	ND	4.7	ug/Kg
Benzene	ND	4.7	ug/Kg
Trichloroethene	ND	4.7	ug/Kg
1,2-Dichloropropane	ND	4.7	ug/Kg
Bromodichloromethane	ND	4.7	ug/Kg
Dibromomethane	ND	4.7	ug/Kg
4-Methyl-2-Pentanone	ND	4.7	ug/Kg
cis-1,3-Dichloropropene	ND	4.7	ug/Kg
Toluene	ND	4.7	ug/Kg
trans-1,3-Dichloropropene	ND	4.7	ug/Kg
1,1,2-Trichloroethane	ND	4.7	ug/Kg
1,3-Dichloropropane	ND	4.7	ug/Kg
Tetrachloroethene	ND	4.7	ug/Kg
Dibromochloromethane	ND	4.7	ug/Kg
1,2-Dibromoethane	ND	4.7	ug/Kg
Chlorobenzene	ND	4.7	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg
Ethylbenzene	ND	4.7	ug/Kg
m,p-Xylenes	ND	9.3	ug/Kg
o-Xylene	ND	4.7	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-001 Analyte	Result	RL	Units
Styrene	ND	4.7	ug/Kg
Bromoform	ND	4.7	ug/Kg
Isopropylbenzene	ND	4.7	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg
1,2,3-Trichloropropane	ND	4.7	ug/Kg
Propylbenzene	ND	4.7	ug/Kg
Bromobenzene	ND	4.7	ug/Kg
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg
2-Chlorotoluene	ND	4.7	ug/Kg
4-Chlorotoluene	ND	4.7	ug/Kg
tert-Butylbenzene	ND	4.7	ug/Kg
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg
sec-Butylbenzene	ND	4.7	ug/Kg
para-Isopropyl Toluene	ND	4.7	ug/Kg
1,3-Dichlorobenzene	ND	4.7	ug/Kg
1,4-Dichlorobenzene	ND	4.7	ug/Kg
n-Butylbenzene	ND	4.7	ug/Kg
1,2-Dichlorobenzene	ND	4.7	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.7	ug/Kg
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg
Hexachlorobutadiene	ND	4.7	ug/Kg
Naphthalene	ND	4.7	ug/Kg
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg

469402-001 Surrogate	%REC	Limits
Dibromofluoromethane	112	70-145
1,2-Dichloroethane-d4	104	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	97	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B6-2.0'	**DiIn Fac:**	0.7899	**Analyzed:**	09/23/22
Lab ID:	469402-002	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-002 Analyte	Result	RL	Units
Freon 12	ND	3.9	ug/Kg
Chloromethane	ND	3.9	ug/Kg
Vinyl Chloride	ND	3.9	ug/Kg
Bromomethane	ND	3.9	ug/Kg
Chloroethane	ND	3.9	ug/Kg
Trichlorofluoromethane	ND	3.9	ug/Kg
Acetone	ND	79	ug/Kg
Freon 113	ND	3.9	ug/Kg
1,1-Dichloroethene	ND	3.9	ug/Kg
Methylene Chloride	ND	3.9	ug/Kg
MTBE	ND	3.9	ug/Kg
trans-1,2-Dichloroethene	ND	3.9	ug/Kg
1,1-Dichloroethane	ND	3.9	ug/Kg
2-Butanone	ND	79	ug/Kg
cis-1,2-Dichloroethene	ND	3.9	ug/Kg
2,2-Dichloropropane	ND	3.9	ug/Kg
Chloroform	ND	3.9	ug/Kg
Bromochloromethane	ND	3.9	ug/Kg
1,1,1-Trichloroethane	ND	3.9	ug/Kg
1,1-Dichloropropene	ND	3.9	ug/Kg
Carbon Tetrachloride	ND	3.9	ug/Kg
1,2-Dichloroethane	ND	3.9	ug/Kg
Benzene	ND	3.9	ug/Kg
Trichloroethene	ND	3.9	ug/Kg
1,2-Dichloropropane	ND	3.9	ug/Kg
Bromodichloromethane	ND	3.9	ug/Kg
Dibromomethane	ND	3.9	ug/Kg
4-Methyl-2-Pentanone	ND	3.9	ug/Kg
cis-1,3-Dichloropropene	ND	3.9	ug/Kg
Toluene	ND	3.9	ug/Kg
trans-1,3-Dichloropropene	ND	3.9	ug/Kg
1,1,2-Trichloroethane	ND	3.9	ug/Kg
1,3-Dichloropropane	ND	3.9	ug/Kg
Tetrachloroethene	ND	3.9	ug/Kg
Dibromochloromethane	ND	3.9	ug/Kg
1,2-Dibromoethane	ND	3.9	ug/Kg
Chlorobenzene	ND	3.9	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.9	ug/Kg
Ethylbenzene	ND	3.9	ug/Kg
m,p-Xylenes	ND	7.9	ug/Kg
o-Xylene	ND	3.9	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-002 Analyte	Result	RL	Units
Styrene	ND	3.9	ug/Kg
Bromoform	ND	3.9	ug/Kg
Isopropylbenzene	ND	3.9	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.9	ug/Kg
1,2,3-Trichloropropane	ND	3.9	ug/Kg
Propylbenzene	ND	3.9	ug/Kg
Bromobenzene	ND	3.9	ug/Kg
1,3,5-Trimethylbenzene	ND	3.9	ug/Kg
2-Chlorotoluene	ND	3.9	ug/Kg
4-Chlorotoluene	ND	3.9	ug/Kg
tert-Butylbenzene	ND	3.9	ug/Kg
1,2,4-Trimethylbenzene	ND	3.9	ug/Kg
sec-Butylbenzene	ND	3.9	ug/Kg
para-Isopropyl Toluene	ND	3.9	ug/Kg
1,3-Dichlorobenzene	ND	3.9	ug/Kg
1,4-Dichlorobenzene	ND	3.9	ug/Kg
n-Butylbenzene	ND	3.9	ug/Kg
1,2-Dichlorobenzene	ND	3.9	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.9	ug/Kg
1,2,4-Trichlorobenzene	ND	3.9	ug/Kg
Hexachlorobutadiene	ND	3.9	ug/Kg
Naphthalene	ND	3.9	ug/Kg
1,2,3-Trichlorobenzene	ND	3.9	ug/Kg

469402-002 Surrogate	%REC	Limits
Dibromofluoromethane	115	70-145
1,2-Dichloroethane-d4	104	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	97	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B7-1.5'	**DiIn Fac:**	0.7032	**Analyzed:**	09/23/22
Lab ID:	469402-003	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-003 Analyte	Result	RL	Units
Freon 12	ND	3.5	ug/Kg
Chloromethane	ND	3.5	ug/Kg
Vinyl Chloride	ND	3.5	ug/Kg
Bromomethane	ND	3.5	ug/Kg
Chloroethane	ND	3.5	ug/Kg
Trichlorofluoromethane	ND	3.5	ug/Kg
Acetone	ND	70	ug/Kg
Freon 113	ND	3.5	ug/Kg
1,1-Dichloroethene	ND	3.5	ug/Kg
Methylene Chloride	ND	3.5	ug/Kg
MTBE	ND	3.5	ug/Kg
trans-1,2-Dichloroethene	ND	3.5	ug/Kg
1,1-Dichloroethane	ND	3.5	ug/Kg
2-Butanone	ND	70	ug/Kg
cis-1,2-Dichloroethene	ND	3.5	ug/Kg
2,2-Dichloropropane	ND	3.5	ug/Kg
Chloroform	ND	3.5	ug/Kg
Bromochloromethane	ND	3.5	ug/Kg
1,1,1-Trichloroethane	ND	3.5	ug/Kg
1,1-Dichloropropene	ND	3.5	ug/Kg
Carbon Tetrachloride	ND	3.5	ug/Kg
1,2-Dichloroethane	ND	3.5	ug/Kg
Benzene	ND	3.5	ug/Kg
Trichloroethene	ND	3.5	ug/Kg
1,2-Dichloropropane	ND	3.5	ug/Kg
Bromodichloromethane	ND	3.5	ug/Kg
Dibromomethane	ND	3.5	ug/Kg
4-Methyl-2-Pentanone	ND	3.5	ug/Kg
cis-1,3-Dichloropropene	ND	3.5	ug/Kg
Toluene	ND	3.5	ug/Kg
trans-1,3-Dichloropropene	ND	3.5	ug/Kg
1,1,2-Trichloroethane	ND	3.5	ug/Kg
1,3-Dichloropropane	ND	3.5	ug/Kg
Tetrachloroethene	ND	3.5	ug/Kg
Dibromochloromethane	ND	3.5	ug/Kg
1,2-Dibromoethane	ND	3.5	ug/Kg
Chlorobenzene	ND	3.5	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.5	ug/Kg
Ethylbenzene	ND	3.5	ug/Kg
m,p-Xylenes	ND	7.0	ug/Kg
o-Xylene	ND	3.5	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-003 Analyte	Result	RL	Units
Styrene	ND	3.5	ug/Kg
Bromoform	ND	3.5	ug/Kg
Isopropylbenzene	ND	3.5	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg
1,2,3-Trichloropropane	ND	3.5	ug/Kg
Propylbenzene	ND	3.5	ug/Kg
Bromobenzene	ND	3.5	ug/Kg
1,3,5-Trimethylbenzene	ND	3.5	ug/Kg
2-Chlorotoluene	ND	3.5	ug/Kg
4-Chlorotoluene	ND	3.5	ug/Kg
tert-Butylbenzene	ND	3.5	ug/Kg
1,2,4-Trimethylbenzene	ND	3.5	ug/Kg
sec-Butylbenzene	ND	3.5	ug/Kg
para-Isopropyl Toluene	ND	3.5	ug/Kg
1,3-Dichlorobenzene	ND	3.5	ug/Kg
1,4-Dichlorobenzene	ND	3.5	ug/Kg
n-Butylbenzene	ND	3.5	ug/Kg
1,2-Dichlorobenzene	ND	3.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.5	ug/Kg
1,2,4-Trichlorobenzene	ND	3.5	ug/Kg
Hexachlorobutadiene	ND	3.5	ug/Kg
Naphthalene	ND	3.5	ug/Kg
1,2,3-Trichlorobenzene	ND	3.5	ug/Kg

469402-003 Surrogate	%REC	Limits
Dibromofluoromethane	116	70-145
1,2-Dichloroethane-d4	103	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	97	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B8-1.0'	**DiIn Fac:**	0.6394	**Analyzed:**	09/23/22
Lab ID:	469402-004	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-004 Analyte	Result	RL	Units
Freon 12	ND	3.2	ug/Kg
Chloromethane	ND	3.2	ug/Kg
Vinyl Chloride	ND	3.2	ug/Kg
Bromomethane	ND	3.2	ug/Kg
Chloroethane	ND	3.2	ug/Kg
Trichlorofluoromethane	ND	3.2	ug/Kg
Acetone	ND	64	ug/Kg
Freon 113	ND	3.2	ug/Kg
1,1-Dichloroethene	ND	3.2	ug/Kg
Methylene Chloride	ND	3.2	ug/Kg
MTBE	ND	3.2	ug/Kg
trans-1,2-Dichloroethene	ND	3.2	ug/Kg
1,1-Dichloroethane	ND	3.2	ug/Kg
2-Butanone	ND	64	ug/Kg
cis-1,2-Dichloroethene	ND	3.2	ug/Kg
2,2-Dichloropropane	ND	3.2	ug/Kg
Chloroform	ND	3.2	ug/Kg
Bromochloromethane	ND	3.2	ug/Kg
1,1,1-Trichloroethane	ND	3.2	ug/Kg
1,1-Dichloropropene	ND	3.2	ug/Kg
Carbon Tetrachloride	ND	3.2	ug/Kg
1,2-Dichloroethane	ND	3.2	ug/Kg
Benzene	ND	3.2	ug/Kg
Trichloroethene	ND	3.2	ug/Kg
1,2-Dichloropropane	ND	3.2	ug/Kg
Bromodichloromethane	ND	3.2	ug/Kg
Dibromomethane	ND	3.2	ug/Kg
4-Methyl-2-Pentanone	ND	3.2	ug/Kg
cis-1,3-Dichloropropene	ND	3.2	ug/Kg
Toluene	ND	3.2	ug/Kg
trans-1,3-Dichloropropene	ND	3.2	ug/Kg
1,1,2-Trichloroethane	ND	3.2	ug/Kg
1,3-Dichloropropane	ND	3.2	ug/Kg
Tetrachloroethene	ND	3.2	ug/Kg
Dibromochloromethane	ND	3.2	ug/Kg
1,2-Dibromoethane	ND	3.2	ug/Kg
Chlorobenzene	ND	3.2	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.2	ug/Kg
Ethylbenzene	ND	3.2	ug/Kg
m,p-Xylenes	ND	6.4	ug/Kg
o-Xylene	ND	3.2	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-004 Analyte	Result	RL	Units
Styrene	ND	3.2	ug/Kg
Bromoform	ND	3.2	ug/Kg
Isopropylbenzene	ND	3.2	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg
1,2,3-Trichloropropane	ND	3.2	ug/Kg
Propylbenzene	ND	3.2	ug/Kg
Bromobenzene	ND	3.2	ug/Kg
1,3,5-Trimethylbenzene	ND	3.2	ug/Kg
2-Chlorotoluene	ND	3.2	ug/Kg
4-Chlorotoluene	ND	3.2	ug/Kg
tert-Butylbenzene	ND	3.2	ug/Kg
1,2,4-Trimethylbenzene	ND	3.2	ug/Kg
sec-Butylbenzene	ND	3.2	ug/Kg
para-Isopropyl Toluene	ND	3.2	ug/Kg
1,3-Dichlorobenzene	ND	3.2	ug/Kg
1,4-Dichlorobenzene	ND	3.2	ug/Kg
n-Butylbenzene	ND	3.2	ug/Kg
1,2-Dichlorobenzene	ND	3.2	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.2	ug/Kg
1,2,4-Trichlorobenzene	ND	3.2	ug/Kg
Hexachlorobutadiene	ND	3.2	ug/Kg
Naphthalene	ND	3.2	ug/Kg
1,2,3-Trichlorobenzene	ND	3.2	ug/Kg

469402-004 Surrogate	%REC	Limits
Dibromofluoromethane	118	70-145
1,2-Dichloroethane-d4	108	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	96	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B9-3.5'	**DiIn Fac:**	0.6993	**Analyzed:**	09/23/22
Lab ID:	469402-005	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-005 Analyte	Result	RL	Units
Freon 12	ND	3.5	ug/Kg
Chloromethane	ND	3.5	ug/Kg
Vinyl Chloride	ND	3.5	ug/Kg
Bromomethane	ND	3.5	ug/Kg
Chloroethane	ND	3.5	ug/Kg
Trichlorofluoromethane	ND	3.5	ug/Kg
Acetone	ND	70	ug/Kg
Freon 113	ND	3.5	ug/Kg
1,1-Dichloroethene	ND	3.5	ug/Kg
Methylene Chloride	ND	3.5	ug/Kg
MTBE	ND	3.5	ug/Kg
trans-1,2-Dichloroethene	ND	3.5	ug/Kg
1,1-Dichloroethane	ND	3.5	ug/Kg
2-Butanone	ND	70	ug/Kg
cis-1,2-Dichloroethene	ND	3.5	ug/Kg
2,2-Dichloropropane	ND	3.5	ug/Kg
Chloroform	ND	3.5	ug/Kg
Bromochloromethane	ND	3.5	ug/Kg
1,1,1-Trichloroethane	ND	3.5	ug/Kg
1,1-Dichloropropene	ND	3.5	ug/Kg
Carbon Tetrachloride	ND	3.5	ug/Kg
1,2-Dichloroethane	ND	3.5	ug/Kg
Benzene	ND	3.5	ug/Kg
Trichloroethene	ND	3.5	ug/Kg
1,2-Dichloropropane	ND	3.5	ug/Kg
Bromodichloromethane	ND	3.5	ug/Kg
Dibromomethane	ND	3.5	ug/Kg
4-Methyl-2-Pentanone	ND	3.5	ug/Kg
cis-1,3-Dichloropropene	ND	3.5	ug/Kg
Toluene	ND	3.5	ug/Kg
trans-1,3-Dichloropropene	ND	3.5	ug/Kg
1,1,2-Trichloroethane	ND	3.5	ug/Kg
1,3-Dichloropropane	ND	3.5	ug/Kg
Tetrachloroethene	ND	3.5	ug/Kg
Dibromochloromethane	ND	3.5	ug/Kg
1,2-Dibromoethane	ND	3.5	ug/Kg
Chlorobenzene	ND	3.5	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.5	ug/Kg
Ethylbenzene	ND	3.5	ug/Kg
m,p-Xylenes	ND	7.0	ug/Kg
o-Xylene	ND	3.5	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-005 Analyte	Result	RL	Units
Styrene	ND	3.5	ug/Kg
Bromoform	ND	3.5	ug/Kg
Isopropylbenzene	ND	3.5	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg
1,2,3-Trichloropropane	ND	3.5	ug/Kg
Propylbenzene	ND	3.5	ug/Kg
Bromobenzene	ND	3.5	ug/Kg
1,3,5-Trimethylbenzene	ND	3.5	ug/Kg
2-Chlorotoluene	ND	3.5	ug/Kg
4-Chlorotoluene	ND	3.5	ug/Kg
tert-Butylbenzene	ND	3.5	ug/Kg
1,2,4-Trimethylbenzene	ND	3.5	ug/Kg
sec-Butylbenzene	ND	3.5	ug/Kg
para-Isopropyl Toluene	ND	3.5	ug/Kg
1,3-Dichlorobenzene	ND	3.5	ug/Kg
1,4-Dichlorobenzene	ND	3.5	ug/Kg
n-Butylbenzene	ND	3.5	ug/Kg
1,2-Dichlorobenzene	ND	3.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.5	ug/Kg
1,2,4-Trichlorobenzene	ND	3.5	ug/Kg
Hexachlorobutadiene	ND	3.5	ug/Kg
Naphthalene	ND	3.5	ug/Kg
1,2,3-Trichlorobenzene	ND	3.5	ug/Kg

469402-005 Surrogate	%REC	Limits
Dibromofluoromethane	114	70-145
1,2-Dichloroethane-d4	105	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	100	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B10-3.0'	**DiIn Fac:**	0.6739	**Analyzed:**	09/23/22
Lab ID:	469402-006	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-006 Analyte	Result	RL	Units
Freon 12	ND	3.4	ug/Kg
Chloromethane	ND	3.4	ug/Kg
Vinyl Chloride	ND	3.4	ug/Kg
Bromomethane	ND	3.4	ug/Kg
Chloroethane	ND	3.4	ug/Kg
Trichlorofluoromethane	ND	3.4	ug/Kg
Acetone	ND	67	ug/Kg
Freon 113	ND	3.4	ug/Kg
1,1-Dichloroethene	ND	3.4	ug/Kg
Methylene Chloride	ND	3.4	ug/Kg
MTBE	ND	3.4	ug/Kg
trans-1,2-Dichloroethene	ND	3.4	ug/Kg
1,1-Dichloroethane	ND	3.4	ug/Kg
2-Butanone	ND	67	ug/Kg
cis-1,2-Dichloroethene	ND	3.4	ug/Kg
2,2-Dichloropropane	ND	3.4	ug/Kg
Chloroform	ND	3.4	ug/Kg
Bromochloromethane	ND	3.4	ug/Kg
1,1,1-Trichloroethane	ND	3.4	ug/Kg
1,1-Dichloropropene	ND	3.4	ug/Kg
Carbon Tetrachloride	ND	3.4	ug/Kg
1,2-Dichloroethane	ND	3.4	ug/Kg
Benzene	ND	3.4	ug/Kg
Trichloroethene	ND	3.4	ug/Kg
1,2-Dichloropropane	ND	3.4	ug/Kg
Bromodichloromethane	ND	3.4	ug/Kg
Dibromomethane	ND	3.4	ug/Kg
4-Methyl-2-Pentanone	ND	3.4	ug/Kg
cis-1,3-Dichloropropene	ND	3.4	ug/Kg
Toluene	ND	3.4	ug/Kg
trans-1,3-Dichloropropene	ND	3.4	ug/Kg
1,1,2-Trichloroethane	ND	3.4	ug/Kg
1,3-Dichloropropane	ND	3.4	ug/Kg
Tetrachloroethene	ND	3.4	ug/Kg
Dibromochloromethane	ND	3.4	ug/Kg
1,2-Dibromoethane	ND	3.4	ug/Kg
Chlorobenzene	ND	3.4	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.4	ug/Kg
Ethylbenzene	ND	3.4	ug/Kg
m,p-Xylenes	ND	6.7	ug/Kg
o-Xylene	ND	3.4	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-006 Analyte	Result	RL	Units
Styrene	ND	3.4	ug/Kg
Bromoform	ND	3.4	ug/Kg
Isopropylbenzene	ND	3.4	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg
1,2,3-Trichloropropane	ND	3.4	ug/Kg
Propylbenzene	ND	3.4	ug/Kg
Bromobenzene	ND	3.4	ug/Kg
1,3,5-Trimethylbenzene	ND	3.4	ug/Kg
2-Chlorotoluene	ND	3.4	ug/Kg
4-Chlorotoluene	ND	3.4	ug/Kg
tert-Butylbenzene	ND	3.4	ug/Kg
1,2,4-Trimethylbenzene	ND	3.4	ug/Kg
sec-Butylbenzene	ND	3.4	ug/Kg
para-Isopropyl Toluene	ND	3.4	ug/Kg
1,3-Dichlorobenzene	ND	3.4	ug/Kg
1,4-Dichlorobenzene	ND	3.4	ug/Kg
n-Butylbenzene	ND	3.4	ug/Kg
1,2-Dichlorobenzene	ND	3.4	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.4	ug/Kg
1,2,4-Trichlorobenzene	ND	3.4	ug/Kg
Hexachlorobutadiene	ND	3.4	ug/Kg
Naphthalene	ND	3.4	ug/Kg
1,2,3-Trichlorobenzene	ND	3.4	ug/Kg

469402-006 Surrogate	%REC	Limits
Dibromofluoromethane	116	70-145
1,2-Dichloroethane-d4	106	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	97	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B11-1.0'	**DiIn Fac:**	0.6579	**Analyzed:**	09/23/22
Lab ID:	469402-007	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-007 Analyte	Result	RL	Units
Freon 12	ND	3.3	ug/Kg
Chloromethane	ND	3.3	ug/Kg
Vinyl Chloride	ND	3.3	ug/Kg
Bromomethane	ND	3.3	ug/Kg
Chloroethane	ND	3.3	ug/Kg
Trichlorofluoromethane	ND	3.3	ug/Kg
Acetone	ND	66	ug/Kg
Freon 113	ND	3.3	ug/Kg
1,1-Dichloroethene	ND	3.3	ug/Kg
Methylene Chloride	ND	3.3	ug/Kg
MTBE	ND	3.3	ug/Kg
trans-1,2-Dichloroethene	ND	3.3	ug/Kg
1,1-Dichloroethane	ND	3.3	ug/Kg
2-Butanone	ND	66	ug/Kg
cis-1,2-Dichloroethene	ND	3.3	ug/Kg
2,2-Dichloropropane	ND	3.3	ug/Kg
Chloroform	ND	3.3	ug/Kg
Bromochloromethane	ND	3.3	ug/Kg
1,1,1-Trichloroethane	ND	3.3	ug/Kg
1,1-Dichloropropene	ND	3.3	ug/Kg
Carbon Tetrachloride	ND	3.3	ug/Kg
1,2-Dichloroethane	ND	3.3	ug/Kg
Benzene	ND	3.3	ug/Kg
Trichloroethene	ND	3.3	ug/Kg
1,2-Dichloropropane	ND	3.3	ug/Kg
Bromodichloromethane	ND	3.3	ug/Kg
Dibromomethane	ND	3.3	ug/Kg
4-Methyl-2-Pentanone	ND	3.3	ug/Kg
cis-1,3-Dichloropropene	ND	3.3	ug/Kg
Toluene	ND	3.3	ug/Kg
trans-1,3-Dichloropropene	ND	3.3	ug/Kg
1,1,2-Trichloroethane	ND	3.3	ug/Kg
1,3-Dichloropropane	ND	3.3	ug/Kg
Tetrachloroethene	ND	3.3	ug/Kg
Dibromochloromethane	ND	3.3	ug/Kg
1,2-Dibromoethane	ND	3.3	ug/Kg
Chlorobenzene	ND	3.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.3	ug/Kg
Ethylbenzene	ND	3.3	ug/Kg
m,p-Xylenes	ND	6.6	ug/Kg
o-Xylene	ND	3.3	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-007 Analyte	Result	RL	Units
Styrene	ND	3.3	ug/Kg
Bromoform	ND	3.3	ug/Kg
Isopropylbenzene	ND	3.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg
1,2,3-Trichloropropane	ND	3.3	ug/Kg
Propylbenzene	ND	3.3	ug/Kg
Bromobenzene	ND	3.3	ug/Kg
1,3,5-Trimethylbenzene	ND	3.3	ug/Kg
2-Chlorotoluene	ND	3.3	ug/Kg
4-Chlorotoluene	ND	3.3	ug/Kg
tert-Butylbenzene	ND	3.3	ug/Kg
1,2,4-Trimethylbenzene	ND	3.3	ug/Kg
sec-Butylbenzene	ND	3.3	ug/Kg
para-Isopropyl Toluene	ND	3.3	ug/Kg
1,3-Dichlorobenzene	ND	3.3	ug/Kg
1,4-Dichlorobenzene	ND	3.3	ug/Kg
n-Butylbenzene	ND	3.3	ug/Kg
1,2-Dichlorobenzene	ND	3.3	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.3	ug/Kg
1,2,4-Trichlorobenzene	ND	3.3	ug/Kg
Hexachlorobutadiene	ND	3.3	ug/Kg
Naphthalene	ND	3.3	ug/Kg
1,2,3-Trichlorobenzene	ND	3.3	ug/Kg

469402-007 Surrogate	%REC	Limits
Dibromofluoromethane	115	70-145
1,2-Dichloroethane-d4	105	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	101	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B12-4.0'	**DiIn Fac:**	0.6964	**Analyzed:**	09/23/22
Lab ID:	469402-008	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-008 Analyte	Result	RL	Units
Freon 12	ND	3.5	ug/Kg
Chloromethane	ND	3.5	ug/Kg
Vinyl Chloride	ND	3.5	ug/Kg
Bromomethane	ND	3.5	ug/Kg
Chloroethane	ND	3.5	ug/Kg
Trichlorofluoromethane	ND	3.5	ug/Kg
Acetone	ND	70	ug/Kg
Freon 113	ND	3.5	ug/Kg
1,1-Dichloroethene	ND	3.5	ug/Kg
Methylene Chloride	ND	3.5	ug/Kg
MTBE	ND	3.5	ug/Kg
trans-1,2-Dichloroethene	ND	3.5	ug/Kg
1,1-Dichloroethane	ND	3.5	ug/Kg
2-Butanone	ND	70	ug/Kg
cis-1,2-Dichloroethene	ND	3.5	ug/Kg
2,2-Dichloropropane	ND	3.5	ug/Kg
Chloroform	ND	3.5	ug/Kg
Bromochloromethane	ND	3.5	ug/Kg
1,1,1-Trichloroethane	ND	3.5	ug/Kg
1,1-Dichloropropene	ND	3.5	ug/Kg
Carbon Tetrachloride	ND	3.5	ug/Kg
1,2-Dichloroethane	ND	3.5	ug/Kg
Benzene	ND	3.5	ug/Kg
Trichloroethene	ND	3.5	ug/Kg
1,2-Dichloropropane	ND	3.5	ug/Kg
Bromodichloromethane	ND	3.5	ug/Kg
Dibromomethane	ND	3.5	ug/Kg
4-Methyl-2-Pentanone	ND	3.5	ug/Kg
cis-1,3-Dichloropropene	ND	3.5	ug/Kg
Toluene	ND	3.5	ug/Kg
trans-1,3-Dichloropropene	ND	3.5	ug/Kg
1,1,2-Trichloroethane	ND	3.5	ug/Kg
1,3-Dichloropropane	ND	3.5	ug/Kg
Tetrachloroethene	ND	3.5	ug/Kg
Dibromochloromethane	ND	3.5	ug/Kg
1,2-Dibromoethane	ND	3.5	ug/Kg
Chlorobenzene	ND	3.5	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.5	ug/Kg
Ethylbenzene	ND	3.5	ug/Kg
m,p-Xylenes	ND	7.0	ug/Kg
o-Xylene	ND	3.5	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-008 Analyte	Result	RL	Units
Styrene	ND	3.5	ug/Kg
Bromoform	ND	3.5	ug/Kg
Isopropylbenzene	ND	3.5	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg
1,2,3-Trichloropropane	ND	3.5	ug/Kg
Propylbenzene	ND	3.5	ug/Kg
Bromobenzene	ND	3.5	ug/Kg
1,3,5-Trimethylbenzene	ND	3.5	ug/Kg
2-Chlorotoluene	ND	3.5	ug/Kg
4-Chlorotoluene	ND	3.5	ug/Kg
tert-Butylbenzene	ND	3.5	ug/Kg
1,2,4-Trimethylbenzene	ND	3.5	ug/Kg
sec-Butylbenzene	ND	3.5	ug/Kg
para-Isopropyl Toluene	ND	3.5	ug/Kg
1,3-Dichlorobenzene	ND	3.5	ug/Kg
1,4-Dichlorobenzene	ND	3.5	ug/Kg
n-Butylbenzene	ND	3.5	ug/Kg
1,2-Dichlorobenzene	ND	3.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.5	ug/Kg
1,2,4-Trichlorobenzene	ND	3.5	ug/Kg
Hexachlorobutadiene	ND	3.5	ug/Kg
Naphthalene	ND	3.5	ug/Kg
1,2,3-Trichlorobenzene	ND	3.5	ug/Kg

469402-008 Surrogate	%REC	Limits
Dibromofluoromethane	112	70-145
1,2-Dichloroethane-d4	105	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	98	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B13-3.0'	**DiIn Fac:**	0.6570	**Analyzed:**	09/23/22
Lab ID:	469402-009	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-009 Analyte	Result	RL	Units
Freon 12	ND	3.3	ug/Kg
Chloromethane	ND	3.3	ug/Kg
Vinyl Chloride	ND	3.3	ug/Kg
Bromomethane	ND	3.3	ug/Kg
Chloroethane	ND	3.3	ug/Kg
Trichlorofluoromethane	ND	3.3	ug/Kg
Acetone	ND	66	ug/Kg
Freon 113	ND	3.3	ug/Kg
1,1-Dichloroethene	ND	3.3	ug/Kg
Methylene Chloride	ND	3.3	ug/Kg
MTBE	ND	3.3	ug/Kg
trans-1,2-Dichloroethene	ND	3.3	ug/Kg
1,1-Dichloroethane	ND	3.3	ug/Kg
2-Butanone	ND	66	ug/Kg
cis-1,2-Dichloroethene	ND	3.3	ug/Kg
2,2-Dichloropropane	ND	3.3	ug/Kg
Chloroform	ND	3.3	ug/Kg
Bromochloromethane	ND	3.3	ug/Kg
1,1,1-Trichloroethane	ND	3.3	ug/Kg
1,1-Dichloropropene	ND	3.3	ug/Kg
Carbon Tetrachloride	ND	3.3	ug/Kg
1,2-Dichloroethane	ND	3.3	ug/Kg
Benzene	ND	3.3	ug/Kg
Trichloroethene	ND	3.3	ug/Kg
1,2-Dichloropropane	ND	3.3	ug/Kg
Bromodichloromethane	ND	3.3	ug/Kg
Dibromomethane	ND	3.3	ug/Kg
4-Methyl-2-Pentanone	ND	3.3	ug/Kg
cis-1,3-Dichloropropene	ND	3.3	ug/Kg
Toluene	ND	3.3	ug/Kg
trans-1,3-Dichloropropene	ND	3.3	ug/Kg
1,1,2-Trichloroethane	ND	3.3	ug/Kg
1,3-Dichloropropane	ND	3.3	ug/Kg
Tetrachloroethene	ND	3.3	ug/Kg
Dibromochloromethane	ND	3.3	ug/Kg
1,2-Dibromoethane	ND	3.3	ug/Kg
Chlorobenzene	ND	3.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.3	ug/Kg
Ethylbenzene	ND	3.3	ug/Kg
m,p-Xylenes	ND	6.6	ug/Kg
o-Xylene	ND	3.3	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-009 Analyte	Result	RL	Units
Styrene	ND	3.3	ug/Kg
Bromoform	ND	3.3	ug/Kg
Isopropylbenzene	ND	3.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg
1,2,3-Trichloropropane	ND	3.3	ug/Kg
Propylbenzene	ND	3.3	ug/Kg
Bromobenzene	ND	3.3	ug/Kg
1,3,5-Trimethylbenzene	ND	3.3	ug/Kg
2-Chlorotoluene	ND	3.3	ug/Kg
4-Chlorotoluene	ND	3.3	ug/Kg
tert-Butylbenzene	ND	3.3	ug/Kg
1,2,4-Trimethylbenzene	ND	3.3	ug/Kg
sec-Butylbenzene	ND	3.3	ug/Kg
para-Isopropyl Toluene	ND	3.3	ug/Kg
1,3-Dichlorobenzene	ND	3.3	ug/Kg
1,4-Dichlorobenzene	ND	3.3	ug/Kg
n-Butylbenzene	ND	3.3	ug/Kg
1,2-Dichlorobenzene	ND	3.3	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.3	ug/Kg
1,2,4-Trichlorobenzene	ND	3.3	ug/Kg
Hexachlorobutadiene	ND	3.3	ug/Kg
Naphthalene	ND	3.3	ug/Kg
1,2,3-Trichlorobenzene	ND	3.3	ug/Kg

469402-009 Surrogate	%REC	Limits
Dibromofluoromethane	116	70-145
1,2-Dichloroethane-d4	106	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	100	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B14-4.0'	**DiIn Fac:**	0.6935	**Analyzed:**	09/23/22
Lab ID:	469402-010	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-010 Analyte	Result	RL	Units
Freon 12	ND	3.5	ug/Kg
Chloromethane	ND	3.5	ug/Kg
Vinyl Chloride	ND	3.5	ug/Kg
Bromomethane	ND	3.5	ug/Kg
Chloroethane	ND	3.5	ug/Kg
Trichlorofluoromethane	ND	3.5	ug/Kg
Acetone	ND	69	ug/Kg
Freon 113	ND	3.5	ug/Kg
1,1-Dichloroethene	ND	3.5	ug/Kg
Methylene Chloride	ND	3.5	ug/Kg
MTBE	ND	3.5	ug/Kg
trans-1,2-Dichloroethene	ND	3.5	ug/Kg
1,1-Dichloroethane	ND	3.5	ug/Kg
2-Butanone	ND	69	ug/Kg
cis-1,2-Dichloroethene	ND	3.5	ug/Kg
2,2-Dichloropropane	ND	3.5	ug/Kg
Chloroform	ND	3.5	ug/Kg
Bromochloromethane	ND	3.5	ug/Kg
1,1,1-Trichloroethane	ND	3.5	ug/Kg
1,1-Dichloropropene	ND	3.5	ug/Kg
Carbon Tetrachloride	ND	3.5	ug/Kg
1,2-Dichloroethane	ND	3.5	ug/Kg
Benzene	ND	3.5	ug/Kg
Trichloroethene	ND	3.5	ug/Kg
1,2-Dichloropropane	ND	3.5	ug/Kg
Bromodichloromethane	ND	3.5	ug/Kg
Dibromomethane	ND	3.5	ug/Kg
4-Methyl-2-Pentanone	ND	3.5	ug/Kg
cis-1,3-Dichloropropene	ND	3.5	ug/Kg
Toluene	ND	3.5	ug/Kg
trans-1,3-Dichloropropene	ND	3.5	ug/Kg
1,1,2-Trichloroethane	ND	3.5	ug/Kg
1,3-Dichloropropane	ND	3.5	ug/Kg
Tetrachloroethene	ND	3.5	ug/Kg
Dibromochloromethane	ND	3.5	ug/Kg
1,2-Dibromoethane	ND	3.5	ug/Kg
Chlorobenzene	ND	3.5	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.5	ug/Kg
Ethylbenzene	ND	3.5	ug/Kg
m,p-Xylenes	ND	6.9	ug/Kg
o-Xylene	ND	3.5	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-010 Analyte	Result	RL	Units
Styrene	ND	3.5	ug/Kg
Bromoform	ND	3.5	ug/Kg
Isopropylbenzene	ND	3.5	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg
1,2,3-Trichloropropane	ND	3.5	ug/Kg
Propylbenzene	ND	3.5	ug/Kg
Bromobenzene	ND	3.5	ug/Kg
1,3,5-Trimethylbenzene	ND	3.5	ug/Kg
2-Chlorotoluene	ND	3.5	ug/Kg
4-Chlorotoluene	ND	3.5	ug/Kg
tert-Butylbenzene	ND	3.5	ug/Kg
1,2,4-Trimethylbenzene	ND	3.5	ug/Kg
sec-Butylbenzene	ND	3.5	ug/Kg
para-Isopropyl Toluene	ND	3.5	ug/Kg
1,3-Dichlorobenzene	ND	3.5	ug/Kg
1,4-Dichlorobenzene	ND	3.5	ug/Kg
n-Butylbenzene	ND	3.5	ug/Kg
1,2-Dichlorobenzene	ND	3.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.5	ug/Kg
1,2,4-Trichlorobenzene	ND	3.5	ug/Kg
Hexachlorobutadiene	ND	3.5	ug/Kg
Naphthalene	ND	3.5	ug/Kg
1,2,3-Trichlorobenzene	ND	3.5	ug/Kg

469402-010 Surrogate	%REC	Limits
Dibromofluoromethane	114	70-145
1,2-Dichloroethane-d4	105	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	98	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B17-1.0'	**DiIn Fac:**	0.7267	**Analyzed:**	09/23/22
Lab ID:	469402-011	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-011 Analyte	Result	RL	Units
Freon 12	ND	3.6	ug/Kg
Chloromethane	ND	3.6	ug/Kg
Vinyl Chloride	ND	3.6	ug/Kg
Bromomethane	ND	3.6	ug/Kg
Chloroethane	ND	3.6	ug/Kg
Trichlorofluoromethane	ND	3.6	ug/Kg
Acetone	ND	73	ug/Kg
Freon 113	ND	3.6	ug/Kg
1,1-Dichloroethene	ND	3.6	ug/Kg
Methylene Chloride	ND	3.6	ug/Kg
MTBE	ND	3.6	ug/Kg
trans-1,2-Dichloroethene	ND	3.6	ug/Kg
1,1-Dichloroethane	ND	3.6	ug/Kg
2-Butanone	ND	73	ug/Kg
cis-1,2-Dichloroethene	ND	3.6	ug/Kg
2,2-Dichloropropane	ND	3.6	ug/Kg
Chloroform	ND	3.6	ug/Kg
Bromochloromethane	ND	3.6	ug/Kg
1,1,1-Trichloroethane	ND	3.6	ug/Kg
1,1-Dichloropropene	ND	3.6	ug/Kg
Carbon Tetrachloride	ND	3.6	ug/Kg
1,2-Dichloroethane	ND	3.6	ug/Kg
Benzene	ND	3.6	ug/Kg
Trichloroethene	ND	3.6	ug/Kg
1,2-Dichloropropane	ND	3.6	ug/Kg
Bromodichloromethane	ND	3.6	ug/Kg
Dibromomethane	ND	3.6	ug/Kg
4-Methyl-2-Pentanone	ND	3.6	ug/Kg
cis-1,3-Dichloropropene	ND	3.6	ug/Kg
Toluene	ND	3.6	ug/Kg
trans-1,3-Dichloropropene	ND	3.6	ug/Kg
1,1,2-Trichloroethane	ND	3.6	ug/Kg
1,3-Dichloropropane	ND	3.6	ug/Kg
Tetrachloroethene	ND	3.6	ug/Kg
Dibromochloromethane	ND	3.6	ug/Kg
1,2-Dibromoethane	ND	3.6	ug/Kg
Chlorobenzene	ND	3.6	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.6	ug/Kg
Ethylbenzene	ND	3.6	ug/Kg
m,p-Xylenes	ND	7.3	ug/Kg
o-Xylene	ND	3.6	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-011 Analyte	Result	RL	Units
Styrene	ND	3.6	ug/Kg
Bromoform	ND	3.6	ug/Kg
Isopropylbenzene	ND	3.6	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg
1,2,3-Trichloropropane	ND	3.6	ug/Kg
Propylbenzene	ND	3.6	ug/Kg
Bromobenzene	ND	3.6	ug/Kg
1,3,5-Trimethylbenzene	ND	3.6	ug/Kg
2-Chlorotoluene	ND	3.6	ug/Kg
4-Chlorotoluene	ND	3.6	ug/Kg
tert-Butylbenzene	ND	3.6	ug/Kg
1,2,4-Trimethylbenzene	ND	3.6	ug/Kg
sec-Butylbenzene	ND	3.6	ug/Kg
para-Isopropyl Toluene	ND	3.6	ug/Kg
1,3-Dichlorobenzene	ND	3.6	ug/Kg
1,4-Dichlorobenzene	ND	3.6	ug/Kg
n-Butylbenzene	ND	3.6	ug/Kg
1,2-Dichlorobenzene	ND	3.6	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.6	ug/Kg
1,2,4-Trichlorobenzene	ND	3.6	ug/Kg
Hexachlorobutadiene	ND	3.6	ug/Kg
Naphthalene	ND	3.6	ug/Kg
1,2,3-Trichlorobenzene	ND	3.6	ug/Kg

469402-011 Surrogate	%REC	Limits
Dibromofluoromethane	116	70-145
1,2-Dichloroethane-d4	106	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	97	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B20-1.0'	**DiIn Fac:**	0.6667	**Analyzed:**	09/23/22
Lab ID:	469402-012	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-012 Analyte	Result	RL	Units
Freon 12	ND	3.3	ug/Kg
Chloromethane	ND	3.3	ug/Kg
Vinyl Chloride	ND	3.3	ug/Kg
Bromomethane	ND	3.3	ug/Kg
Chloroethane	ND	3.3	ug/Kg
Trichlorofluoromethane	ND	3.3	ug/Kg
Acetone	ND	67	ug/Kg
Freon 113	ND	3.3	ug/Kg
1,1-Dichloroethene	ND	3.3	ug/Kg
Methylene Chloride	ND	3.3	ug/Kg
MTBE	ND	3.3	ug/Kg
trans-1,2-Dichloroethene	ND	3.3	ug/Kg
1,1-Dichloroethane	ND	3.3	ug/Kg
2-Butanone	ND	67	ug/Kg
cis-1,2-Dichloroethene	ND	3.3	ug/Kg
2,2-Dichloropropane	ND	3.3	ug/Kg
Chloroform	ND	3.3	ug/Kg
Bromochloromethane	ND	3.3	ug/Kg
1,1,1-Trichloroethane	ND	3.3	ug/Kg
1,1-Dichloropropene	ND	3.3	ug/Kg
Carbon Tetrachloride	ND	3.3	ug/Kg
1,2-Dichloroethane	ND	3.3	ug/Kg
Benzene	ND	3.3	ug/Kg
Trichloroethene	ND	3.3	ug/Kg
1,2-Dichloropropane	ND	3.3	ug/Kg
Bromodichloromethane	ND	3.3	ug/Kg
Dibromomethane	ND	3.3	ug/Kg
4-Methyl-2-Pentanone	ND	3.3	ug/Kg
cis-1,3-Dichloropropene	ND	3.3	ug/Kg
Toluene	ND	3.3	ug/Kg
trans-1,3-Dichloropropene	ND	3.3	ug/Kg
1,1,2-Trichloroethane	ND	3.3	ug/Kg
1,3-Dichloropropane	ND	3.3	ug/Kg
Tetrachloroethene	ND	3.3	ug/Kg
Dibromochloromethane	ND	3.3	ug/Kg
1,2-Dibromoethane	ND	3.3	ug/Kg
Chlorobenzene	ND	3.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.3	ug/Kg
Ethylbenzene	ND	3.3	ug/Kg
m,p-Xylenes	ND	6.7	ug/Kg
o-Xylene	ND	3.3	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-012 Analyte	Result	RL	Units
Styrene	ND	3.3	ug/Kg
Bromoform	ND	3.3	ug/Kg
Isopropylbenzene	ND	3.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg
1,2,3-Trichloropropane	ND	3.3	ug/Kg
Propylbenzene	ND	3.3	ug/Kg
Bromobenzene	ND	3.3	ug/Kg
1,3,5-Trimethylbenzene	ND	3.3	ug/Kg
2-Chlorotoluene	ND	3.3	ug/Kg
4-Chlorotoluene	ND	3.3	ug/Kg
tert-Butylbenzene	ND	3.3	ug/Kg
1,2,4-Trimethylbenzene	ND	3.3	ug/Kg
sec-Butylbenzene	ND	3.3	ug/Kg
para-Isopropyl Toluene	ND	3.3	ug/Kg
1,3-Dichlorobenzene	ND	3.3	ug/Kg
1,4-Dichlorobenzene	ND	3.3	ug/Kg
n-Butylbenzene	ND	3.3	ug/Kg
1,2-Dichlorobenzene	ND	3.3	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.3	ug/Kg
1,2,4-Trichlorobenzene	ND	3.3	ug/Kg
Hexachlorobutadiene	ND	3.3	ug/Kg
Naphthalene	ND	3.3	ug/Kg
1,2,3-Trichlorobenzene	ND	3.3	ug/Kg

469402-012 Surrogate	%REC	Limits
Dibromofluoromethane	115	70-145
1,2-Dichloroethane-d4	104	70-145
Toluene-d8	97	70-145
Bromofluorobenzene	96	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B21-1.5'	**Dil'n Fac:**	0.7886	**Analyzed:**	09/23/22
Lab ID:	469402-013	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-013 Analyte	Result	RL	Units
Freon 12	ND	3.9	ug/Kg
Chloromethane	ND	3.9	ug/Kg
Vinyl Chloride	ND	3.9	ug/Kg
Bromomethane	ND	3.9	ug/Kg
Chloroethane	ND	3.9	ug/Kg
Trichlorofluoromethane	ND	3.9	ug/Kg
Acetone	ND	79	ug/Kg
Freon 113	ND	3.9	ug/Kg
1,1-Dichloroethene	ND	3.9	ug/Kg
Methylene Chloride	ND	3.9	ug/Kg
MTBE	ND	3.9	ug/Kg
trans-1,2-Dichloroethene	ND	3.9	ug/Kg
1,1-Dichloroethane	ND	3.9	ug/Kg
2-Butanone	ND	79	ug/Kg
cis-1,2-Dichloroethene	ND	3.9	ug/Kg
2,2-Dichloropropane	ND	3.9	ug/Kg
Chloroform	ND	3.9	ug/Kg
Bromochloromethane	ND	3.9	ug/Kg
1,1,1-Trichloroethane	ND	3.9	ug/Kg
1,1-Dichloropropene	ND	3.9	ug/Kg
Carbon Tetrachloride	ND	3.9	ug/Kg
1,2-Dichloroethane	ND	3.9	ug/Kg
Benzene	ND	3.9	ug/Kg
Trichloroethene	ND	3.9	ug/Kg
1,2-Dichloropropane	ND	3.9	ug/Kg
Bromodichloromethane	ND	3.9	ug/Kg
Dibromomethane	ND	3.9	ug/Kg
4-Methyl-2-Pentanone	ND	3.9	ug/Kg
cis-1,3-Dichloropropene	ND	3.9	ug/Kg
Toluene	ND	3.9	ug/Kg
trans-1,3-Dichloropropene	ND	3.9	ug/Kg
1,1,2-Trichloroethane	ND	3.9	ug/Kg
1,3-Dichloropropane	ND	3.9	ug/Kg
Tetrachloroethene	ND	3.9	ug/Kg
Dibromochloromethane	ND	3.9	ug/Kg
1,2-Dibromoethane	ND	3.9	ug/Kg
Chlorobenzene	ND	3.9	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.9	ug/Kg
Ethylbenzene	ND	3.9	ug/Kg
m,p-Xylenes	ND	7.9	ug/Kg
o-Xylene	ND	3.9	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-013 Analyte	Result	RL	Units
Styrene	ND	3.9	ug/Kg
Bromoform	ND	3.9	ug/Kg
Isopropylbenzene	ND	3.9	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.9	ug/Kg
1,2,3-Trichloropropane	ND	3.9	ug/Kg
Propylbenzene	ND	3.9	ug/Kg
Bromobenzene	ND	3.9	ug/Kg
1,3,5-Trimethylbenzene	ND	3.9	ug/Kg
2-Chlorotoluene	ND	3.9	ug/Kg
4-Chlorotoluene	ND	3.9	ug/Kg
tert-Butylbenzene	ND	3.9	ug/Kg
1,2,4-Trimethylbenzene	ND	3.9	ug/Kg
sec-Butylbenzene	ND	3.9	ug/Kg
para-Isopropyl Toluene	ND	3.9	ug/Kg
1,3-Dichlorobenzene	ND	3.9	ug/Kg
1,4-Dichlorobenzene	ND	3.9	ug/Kg
n-Butylbenzene	ND	3.9	ug/Kg
1,2-Dichlorobenzene	ND	3.9	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.9	ug/Kg
1,2,4-Trichlorobenzene	ND	3.9	ug/Kg
Hexachlorobutadiene	ND	3.9	ug/Kg
Naphthalene	ND	3.9	ug/Kg
1,2,3-Trichlorobenzene	ND	3.9	ug/Kg

469402-013 Surrogate	%REC	Limits
Dibromofluoromethane	116	70-145
1,2-Dichloroethane-d4	105	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	97	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B22-1.0'	**Dil'n Fac:**	0.7899	**Analyzed:**	09/23/22
Lab ID:	469402-014	**Batch#:**	297599	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-014 Analyte	Result	RL	Units
Freon 12	ND	3.9	ug/Kg
Chloromethane	ND	3.9	ug/Kg
Vinyl Chloride	ND	3.9	ug/Kg
Bromomethane	ND	3.9	ug/Kg
Chloroethane	ND	3.9	ug/Kg
Trichlorofluoromethane	ND	3.9	ug/Kg
Acetone	ND	79	ug/Kg
Freon 113	ND	3.9	ug/Kg
1,1-Dichloroethene	ND	3.9	ug/Kg
Methylene Chloride	ND	3.9	ug/Kg
MTBE	ND	3.9	ug/Kg
trans-1,2-Dichloroethene	ND	3.9	ug/Kg
1,1-Dichloroethane	ND	3.9	ug/Kg
2-Butanone	ND	79	ug/Kg
cis-1,2-Dichloroethene	ND	3.9	ug/Kg
2,2-Dichloropropane	ND	3.9	ug/Kg
Chloroform	ND	3.9	ug/Kg
Bromochloromethane	ND	3.9	ug/Kg
1,1,1-Trichloroethane	ND	3.9	ug/Kg
1,1-Dichloropropene	ND	3.9	ug/Kg
Carbon Tetrachloride	ND	3.9	ug/Kg
1,2-Dichloroethane	ND	3.9	ug/Kg
Benzene	ND	3.9	ug/Kg
Trichloroethene	ND	3.9	ug/Kg
1,2-Dichloropropane	ND	3.9	ug/Kg
Bromodichloromethane	ND	3.9	ug/Kg
Dibromomethane	ND	3.9	ug/Kg
4-Methyl-2-Pentanone	ND	3.9	ug/Kg
cis-1,3-Dichloropropene	ND	3.9	ug/Kg
Toluene	ND	3.9	ug/Kg
trans-1,3-Dichloropropene	ND	3.9	ug/Kg
1,1,2-Trichloroethane	ND	3.9	ug/Kg
1,3-Dichloropropane	ND	3.9	ug/Kg
Tetrachloroethene	ND	3.9	ug/Kg
Dibromochloromethane	ND	3.9	ug/Kg
1,2-Dibromoethane	ND	3.9	ug/Kg
Chlorobenzene	ND	3.9	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.9	ug/Kg
Ethylbenzene	ND	3.9	ug/Kg
m,p-Xylenes	ND	7.9	ug/Kg
o-Xylene	ND	3.9	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-014 Analyte	Result	RL	Units
Styrene	ND	3.9	ug/Kg
Bromoform	ND	3.9	ug/Kg
Isopropylbenzene	ND	3.9	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.9	ug/Kg
1,2,3-Trichloropropane	ND	3.9	ug/Kg
Propylbenzene	ND	3.9	ug/Kg
Bromobenzene	ND	3.9	ug/Kg
1,3,5-Trimethylbenzene	ND	3.9	ug/Kg
2-Chlorotoluene	ND	3.9	ug/Kg
4-Chlorotoluene	ND	3.9	ug/Kg
tert-Butylbenzene	ND	3.9	ug/Kg
1,2,4-Trimethylbenzene	ND	3.9	ug/Kg
sec-Butylbenzene	ND	3.9	ug/Kg
para-Isopropyl Toluene	ND	3.9	ug/Kg
1,3-Dichlorobenzene	ND	3.9	ug/Kg
1,4-Dichlorobenzene	ND	3.9	ug/Kg
n-Butylbenzene	ND	3.9	ug/Kg
1,2-Dichlorobenzene	ND	3.9	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.9	ug/Kg
1,2,4-Trichlorobenzene	ND	3.9	ug/Kg
Hexachlorobutadiene	ND	3.9	ug/Kg
Naphthalene	ND	3.9	ug/Kg
1,2,3-Trichlorobenzene	ND	3.9	ug/Kg

469402-014 Surrogate	%REC	Limits
Dibromofluoromethane	117	70-145
1,2-Dichloroethane-d4	105	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	96	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B23-2.5'	**DiIn Fac:**	0.6925	**Analyzed:**	09/24/22
Lab ID:	469402-015	**Batch#:**	297661	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-015 Analyte	Result	RL	Units
Freon 12	ND	3.5	ug/Kg
Chloromethane	ND	3.5	ug/Kg
Vinyl Chloride	ND	3.5	ug/Kg
Bromomethane	ND	3.5	ug/Kg
Chloroethane	ND	3.5	ug/Kg
Trichlorofluoromethane	ND	3.5	ug/Kg
Acetone	ND	69	ug/Kg
Freon 113	ND	3.5	ug/Kg
1,1-Dichloroethene	ND	3.5	ug/Kg
Methylene Chloride	ND	3.5	ug/Kg
MTBE	ND	3.5	ug/Kg
trans-1,2-Dichloroethene	ND	3.5	ug/Kg
1,1-Dichloroethane	ND	3.5	ug/Kg
2-Butanone	ND	69	ug/Kg
cis-1,2-Dichloroethene	ND	3.5	ug/Kg
2,2-Dichloropropane	ND	3.5	ug/Kg
Chloroform	ND	3.5	ug/Kg
Bromochloromethane	ND	3.5	ug/Kg
1,1,1-Trichloroethane	ND	3.5	ug/Kg
1,1-Dichloropropene	ND	3.5	ug/Kg
Carbon Tetrachloride	ND	3.5	ug/Kg
1,2-Dichloroethane	ND	3.5	ug/Kg
Benzene	ND	3.5	ug/Kg
Trichloroethene	ND	3.5	ug/Kg
1,2-Dichloropropane	ND	3.5	ug/Kg
Bromodichloromethane	ND	3.5	ug/Kg
Dibromomethane	ND	3.5	ug/Kg
4-Methyl-2-Pentanone	ND	3.5	ug/Kg
cis-1,3-Dichloropropene	ND	3.5	ug/Kg
Toluene	ND	3.5	ug/Kg
trans-1,3-Dichloropropene	ND	3.5	ug/Kg
1,1,2-Trichloroethane	ND	3.5	ug/Kg
1,3-Dichloropropane	ND	3.5	ug/Kg
Tetrachloroethene	ND	3.5	ug/Kg
Dibromochloromethane	ND	3.5	ug/Kg
1,2-Dibromoethane	ND	3.5	ug/Kg
Chlorobenzene	ND	3.5	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.5	ug/Kg
Ethylbenzene	ND	3.5	ug/Kg
m,p-Xylenes	ND	6.9	ug/Kg
o-Xylene	ND	3.5	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-015 Analyte	Result	RL	Units
Styrene	ND	3.5	ug/Kg
Bromoform	ND	3.5	ug/Kg
Isopropylbenzene	ND	3.5	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg
1,2,3-Trichloropropane	ND	3.5	ug/Kg
Propylbenzene	ND	3.5	ug/Kg
Bromobenzene	ND	3.5	ug/Kg
1,3,5-Trimethylbenzene	ND	3.5	ug/Kg
2-Chlorotoluene	ND	3.5	ug/Kg
4-Chlorotoluene	ND	3.5	ug/Kg
tert-Butylbenzene	ND	3.5	ug/Kg
1,2,4-Trimethylbenzene	ND	3.5	ug/Kg
sec-Butylbenzene	ND	3.5	ug/Kg
para-Isopropyl Toluene	ND	3.5	ug/Kg
1,3-Dichlorobenzene	ND	3.5	ug/Kg
1,4-Dichlorobenzene	ND	3.5	ug/Kg
n-Butylbenzene	ND	3.5	ug/Kg
1,2-Dichlorobenzene	ND	3.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.5	ug/Kg
1,2,4-Trichlorobenzene	ND	3.5	ug/Kg
Hexachlorobutadiene	ND	3.5	ug/Kg
Naphthalene	ND	3.5	ug/Kg
1,2,3-Trichlorobenzene	ND	3.5	ug/Kg

469402-015 Surrogate	%REC	Limits
Dibromofluoromethane	110	70-145
1,2-Dichloroethane-d4	102	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	96	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B2-2.0'	**DiIn Fac:**	0.7813	**Analyzed:**	09/24/22
Lab ID:	469402-016	**Batch#:**	297661	**Prep:**	EPA 5035
Matrix:	Soil	**Sampled:**	09/19/22	**Analysis:**	EPA 8260B
Basis:	as received	**Received:**	09/20/22	**Analyst:**	LYZ

469402-016 Analyte	Result	RL	Units
Freon 12	ND	3.9	ug/Kg
Chloromethane	ND	3.9	ug/Kg
Vinyl Chloride	ND	3.9	ug/Kg
Bromomethane	ND	3.9	ug/Kg
Chloroethane	ND	3.9	ug/Kg
Trichlorofluoromethane	ND	3.9	ug/Kg
Acetone	ND	78	ug/Kg
Freon 113	ND	3.9	ug/Kg
1,1-Dichloroethene	ND	3.9	ug/Kg
Methylene Chloride	ND	3.9	ug/Kg
MTBE	ND	3.9	ug/Kg
trans-1,2-Dichloroethene	ND	3.9	ug/Kg
1,1-Dichloroethane	ND	3.9	ug/Kg
2-Butanone	ND	78	ug/Kg
cis-1,2-Dichloroethene	ND	3.9	ug/Kg
2,2-Dichloropropane	ND	3.9	ug/Kg
Chloroform	ND	3.9	ug/Kg
Bromochloromethane	ND	3.9	ug/Kg
1,1,1-Trichloroethane	ND	3.9	ug/Kg
1,1-Dichloropropene	ND	3.9	ug/Kg
Carbon Tetrachloride	ND	3.9	ug/Kg
1,2-Dichloroethane	ND	3.9	ug/Kg
Benzene	ND	3.9	ug/Kg
Trichloroethene	ND	3.9	ug/Kg
1,2-Dichloropropane	ND	3.9	ug/Kg
Bromodichloromethane	ND	3.9	ug/Kg
Dibromomethane	ND	3.9	ug/Kg
4-Methyl-2-Pentanone	ND	3.9	ug/Kg
cis-1,3-Dichloropropene	ND	3.9	ug/Kg
Toluene	ND	3.9	ug/Kg
trans-1,3-Dichloropropene	ND	3.9	ug/Kg
1,1,2-Trichloroethane	ND	3.9	ug/Kg
1,3-Dichloropropane	ND	3.9	ug/Kg
Tetrachloroethene	ND	3.9	ug/Kg
Dibromochloromethane	ND	3.9	ug/Kg
1,2-Dibromoethane	ND	3.9	ug/Kg
Chlorobenzene	ND	3.9	ug/Kg
1,1,1,2-Tetrachloroethane	ND	3.9	ug/Kg
Ethylbenzene	ND	3.9	ug/Kg
m,p-Xylenes	ND	7.8	ug/Kg
o-Xylene	ND	3.9	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469402-016 Analyte	Result	RL	Units
Styrene	ND	3.9	ug/Kg
Bromoform	ND	3.9	ug/Kg
Isopropylbenzene	ND	3.9	ug/Kg
1,1,2,2-Tetrachloroethane	ND	3.9	ug/Kg
1,2,3-Trichloropropane	ND	3.9	ug/Kg
Propylbenzene	ND	3.9	ug/Kg
Bromobenzene	ND	3.9	ug/Kg
1,3,5-Trimethylbenzene	ND	3.9	ug/Kg
2-Chlorotoluene	ND	3.9	ug/Kg
4-Chlorotoluene	ND	3.9	ug/Kg
tert-Butylbenzene	ND	3.9	ug/Kg
1,2,4-Trimethylbenzene	ND	3.9	ug/Kg
sec-Butylbenzene	ND	3.9	ug/Kg
para-Isopropyl Toluene	ND	3.9	ug/Kg
1,3-Dichlorobenzene	ND	3.9	ug/Kg
1,4-Dichlorobenzene	ND	3.9	ug/Kg
n-Butylbenzene	ND	3.9	ug/Kg
1,2-Dichlorobenzene	ND	3.9	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	3.9	ug/Kg
1,2,4-Trichlorobenzene	ND	3.9	ug/Kg
Hexachlorobutadiene	ND	3.9	ug/Kg
Naphthalene	ND	3.9	ug/Kg
1,2,3-Trichlorobenzene	ND	3.9	ug/Kg

469402-016 Surrogate	%REC	Limits
Dibromofluoromethane	107	70-145
1,2-Dichloroethane-d4	97	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	100	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1014847 **Batch#:** 297599 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/23/22 **Analyst:** TCN

QC1014847 Analyte	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	50.00	59.73	119	70-131	ug/Kg
MTBE	50.00	55.72	111	69-130	ug/Kg
Benzene	50.00	54.47	109	70-130	ug/Kg
Trichloroethene	50.00	48.96	98	70-130	ug/Kg
Toluene	50.00	50.59	101	70-130	ug/Kg
Chlorobenzene	50.00	53.16	106	70-130	ug/Kg

QC1014847 Surrogate	%REC	Limits
Dibromofluoromethane	114	70-130
1,2-Dichloroethane-d4	107	70-145
Toluene-d8	96	70-145
Bromofluorobenzene	98	70-145

Type: BSD **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1014848 **Batch#:** 297599 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/23/22 **Analyst:** TCN

QC1014848 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	49.98	58.59	117	70-131	ug/Kg	2	33
MTBE	49.98	55.68	111	69-130	ug/Kg	0	30
Benzene	49.98	55.44	111	70-130	ug/Kg	2	30
Trichloroethene	49.98	49.03	98	70-130	ug/Kg	0	30
Toluene	49.98	51.64	103	70-130	ug/Kg	2	30
Chlorobenzene	49.98	53.75	108	70-130	ug/Kg	1	30

QC1014848 Surrogate	%REC	Limits
Dibromofluoromethane	112	70-130
1,2-Dichloroethane-d4	106	70-145
Toluene-d8	95	70-145
Bromofluorobenzene	98	70-145

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1014851 **Batch#:** 297599 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/23/22 **Analyst:** TCN

QC1014851 Analyte	Result	RL	Units
Freon 12	ND	5.0	ug/Kg
Chloromethane	ND	5.0	ug/Kg
Vinyl Chloride	ND	5.0	ug/Kg
Bromomethane	ND	5.0	ug/Kg
Chloroethane	ND	5.0	ug/Kg
Trichlorofluoromethane	ND	5.0	ug/Kg
Acetone	ND	100	ug/Kg
Freon 113	ND	5.0	ug/Kg
1,1-Dichloroethene	ND	5.0	ug/Kg
Methylene Chloride	ND	5.0	ug/Kg
MTBE	ND	5.0	ug/Kg
trans-1,2-Dichloroethene	ND	5.0	ug/Kg
1,1-Dichloroethane	ND	5.0	ug/Kg
2-Butanone	ND	100	ug/Kg
cis-1,2-Dichloroethene	ND	5.0	ug/Kg
2,2-Dichloropropane	ND	5.0	ug/Kg
Chloroform	ND	5.0	ug/Kg
Bromochloromethane	ND	5.0	ug/Kg
1,1,1-Trichloroethane	ND	5.0	ug/Kg
1,1-Dichloropropene	ND	5.0	ug/Kg
Carbon Tetrachloride	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Trichloroethene	ND	5.0	ug/Kg
1,2-Dichloropropane	ND	5.0	ug/Kg
Bromodichloromethane	ND	5.0	ug/Kg
Dibromomethane	ND	5.0	ug/Kg
4-Methyl-2-Pentanone	ND	5.0	ug/Kg
cis-1,3-Dichloropropene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
trans-1,3-Dichloropropene	ND	5.0	ug/Kg
1,1,2-Trichloroethane	ND	5.0	ug/Kg
1,3-Dichloropropane	ND	5.0	ug/Kg
Tetrachloroethene	ND	5.0	ug/Kg
Dibromochloromethane	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Chlorobenzene	ND	5.0	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
m,p-Xylenes	ND	10	ug/Kg
o-Xylene	ND	5.0	ug/Kg
Styrene	ND	5.0	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1014851 Analyte	Result	RL	Units
Bromoform	ND	5.0	ug/Kg
Isopropylbenzene	ND	5.0	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg
1,2,3-Trichloropropane	ND	5.0	ug/Kg
Propylbenzene	ND	5.0	ug/Kg
Bromobenzene	ND	5.0	ug/Kg
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg
2-Chlorotoluene	ND	5.0	ug/Kg
4-Chlorotoluene	ND	5.0	ug/Kg
tert-Butylbenzene	ND	5.0	ug/Kg
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg
sec-Butylbenzene	ND	5.0	ug/Kg
para-Isopropyl Toluene	ND	5.0	ug/Kg
1,3-Dichlorobenzene	ND	5.0	ug/Kg
1,4-Dichlorobenzene	ND	5.0	ug/Kg
n-Butylbenzene	ND	5.0	ug/Kg
1,2-Dichlorobenzene	ND	5.0	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.0	ug/Kg
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg
Hexachlorobutadiene	ND	5.0	ug/Kg
Naphthalene	ND	5.0	ug/Kg
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg

QC1014851 Surrogate	%REC	Limits
Dibromofluoromethane	115	70-130
1,2-Dichloroethane-d4	108	70-145
Toluene-d8	97	70-145
Bromofluorobenzene	98	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015077 **Batch#:** 297661 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/24/22 **Analyst:** HMN

QC1015077 Analyte	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	50.00	51.62	103	70-131	ug/Kg
MTBE	50.00	43.84	88	69-130	ug/Kg
Benzene	50.00	52.83	106	70-130	ug/Kg
Trichloroethene	50.00	46.75	93	70-130	ug/Kg
Toluene	50.00	51.14	102	70-130	ug/Kg
Chlorobenzene	50.00	51.48	103	70-130	ug/Kg

QC1015077 Surrogate	%REC	Limits
Dibromofluoromethane	111	70-130
1,2-Dichloroethane-d4	98	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	102	70-145

Type: BSD **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015078 **Batch#:** 297661 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/24/22 **Analyst:** HMN

QC1015078 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	49.98	52.15	104	70-131	ug/Kg	1	33
MTBE	49.98	45.62	91	69-130	ug/Kg	4	30
Benzene	49.98	53.24	107	70-130	ug/Kg	1	30
Trichloroethene	49.98	48.33	97	70-130	ug/Kg	3	30
Toluene	49.98	51.49	103	70-130	ug/Kg	1	30
Chlorobenzene	49.98	51.45	103	70-130	ug/Kg	0	30

QC1015078 Surrogate	%REC	Limits
Dibromofluoromethane	107	70-130
1,2-Dichloroethane-d4	104	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	101	70-145

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC1015081 **Batch#:** 297661 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 09/24/22 **Analyst:** TCN

QC1015081 Analyte	Result	RL	Units
Freon 12	ND	5.0	ug/Kg
Chloromethane	ND	5.0	ug/Kg
Vinyl Chloride	ND	5.0	ug/Kg
Bromomethane	ND	5.0	ug/Kg
Chloroethane	ND	5.0	ug/Kg
Trichlorofluoromethane	ND	5.0	ug/Kg
Acetone	ND	100	ug/Kg
Freon 113	ND	5.0	ug/Kg
1,1-Dichloroethene	ND	5.0	ug/Kg
Methylene Chloride	ND	5.0	ug/Kg
MTBE	ND	5.0	ug/Kg
trans-1,2-Dichloroethene	ND	5.0	ug/Kg
1,1-Dichloroethane	ND	5.0	ug/Kg
2-Butanone	ND	100	ug/Kg
cis-1,2-Dichloroethene	ND	5.0	ug/Kg
2,2-Dichloropropane	ND	5.0	ug/Kg
Chloroform	ND	5.0	ug/Kg
Bromochloromethane	ND	5.0	ug/Kg
1,1,1-Trichloroethane	ND	5.0	ug/Kg
1,1-Dichloropropene	ND	5.0	ug/Kg
Carbon Tetrachloride	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Trichloroethene	ND	5.0	ug/Kg
1,2-Dichloropropane	ND	5.0	ug/Kg
Bromodichloromethane	ND	5.0	ug/Kg
Dibromomethane	ND	5.0	ug/Kg
4-Methyl-2-Pentanone	ND	5.0	ug/Kg
cis-1,3-Dichloropropene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
trans-1,3-Dichloropropene	ND	5.0	ug/Kg
1,1,2-Trichloroethane	ND	5.0	ug/Kg
1,3-Dichloropropane	ND	5.0	ug/Kg
Tetrachloroethene	ND	5.0	ug/Kg
Dibromochloromethane	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Chlorobenzene	ND	5.0	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
m,p-Xylenes	ND	10	ug/Kg
o-Xylene	ND	5.0	ug/Kg
Styrene	ND	5.0	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1015081 Analyte	Result	RL	Units
Bromoform	ND	5.0	ug/Kg
Isopropylbenzene	ND	5.0	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg
1,2,3-Trichloropropane	ND	5.0	ug/Kg
Propylbenzene	ND	5.0	ug/Kg
Bromobenzene	ND	5.0	ug/Kg
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg
2-Chlorotoluene	ND	5.0	ug/Kg
4-Chlorotoluene	ND	5.0	ug/Kg
tert-Butylbenzene	ND	5.0	ug/Kg
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg
sec-Butylbenzene	ND	5.0	ug/Kg
para-Isopropyl Toluene	ND	5.0	ug/Kg
1,3-Dichlorobenzene	ND	5.0	ug/Kg
1,4-Dichlorobenzene	ND	5.0	ug/Kg
n-Butylbenzene	ND	5.0	ug/Kg
1,2-Dichlorobenzene	ND	5.0	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.0	ug/Kg
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg
Hexachlorobutadiene	ND	5.0	ug/Kg
Naphthalene	ND	5.0	ug/Kg
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg

QC1015081 Surrogate	%REC	Limits
Dibromofluoromethane	112	70-130
1,2-Dichloroethane-d4	102	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	98	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B5-0.5' **Batch#:** 297713 **Prep:** EPA 3546

Lab ID: 469402-001 **Sampled:** 09/19/22 **Analysis:** EPA 8270C-SIM

Matrix: Soil **Received:** 09/20/22

Basis: as received **Prepared:** 09/26/22

469402-001 Analyte	Result	RL	Units	Diln Fac	Analyzed	Analyst
1-Methylnaphthalene	**24**	10	ug/Kg	1.000	09/26/22	TJW
2-Methylnaphthalene	**62**	10	ug/Kg	1.000	09/26/22	TJW
Naphthalene	**130**	10	ug/Kg	1.000	09/26/22	TJW
Acenaphthylene	**170**	10	ug/Kg	1.000	09/26/22	TJW
Acenaphthene	ND	10	ug/Kg	1.000	09/26/22	TJW
Fluorene	**32**	10	ug/Kg	1.000	09/26/22	TJW
Phenanthrene	**300**	10	ug/Kg	1.000	09/26/22	TJW
Anthracene	**65**	10	ug/Kg	1.000	09/26/22	TJW
Fluoranthene	**460**	10	ug/Kg	1.000	09/26/22	TJW
Pyrene	**1,000**	200	ug/Kg	20.00	09/27/22	HQN
Benzo(a)anthracene	**410**	10	ug/Kg	1.000	09/26/22	TJW
Chrysene	**590**	200	ug/Kg	20.00	09/27/22	HQN
Benzo(b)fluoranthene	**490**	200	ug/Kg	20.00	09/27/22	HQN
Benzo(k)fluoranthene	**510**	200	ug/Kg	20.00	09/27/22	HQN
Benzo(a)pyrene	**770**	200	ug/Kg	20.00	09/27/22	HQN
Indeno(1,2,3-cd)pyrene	**540**	200	ug/Kg	20.00	09/27/22	HQN
Dibenz(a,h)anthracene	**110**	10	ug/Kg	1.000	09/26/22	TJW
Benzo(g,h,i)perylene	**640**	200	ug/Kg	20.00	09/27/22	HQN

469402-001 Surrogate	%REC	Limits	Diln Fac	Analyzed	Analyst
Nitrobenzene-d5	59	27-125	1.000	09/26/22	TJW
2-Fluorobiphenyl	68	30-120	1.000	09/26/22	TJW
Terphenyl-d14	77	33-155	1.000	09/26/22	TJW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B6-2.0' **Batch#:** 297713 **Prep:** EPA 3546

Lab ID: 469402-002 **Sampled:** 09/19/22 **Analysis:** EPA 8270C-SIM

Matrix: Soil **Received:** 09/20/22

Basis: as received **Prepared:** 09/26/22

469402-002 Analyte	Result	RL	Units	Diln Fac	Analyzed	Analyst
1-Methylnaphthalene	**19**	10	ug/Kg	1.000	09/26/22	TJW
2-Methylnaphthalene	**61**	10	ug/Kg	1.000	09/26/22	TJW
Naphthalene	**150**	10	ug/Kg	1.000	09/26/22	TJW
Acenaphthylene	**200**	10	ug/Kg	1.000	09/26/22	TJW
Acenaphthene	ND	10	ug/Kg	1.000	09/26/22	TJW
Fluorene	**37**	10	ug/Kg	1.000	09/26/22	TJW
Phenanthrene	**320**	10	ug/Kg	1.000	09/26/22	TJW
Anthracene	**67**	10	ug/Kg	1.000	09/26/22	TJW
Fluoranthene	**540**	200	ug/Kg	20.00	09/27/22	HQN
Pyrene	**1,200**	200	ug/Kg	20.00	09/27/22	HQN
Benzo(a)anthracene	**510**	200	ug/Kg	20.00	09/27/22	HQN
Chrysene	**780**	200	ug/Kg	20.00	09/27/22	HQN
Benzo(b)fluoranthene	**640**	200	ug/Kg	20.00	09/27/22	HQN
Benzo(k)fluoranthene	**700**	200	ug/Kg	20.00	09/27/22	HQN
Benzo(a)pyrene	**1,000**	200	ug/Kg	20.00	09/27/22	HQN
Indeno(1,2,3-cd)pyrene	**740**	200	ug/Kg	20.00	09/27/22	HQN
Dibenz(a,h)anthracene	**140**	10	ug/Kg	1.000	09/26/22	TJW
Benzo(g,h,i)perylene	**900**	200	ug/Kg	20.00	09/27/22	HQN

469402-002 Surrogate	%REC	Limits	Diln Fac	Analyzed	Analyst
Nitrobenzene-d5	52	27-125	1.000	09/26/22	TJW
2-Fluorobiphenyl	54	30-120	1.000	09/26/22	TJW
Terphenyl-d14	62	33-155	1.000	09/26/22	TJW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B7-1.5'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-003	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
Diln Fac:	1.000	**Analyzed:**	09/26/22		

469402-003 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	ND	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	ND	10	ug/Kg
Pyrene	ND	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

469402-003 Surrogate	%REC	Limits
Nitrobenzene-d5	74	27-125
2-Fluorobiphenyl	70	30-120
Terphenyl-d14	83	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B8-1.0'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-004	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
DiIn Fac:	1.000	**Analyzed:**	09/26/22		

469402-004 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	ND	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	ND	10	ug/Kg
Pyrene	ND	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

469402-004 Surrogate	%REC	Limits
Nitrobenzene-d5	85	27-125
2-Fluorobiphenyl	81	30-120
Terphenyl-d14	100	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B9-3.5'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-005	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
DiIn Fac:	1.000	**Analyzed:**	09/26/22		

469402-005 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	ND	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	ND	10	ug/Kg
Pyrene	ND	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

469402-005 Surrogate	%REC	Limits
Nitrobenzene-d5	70	27-125
2-Fluorobiphenyl	65	30-120
Terphenyl-d14	78	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B10-3.0'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-006	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
DiIn Fac:	1.000	**Analyzed:**	09/26/22		

469402-006 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	9.9	ug/Kg
2-Methylnaphthalene	ND	9.9	ug/Kg
Naphthalene	ND	9.9	ug/Kg
Acenaphthylene	ND	9.9	ug/Kg
Acenaphthene	ND	9.9	ug/Kg
Fluorene	ND	9.9	ug/Kg
Phenanthrene	ND	9.9	ug/Kg
Anthracene	ND	9.9	ug/Kg
Fluoranthene	ND	9.9	ug/Kg
Pyrene	ND	9.9	ug/Kg
Benzo(a)anthracene	ND	9.9	ug/Kg
Chrysene	ND	9.9	ug/Kg
Benzo(b)fluoranthene	ND	9.9	ug/Kg
Benzo(k)fluoranthene	ND	9.9	ug/Kg
Benzo(a)pyrene	ND	9.9	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	9.9	ug/Kg
Dibenz(a,h)anthracene	ND	9.9	ug/Kg
Benzo(g,h,i)perylene	ND	9.9	ug/Kg

469402-006 Surrogate	%REC	Limits
Nitrobenzene-d5	78	27-125
2-Fluorobiphenyl	67	30-120
Terphenyl-d14	80	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B11-1.0'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-007	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
DiIn Fac:	4.000	**Analyzed:**	09/26/22		

469402-007 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	40	ug/Kg
2-Methylnaphthalene	ND	40	ug/Kg
Naphthalene	ND	40	ug/Kg
Acenaphthylene	ND	40	ug/Kg
Acenaphthene	ND	40	ug/Kg
Fluorene	ND	40	ug/Kg
Phenanthrene	ND	40	ug/Kg
Anthracene	ND	40	ug/Kg
Fluoranthene	ND	40	ug/Kg
Pyrene	ND	40	ug/Kg
Benzo(a)anthracene	ND	40	ug/Kg
Chrysene	ND	40	ug/Kg
Benzo(b)fluoranthene	ND	40	ug/Kg
Benzo(k)fluoranthene	ND	40	ug/Kg
Benzo(a)pyrene	ND	40	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	40	ug/Kg
Dibenz(a,h)anthracene	ND	40	ug/Kg
Benzo(g,h,i)perylene	ND	40	ug/Kg

469402-007 Surrogate	%REC	Limits
Nitrobenzene-d5	73	27-125
2-Fluorobiphenyl	68	30-120
Terphenyl-d14	81	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B12-4.0'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-008	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
DiIn Fac:	4.000	**Analyzed:**	09/26/22		

469402-008 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	40	ug/Kg
2-Methylnaphthalene	ND	40	ug/Kg
Naphthalene	ND	40	ug/Kg
Acenaphthylene	ND	40	ug/Kg
Acenaphthene	ND	40	ug/Kg
Fluorene	ND	40	ug/Kg
Phenanthrene	ND	40	ug/Kg
Anthracene	ND	40	ug/Kg
Fluoranthene	ND	40	ug/Kg
Pyrene	ND	40	ug/Kg
Benzo(a)anthracene	ND	40	ug/Kg
Chrysene	ND	40	ug/Kg
Benzo(b)fluoranthene	ND	40	ug/Kg
Benzo(k)fluoranthene	ND	40	ug/Kg
Benzo(a)pyrene	ND	40	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	40	ug/Kg
Dibenz(a,h)anthracene	ND	40	ug/Kg
Benzo(g,h,i)perylene	ND	40	ug/Kg

469402-008 Surrogate	%REC	Limits
Nitrobenzene-d5	65	27-125
2-Fluorobiphenyl	71	30-120
Terphenyl-d14	84	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B13-3.0'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-009	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
DiIn Fac:	10.00	**Analyzed:**	09/27/22		

469402-009 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	100	ug/Kg
2-Methylnaphthalene	ND	100	ug/Kg
Naphthalene	ND	100	ug/Kg
Acenaphthylene	ND	100	ug/Kg
Acenaphthene	ND	100	ug/Kg
Fluorene	ND	100	ug/Kg
Phenanthrene	ND	100	ug/Kg
Anthracene	ND	100	ug/Kg
Fluoranthene	ND	100	ug/Kg
Pyrene	ND	100	ug/Kg
Benzo(a)anthracene	ND	100	ug/Kg
Chrysene	ND	100	ug/Kg
Benzo(b)fluoranthene	ND	100	ug/Kg
Benzo(k)fluoranthene	ND	100	ug/Kg
Benzo(a)pyrene	ND	100	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	100	ug/Kg
Dibenz(a,h)anthracene	ND	100	ug/Kg
Benzo(g,h,i)perylene	ND	100	ug/Kg

469402-009 Surrogate	%REC	Limits
Nitrobenzene-d5	63	27-125
2-Fluorobiphenyl	74	30-120
Terphenyl-d14	87	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B14-4.0'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-010	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
Diln Fac:	1.000	**Analyzed:**	09/27/22		

469402-010 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	**24**	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	ND	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	ND	10	ug/Kg
Pyrene	ND	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

469402-010 Surrogate	%REC	Limits
Nitrobenzene-d5	49	27-125
2-Fluorobiphenyl	50	30-120
Terphenyl-d14	64	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B17-1.0'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-011	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
DiIn Fac:	1.000	**Analyzed:**	09/27/22		

469402-011 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	ND	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	ND	10	ug/Kg
Pyrene	ND	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

469402-011 Surrogate	%REC	Limits
Nitrobenzene-d5	78	27-125
2-Fluorobiphenyl	68	30-120
Terphenyl-d14	86	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B20-1.0'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-012	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
Diln Fac:	50.00	**Analyzed:**	09/26/22		

469402-012 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	500	ug/Kg
2-Methylnaphthalene	ND	500	ug/Kg
Naphthalene	ND	500	ug/Kg
Acenaphthylene	ND	500	ug/Kg
Acenaphthene	ND	500	ug/Kg
Fluorene	ND	500	ug/Kg
Phenanthrene	ND	500	ug/Kg
Anthracene	ND	500	ug/Kg
Fluoranthene	ND	500	ug/Kg
Pyrene	ND	500	ug/Kg
Benzo(a)anthracene	ND	500	ug/Kg
Chrysene	ND	500	ug/Kg
Benzo(b)fluoranthene	ND	500	ug/Kg
Benzo(k)fluoranthene	ND	500	ug/Kg
Benzo(a)pyrene	ND	500	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	500	ug/Kg
Dibenz(a,h)anthracene	ND	500	ug/Kg
Benzo(g,h,i)perylene	ND	500	ug/Kg

469402-012 Surrogate	%REC	Limits
Nitrobenzene-d5	47	27-125
2-Fluorobiphenyl	78	30-120
Terphenyl-d14	73	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B21-1.5'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-013	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
Diln Fac:	1.000	**Analyzed:**	09/27/22		

469402-013 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	**72**	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	**77**	10	ug/Kg
Pyrene	**69**	10	ug/Kg
Benzo(a)anthracene	**25**	10	ug/Kg
Chrysene	**35**	10	ug/Kg
Benzo(b)fluoranthene	**26**	10	ug/Kg
Benzo(k)fluoranthene	**28**	10	ug/Kg
Benzo(a)pyrene	**31**	10	ug/Kg
Indeno(1,2,3-cd)pyrene	**23**	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	**21**	10	ug/Kg

469402-013 Surrogate	%REC	Limits
Nitrobenzene-d5	94	27-125
2-Fluorobiphenyl	84	30-120
Terphenyl-d14	102	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B22-1.0'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-014	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
Diln Fac:	4.000	**Analyzed:**	09/27/22		

469402-014 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	40	ug/Kg
2-Methylnaphthalene	ND	40	ug/Kg
Naphthalene	ND	40	ug/Kg
Acenaphthylene	ND	40	ug/Kg
Acenaphthene	ND	40	ug/Kg
Fluorene	ND	40	ug/Kg
Phenanthrene	**110**	40	ug/Kg
Anthracene	ND	40	ug/Kg
Fluoranthene	**370**	40	ug/Kg
Pyrene	**360**	40	ug/Kg
Benzo(a)anthracene	**190**	40	ug/Kg
Chrysene	**270**	40	ug/Kg
Benzo(b)fluoranthene	**260**	40	ug/Kg
Benzo(k)fluoranthene	**260**	40	ug/Kg
Benzo(a)pyrene	**280**	40	ug/Kg
Indeno(1,2,3-cd)pyrene	**240**	40	ug/Kg
Dibenz(a,h)anthracene	ND	40	ug/Kg
Benzo(g,h,i)perylene	**190**	40	ug/Kg

469402-014 Surrogate	%REC	Limits
Nitrobenzene-d5	66	27-125
2-Fluorobiphenyl	68	30-120
Terphenyl-d14	88	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B23-2.5'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-015	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
Diln Fac:	1.000	**Analyzed:**	09/27/22		

469402-015 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	**15**	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	**21**	10	ug/Kg
Pyrene	**19**	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

469402-015 Surrogate	%REC	Limits
Nitrobenzene-d5	77	27-125
2-Fluorobiphenyl	67	30-120
Terphenyl-d14	81	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B2-2.0'	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	469402-016	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW
Basis:	as received	**Prepared:**	09/26/22		
DiIn Fac:	1.000	**Analyzed:**	09/27/22		

469402-016 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	ND	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	ND	10	ug/Kg
Pyrene	ND	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

469402-016 Surrogate	%REC	Limits
Nitrobenzene-d5	78	27-125
2-Fluorobiphenyl	76	30-120
Terphenyl-d14	91	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B20-1.0'	**Basis:**	as received	**Prepared:**	09/26/22
Type:	MS	**DiIn Fac:**	50.00	**Analyzed:**	09/26/22
MSS Lab ID:	469402-012	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	QC1015319	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW

QC1015319 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
1-Methylnaphthalene	<184.7	199.2	180.4	DO	25-130	ug/Kg
2-Methylnaphthalene	<227.9	199.2	152.4	DO	32-133	ug/Kg
Naphthalene	<246.3	199.2	159.2	DO	33-130	ug/Kg
Acenaphthylene	<204.0	199.2	130.0	DO	14-157	ug/Kg
Acenaphthene	<206.6	199.2	144.0	DO	28-134	ug/Kg
Fluorene	<227.7	199.2	163.7	DO	27-140	ug/Kg
Phenanthrene	<250.9	199.2	184.6	DO	29-147	ug/Kg
Anthracene	<202.0	199.2	181.3	DO	24-156	ug/Kg
Fluoranthene	<228.9	199.2	168.5	DO	28-160	ug/Kg
Pyrene	<245.8	199.2	174.6	DO	26-153	ug/Kg
Benzo(a)anthracene	<205.2	199.2	170.8	DO	26-174	ug/Kg
Chrysene	<171.5	199.2	197.3	99	40-139	ug/Kg
Benzo(b)fluoranthene	<251.2	199.2	180.0	DO	36-164	ug/Kg
Benzo(k)fluoranthene	<236.8	199.2	170.2	DO	36-161	ug/Kg
Benzo(a)pyrene	<239.4	199.2	149.3	DO	18-173	ug/Kg
Indeno(1,2,3-cd)pyrene	<239.1	199.2	190.2	DO	26-154	ug/Kg
Dibenz(a,h)anthracene	<260.4	199.2	134.7	DO	38-132	ug/Kg
Benzo(g,h,i)perylene	<234.9	199.2	163.1	DO	36-130	ug/Kg

QC1015319 Surrogate	%REC	Limits
Nitrobenzene-d5	41	27-125
2-Fluorobiphenyl	77	30-120
Terphenyl-d14	78	33-155

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B20-1.0'	**Basis:**	as received	**Prepared:**	09/26/22
Type:	MSD	**DiIn Fac:**	50.00	**Analyzed:**	09/26/22
MSS Lab ID:	469402-012	**Batch#:**	297713	**Prep:**	EPA 3546
Lab ID:	QC1015320	**Sampled:**	09/19/22	**Analysis:**	EPA 8270C-SIM
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TJW

QC1015320 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1-Methylnaphthalene	200.0	237.0	119	25-130	ug/Kg	NC	35
2-Methylnaphthalene	200.0	175.5	DO	32-133	ug/Kg	NC	35
Naphthalene	200.0	181.6	DO	33-130	ug/Kg	NC	35
Acenaphthylene	200.0	154.3	DO	14-157	ug/Kg	NC	35
Acenaphthene	200.0	183.0	DO	28-134	ug/Kg	NC	35
Fluorene	200.0	180.5	DO	27-140	ug/Kg	NC	35
Phenanthrene	200.0	223.5	DO	29-147	ug/Kg	NC	35
Anthracene	200.0	145.8	DO	24-156	ug/Kg	NC	35
Fluoranthene	200.0	170.7	DO	28-160	ug/Kg	NC	35
Pyrene	200.0	192.8	DO	26-153	ug/Kg	NC	35
Benzo(a)anthracene	200.0	183.8	DO	26-174	ug/Kg	NC	35
Chrysene	200.0	211.2	106	40-139	ug/Kg	6	35
Benzo(b)fluoranthene	200.0	199.9	DO	36-164	ug/Kg	NC	35
Benzo(k)fluoranthene	200.0	177.5	DO	36-161	ug/Kg	NC	35
Benzo(a)pyrene	200.0	172.3	DO	18-173	ug/Kg	NC	35
Indeno(1,2,3-cd)pyrene	200.0	191.5	DO	26-154	ug/Kg	NC	35
Dibenz(a,h)anthracene	200.0	145.7	DO	38-132	ug/Kg	NC	35
Benzo(g,h,i)perylene	200.0	174.1	DO	36-130	ug/Kg	NC	35

QC1015320 Surrogate	%REC	Limits
Nitrobenzene-d5	51	27-125
2-Fluorobiphenyl	83	30-120
Terphenyl-d14	83	33-155

Legend

DO: Diluted Out

NC: Not Calculated

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	BLANK	**Batch#:**	297713	**Analysis:**	EPA 8270C-SIM
Lab ID:	QC1015321	**Prepared:**	09/26/22	**Analyst:**	TJW
Matrix:	Soil	**Analyzed:**	09/26/22		
DilIn Fac:	1.000	**Prep:**	EPA 3546		

QC1015321 Analyte	Result	RL	Units
1-Methylnaphthalene	ND	10	ug/Kg
2-Methylnaphthalene	ND	10	ug/Kg
Naphthalene	ND	10	ug/Kg
Acenaphthylene	ND	10	ug/Kg
Acenaphthene	ND	10	ug/Kg
Fluorene	ND	10	ug/Kg
Phenanthrene	ND	10	ug/Kg
Anthracene	ND	10	ug/Kg
Fluoranthene	ND	10	ug/Kg
Pyrene	ND	10	ug/Kg
Benzo(a)anthracene	ND	10	ug/Kg
Chrysene	ND	10	ug/Kg
Benzo(b)fluoranthene	ND	10	ug/Kg
Benzo(k)fluoranthene	ND	10	ug/Kg
Benzo(a)pyrene	ND	10	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg
Dibenz(a,h)anthracene	ND	10	ug/Kg
Benzo(g,h,i)perylene	ND	10	ug/Kg

QC1015321 Surrogate	%REC	Limits
Nitrobenzene-d5	75	27-125
2-Fluorobiphenyl	84	30-120
Terphenyl-d14	89	33-155

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polyaromatic Hydrocarbons by 8270 SIM: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **Batch#:** 297713 **Analysis:** EPA 8270C-SIM

Lab ID: QC1015322 **Prepared:** 09/26/22 **Analyst:** TJW

Matrix: Soil **Analyzed:** 09/26/22

DilN Fac: 1.000 **Prep:** EPA 3546

QC1015322 Analyte	Spiked	Result	%REC	Limits	Units
1-Methylnaphthalene	199.5	125.4	63	28-130	ug/Kg
2-Methylnaphthalene	199.5	144.1	72	33-130	ug/Kg
Naphthalene	199.5	141.5	71	25-130	ug/Kg
Acenaphthylene	199.5	136.3	68	28-130	ug/Kg
Acenaphthene	199.5	138.9	70	32-130	ug/Kg
Fluorene	199.5	144.4	72	35-130	ug/Kg
Phenanthrene	199.5	145.1	73	35-132	ug/Kg
Anthracene	199.5	133.2	67	34-136	ug/Kg
Fluoranthene	199.5	131.1	66	34-139	ug/Kg
Pyrene	199.5	127.5	64	35-134	ug/Kg
Benzo(a)anthracene	199.5	152.6	77	30-132	ug/Kg
Chrysene	199.5	151.6	76	29-130	ug/Kg
Benzo(b)fluoranthene	199.5	157.1	79	32-137	ug/Kg
Benzo(k)fluoranthene	199.5	149.6	75	32-130	ug/Kg
Benzo(a)pyrene	199.5	144.7	73	10-138	ug/Kg
Indeno(1,2,3-cd)pyrene	199.5	140.7	71	34-132	ug/Kg
Dibenz(a,h)anthracene	199.5	137.9	69	32-130	ug/Kg
Benzo(g,h,i)perylene	199.5	138.7	70	27-130	ug/Kg

QC1015322 Surrogate	%REC	Limits
Nitrobenzene-d5	68	27-125
2-Fluorobiphenyl	73	30-120
Terphenyl-d14	76	33-155

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B5-0.5'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-001	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil n Fac:	1.000	**Analyzed:**	09/27/22		

469402-001 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-001 Surrogate	%REC	Limits
TCMX	60	23-120
Decachlorobiphenyl	102	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B6-2.0'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-002	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil'n Fac:	1.000	**Analyzed:**	09/27/22		

469402-002 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-002 Surrogate	%REC	Limits
TCMX	68	23-120
Decachlorobiphenyl	99	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B7-1.5'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-003	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil'n Fac:	1.000	**Analyzed:**	09/27/22		

469402-003 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	9.9	ug/Kg
Toxaphene	ND	99	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-003 Surrogate	%REC	Limits
TCMX	61	23-120
Decachlorobiphenyl	78	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B8-1.0'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-004	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil n Fac:	1.000	**Analyzed:**	09/27/22		

469402-004 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-004 Surrogate	%REC	Limits
TCMX	57	23-120
Decachlorobiphenyl	50	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B9-3.5'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-005	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil n Fac:	1.000	**Analyzed:**	09/27/22		

469402-005 Analyte	Result	RL	Units
alpha-BHC	ND	4.9	ug/Kg
beta-BHC	ND	4.9	ug/Kg
gamma-BHC	ND	4.9	ug/Kg
delta-BHC	ND	4.9	ug/Kg
Heptachlor	ND	4.9	ug/Kg
Aldrin	ND	4.9	ug/Kg
Heptachlor epoxide	ND	4.9	ug/Kg
Endosulfan I	ND	4.9	ug/Kg
Dieldrin	ND	4.9	ug/Kg
4,4'-DDE	ND	4.9	ug/Kg
Endrin	ND	4.9	ug/Kg
Endosulfan II	ND	4.9	ug/Kg
Endosulfan sulfate	ND	4.9	ug/Kg
4,4'-DDD	ND	4.9	ug/Kg
Endrin aldehyde	ND	4.9	ug/Kg
Endrin ketone	ND	4.9	ug/Kg
4,4'-DDT	ND	4.9	ug/Kg
Methoxychlor	ND	9.8	ug/Kg
Toxaphene	ND	98	ug/Kg
Chlordane (Technical)	ND	49	ug/Kg

469402-005 Surrogate	%REC	Limits
TCMX	60	23-120
Decachlorobiphenyl	55	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B10-3.0'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-006	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Diln Fac:	1.000	**Analyzed:**	09/27/22		

469402-006 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-006 Surrogate	%REC	Limits
TCMX	45	23-120
Decachlorobiphenyl	39	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B11-1.0'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-007	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil n Fac:	1.000	**Analyzed:**	09/27/22		

469402-007 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-007 Surrogate	%REC	Limits
TCMX	70	23-120
Decachlorobiphenyl	67	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B12-4.0'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-008	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil n Fac:	1.000	**Analyzed:**	09/27/22		

469402-008 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-008 Surrogate	%REC	Limits
TCMX	61	23-120
Decachlorobiphenyl	63	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B13-3.0'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-009	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil n Fac:	1.000	**Analyzed:**	09/27/22		

469402-009 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-009 Surrogate	%REC	Limits
TCMX	65	23-120
Decachlorobiphenyl	62	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B14-4.0'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-010	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil n Fac:	1.000	**Analyzed:**	09/27/22		

469402-010 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-010 Surrogate	%REC	Limits
TCMX	73	23-120
Decachlorobiphenyl	77	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B17-1.0'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-011	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Diln Fac:	1.000	**Analyzed:**	09/27/22		

469402-011 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-011 Surrogate	%REC	Limits
TCMX	73	23-120
Decachlorobiphenyl	69	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B20-1.0'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-012	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Diln Fac:	1.000	**Analyzed:**	09/27/22		

469402-012 Analyte	Result	RL	Units
alpha-BHC	ND	4.9	ug/Kg
beta-BHC	ND	4.9	ug/Kg
gamma-BHC	ND	4.9	ug/Kg
delta-BHC	ND	4.9	ug/Kg
Heptachlor	ND	4.9	ug/Kg
Aldrin	ND	4.9	ug/Kg
Heptachlor epoxide	ND	4.9	ug/Kg
Endosulfan I	ND	4.9	ug/Kg
Dieldrin	ND	4.9	ug/Kg
4,4'-DDE	ND	4.9	ug/Kg
Endrin	ND	4.9	ug/Kg
Endosulfan II	ND	4.9	ug/Kg
Endosulfan sulfate	ND	4.9	ug/Kg
4,4'-DDD	ND	4.9	ug/Kg
Endrin aldehyde	ND	4.9	ug/Kg
Endrin ketone	ND	4.9	ug/Kg
4,4'-DDT	ND	4.9	ug/Kg
Methoxychlor	ND	9.8	ug/Kg
Toxaphene	ND	98	ug/Kg
Chlordane (Technical)	ND	49	ug/Kg

469402-012 Surrogate	%REC	Limits
TCMX	124 *	23-120
Decachlorobiphenyl	131 *	24-120

Legend

***:** Value is outside QC limits

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B21-1.5'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-013	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil n Fac:	1.000	**Analyzed:**	09/27/22		

469402-013 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	9.9	ug/Kg
Toxaphene	ND	99	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-013 Surrogate	%REC	Limits
TCMX	51	23-120
Decachlorobiphenyl	45	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B22-1.0'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-014	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil n Fac:	1.000	**Analyzed:**	09/27/22		

469402-014 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-014 Surrogate	%REC	Limits
TCMX	72	23-120
Decachlorobiphenyl	94	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B23-2.5'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-015	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil n Fac:	1.000	**Analyzed:**	09/27/22		

469402-015 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-015 Surrogate	%REC	Limits
TCMX	59	23-120
Decachlorobiphenyl	32	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B2-2.0'	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-016	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		
Dil Fac:	1.000	**Analyzed:**	09/27/22		

469402-016 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	9.9	ug/Kg
Toxaphene	ND	99	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

469402-016 Surrogate	%REC	Limits
TCMX	63	23-120
Decachlorobiphenyl	57	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	BLANK	**Batch#:**	297596	**Analysis:**	EPA 8081A
Lab ID:	QC1014999	**Prepared:**	09/23/22	**Analyst:**	TRN
Matrix:	Soil	**Analyzed:**	09/26/22		
DilN Fac:	1.000	**Prep:**	EPA 3546		

QC1014999 Analyte	Result	RL	Units
alpha-BHC	ND	5.0	ug/Kg
beta-BHC	ND	5.0	ug/Kg
gamma-BHC	ND	5.0	ug/Kg
delta-BHC	ND	5.0	ug/Kg
Heptachlor	ND	5.0	ug/Kg
Aldrin	ND	5.0	ug/Kg
Heptachlor epoxide	ND	5.0	ug/Kg
Endosulfan I	ND	5.0	ug/Kg
Dieldrin	ND	5.0	ug/Kg
4,4'-DDE	ND	5.0	ug/Kg
Endrin	ND	5.0	ug/Kg
Endosulfan II	ND	5.0	ug/Kg
Endosulfan sulfate	ND	5.0	ug/Kg
4,4'-DDD	ND	5.0	ug/Kg
Endrin aldehyde	ND	5.0	ug/Kg
Endrin ketone	ND	5.0	ug/Kg
4,4'-DDT	ND	5.0	ug/Kg
Methoxychlor	ND	10	ug/Kg
Toxaphene	ND	100	ug/Kg
Chlordane (Technical)	ND	50	ug/Kg

QC1014999 Surrogate	%REC	Limits
TCMX	70	23-120
Decachlorobiphenyl	48	24-120

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **Batch#:** 297596 **Analysis:** EPA 8081A

Lab ID: QC1015004 **Prepared:** 09/23/22 **Analyst:** TRN

Matrix: Soil **Analyzed:** 09/27/22

DilN Fac: 1.000 **Prep:** EPA 3546

QC1015004 Analyte	Spiked	Result	%REC	Limits	Units
alpha-BHC	50.45	37.19	74	22-129	ug/Kg
beta-BHC	50.45	38.10	76	28-125	ug/Kg
gamma-BHC	50.45	37.21	74	22-128	ug/Kg
delta-BHC	50.45	37.90	75	24-131	ug/Kg
Heptachlor	50.45	39.60	78	18-124	ug/Kg
Aldrin	50.45	33.38	66	23-120	ug/Kg
Heptachlor epoxide	50.45	36.32	72	26-120	ug/Kg
Endosulfan I	50.45	38.71	77	25-126	ug/Kg
Dieldrin	50.45	36.28	72	23-124	ug/Kg
4,4'-DDE	50.45	37.79	75	28-121	ug/Kg
Endrin	50.45	40.75	81	25-127	ug/Kg
Endosulfan II	50.45	40.54	80	29-121	ug/Kg
Endosulfan sulfate	50.45	37.75	75	30-121	ug/Kg
4,4'-DDD	50.45	35.48	70	26-120	ug/Kg
Endrin aldehyde	50.45	20.35	40	10-120	ug/Kg
Endrin ketone	50.45	37.73	75	28-125	ug/Kg
4,4'-DDT	50.45	43.85	87	22-125	ug/Kg
Methoxychlor	50.45	46.35	92	28-130	ug/Kg

QC1015004 Surrogate	%REC	Limits
TCMX	61	23-120
Decachlorobiphenyl	77	24-120

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B10-3.0'	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MS	**DiIn Fac:**	1.000	**Analyzed:**	09/27/22
MSS Lab ID:	469402-006	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	QC1015341	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN

QC1015341 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
alpha-BHC	<0.6048	49.31	39.56	80	46-120	ug/Kg
beta-BHC	<0.5505	49.31	37.65	76	41-120	ug/Kg
gamma-BHC	<0.5071	49.31	38.33	78	41-120	ug/Kg
delta-BHC	<1.314	49.31	37.05	75	38-123	ug/Kg
Heptachlor	<0.6799	49.31	41.31	84	39-120	ug/Kg
Aldrin	<1.137	49.31	36.19	73	34-120	ug/Kg
Heptachlor epoxide	<0.9406	49.31	37.11	75	43-120	ug/Kg
Endosulfan I	<0.9779	49.31	38.51	78	45-120	ug/Kg
Dieldrin	<0.9354	49.31	35.75	72	45-120	ug/Kg
4,4'-DDE	<0.9153	49.31	37.09	75	34-120	ug/Kg
Endrin	<1.935	49.31	42.98	87	40-120	ug/Kg
Endosulfan II	<1.131	49.31	39.91	81	41-120	ug/Kg
Endosulfan sulfate	<0.9601	49.31	38.78	79	42-120	ug/Kg
4,4'-DDD	<0.7327	49.31	34.06	69	41-120	ug/Kg
Endrin aldehyde	<1.211	49.31	20.08	41	30-120	ug/Kg
Endrin ketone	<0.9517	49.31	46.69	95	45-120	ug/Kg
4,4'-DDT	<0.9267	49.31	47.99	97	35-127	ug/Kg
Methoxychlor	<3.014	49.31	74.79	152 *	42-136	ug/Kg

QC1015341 Surrogate	%REC	Limits
TCMX	69	23-120
Decachlorobiphenyl	85	24-120

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B10-3.0'	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MSD	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
MSS Lab ID:	469402-006	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	QC1015342	**Sampled:**	09/19/22	**Analysis:**	EPA 8081A
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN

QC1015342 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
alpha-BHC	49.60	31.20	63	46-120	ug/Kg	24	30
beta-BHC	49.60	33.05	67	41-120	ug/Kg	14	30
gamma-BHC	49.60	30.96	62	41-120	ug/Kg	22	30
delta-BHC	49.60	30.97	62	38-123	ug/Kg	18	30
Heptachlor	49.60	33.17	67	39-120	ug/Kg	22	30
Aldrin	49.60	29.07	59	34-120	ug/Kg	22	30
Heptachlor epoxide	49.60	30.82	62	43-120	ug/Kg	19	30
Endosulfan I	49.60	31.78	64	45-120	ug/Kg	20	30
Dieldrin	49.60	29.01	58	45-120	ug/Kg	21	30
4,4'-DDE	49.60	30.12	61	34-120	ug/Kg	21	30
Endrin	49.60	33.34	67	40-120	ug/Kg	26	30
Endosulfan II	49.60	32.55	66	41-120	ug/Kg	21	30
Endosulfan sulfate	49.60	41.71	84	42-120	ug/Kg	7	30
4,4'-DDD	49.60	28.07	57	41-120	ug/Kg	20	30
Endrin aldehyde	49.60	18.33	37	30-120	ug/Kg	10	30
Endrin ketone	49.60	26.31	53	45-120	ug/Kg	56 *	30
4,4'-DDT	49.60	35.86	72	35-127	ug/Kg	30	30
Methoxychlor	49.60	51.64	104	42-136	ug/Kg	37 *	30

QC1015342 Surrogate	%REC	Limits
TCMX	54	23-120
Decachlorobiphenyl	39	24-120

Legend

*: Value is outside QC limits

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B5-0.5'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-001	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-001 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-001 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	106	19-121

Field ID:	B6-2.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-002	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-002 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-002 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	111	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B7-1.5'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-003	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-003 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-003 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	87	19-121

Field ID:	B8-1.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-004	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-004 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-004 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	60	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B9-3.5'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-005	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-005 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	32	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	23	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-005 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	69	19-121

Field ID:	B10-3.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-006	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-006 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-006 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	62	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B11-1.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-007	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-007 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-007 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	81	19-121

Field ID:	B12-4.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-008	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-008 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-008 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	71	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B13-3.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-009	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-009 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-009 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	73	19-121

Field ID:	B14-4.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-010	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-010 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-010 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	85	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B17-1.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-011	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-011 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-011 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	79	19-121

Field ID:	B20-1.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-012	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-012 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	32	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	23	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-012 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	136 *	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B21-1.5'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-013	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-013 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	23	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-013 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	56	19-121

Field ID:	B22-1.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-014	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-014 Analyte	Result	RL	Units
Aroclor-1016	ND	32	ug/Kg
Aroclor-1221	ND	33	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	31	ug/Kg

469402-014 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	106	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B23-2.5'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-015	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-015 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	33	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-015 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	96	19-121

Field ID:	B2-2.0'	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
Type:	SAMPLE	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	469402-016	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN
Basis:	as received	**Prepared:**	09/23/22		

469402-016 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	23	ug/Kg
Aroclor-1260	ND	30	ug/Kg

469402-016 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	70	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Batch#:** 297596 **Analysis:** EPA 8082

Lab ID: QC1014999 **Prepared:** 09/23/22 **Analyst:** TRN

Matrix: Soil **Analyzed:** 09/26/22

Diln Fac: 1.000 **Prep:** EPA 3546

QC1014999 Analyte	Result	RL	Units
Aroclor-1016	ND	31	ug/Kg
Aroclor-1221	ND	32	ug/Kg
Aroclor-1232	ND	20	ug/Kg
Aroclor-1242	ND	33	ug/Kg
Aroclor-1248	ND	37	ug/Kg
Aroclor-1254	ND	24	ug/Kg
Aroclor-1260	ND	30	ug/Kg

QC1014999 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	71	19-121

Legend

***:** Value is outside QC limits

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs): Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **Batch#:** 297596 **Analysis:** EPA 8082

Lab ID: QC1015345 **Prepared:** 09/23/22 **Analyst:** TRN

Matrix: Soil **Analyzed:** 09/27/22

DiIn Fac: 1.000 **Prep:** EPA 3546

QC1015345 Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	496.5	362.2	73	14-150	ug/Kg
Aroclor-1260	496.5	445.2	90	10-150	ug/Kg

QC1015345 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	106	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs): Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B10-3.0'	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MS	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
MSS Lab ID:	469402-006	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	QC1015346	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN

QC1015346 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Aroclor-1016	<31.37	491.6	329.0	67	42-127	ug/Kg
Aroclor-1260	<30.37	491.6	255.2	52	38-130	ug/Kg

QC1015346 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	64	19-121

Field ID:	B10-3.0'	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MSD	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
MSS Lab ID:	469402-006	**Batch#:**	297596	**Prep:**	EPA 3546
Lab ID:	QC1015347	**Sampled:**	09/19/22	**Analysis:**	EPA 8082
Matrix:	Soil	**Received:**	09/20/22	**Analyst:**	TRN

QC1015347 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	498.5	345.9	69	42-127	ug/Kg	4	30
Aroclor-1260	498.5	339.5	68	38-130	ug/Kg	27	30

QC1015347 Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	66	19-121

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B5-0.5' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-001 **DiIn Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-001 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	3.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	**60**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**69**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**29**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**17**	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**120**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**25**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	**0.17**	0.16	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	1.0	mg/Kg	297758	09/27/22	09/27/22	EPA 3050B	EPA 6010B	SBW
Nickel	**51**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	3.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	3.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**92**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**120**	5.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B6-2.0' **Matrix:** Soil **Sampled:** 09/19/22

Lab ID: 469402-002 **Basis:** as received **Received:** 09/20/22

469402-002 Analyte	Result	RL	Units	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	**57**	0.95	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**45**	0.95	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.48	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.48	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**29**	0.95	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**16**	0.48	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**94**	0.95	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**13**	0.95	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	**3.5**	1.6	mg/Kg	10.00	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.98	mg/Kg	1.000	297758	09/27/22	09/27/22	EPA 3050B	EPA 6010B	SBW
Nickel	**69**	0.95	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.48	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**65**	0.95	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**120**	4.8	mg/Kg	1.000	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B7-1.5' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-003 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-003 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	0.95	mg/Kg	297590	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Barium	**8.9**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**110**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**26**	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**75**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**1.8**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.14	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	1.1	mg/Kg	297758	09/27/22	09/27/22	EPA 3050B	EPA 6010B	SBW
Nickel	**89**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**110**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**54**	4.8	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B8-1.0' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-004 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-004 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**9.6**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**120**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**27**	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**83**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**1.7**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.16	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.96	mg/Kg	297758	09/27/22	09/27/22	EPA 3050B	EPA 6010B	SBW
Nickel	**94**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**120**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**57**	4.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B9-3.5' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-005 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-005 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	0.98	mg/Kg	297590	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Barium	**22**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**120**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**26**	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**78**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**1.3**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.14	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.96	mg/Kg	297758	09/27/22	09/27/22	EPA 3050B	EPA 6010B	SBW
Nickel	**93**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**120**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**56**	4.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B10-3.0' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-006 **DiIn Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-006 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**16**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**96**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**21**	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**71**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**3.4**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.16	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	1.1	mg/Kg	297758	09/27/22	09/27/22	EPA 3050B	EPA 6010B	SBW
Nickel	**77**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**97**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**48**	4.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B11-1.0' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-007 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-007 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	3.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**34**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**92**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**19**	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**54**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**1.6**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.16	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	1.0	mg/Kg	297590	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Nickel	**72**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	3.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	3.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**86**	1.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**40**	5.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B12-4.0' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-008 **DiIn Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-008 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	3.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	0.99	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**8.6**	0.99	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**120**	0.99	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**24**	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**67**	0.99	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**1.1**	0.99	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.16	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.99	mg/Kg	297590	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Nickel	**89**	0.99	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	3.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.50	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	3.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**110**	0.99	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**48**	5.0	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B13-3.0' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-009 **Dil n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-009 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**34**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**110**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**24**	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**85**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**2.0**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.16	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.96	mg/Kg	297590	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Nickel	**94**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**110**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**54**	4.8	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B14-4.0' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-010 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-010 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	**5.5**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**180**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**28**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**7.1**	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**30**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**8.6**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.16	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.98	mg/Kg	297590	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Nickel	**23**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**37**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**62**	4.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B17-1.0' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-011 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-011 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	**2.5**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**87**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**140**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**22**	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**59**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**6.0**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.16	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.96	mg/Kg	297758	09/27/22	09/27/22	EPA 3050B	EPA 6010B	SBW
Nickel	**100**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**100**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**60**	4.8	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B20-1.0' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-012 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-012 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	0.97	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**130**	0.97	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**62**	0.97	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**21**	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**62**	0.97	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**2.1**	0.97	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.15	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.97	mg/Kg	297590	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Nickel	**41**	0.97	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**120**	0.97	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**59**	4.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B21-1.5' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-013 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-013 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**31**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**74**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**26**	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**81**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**4.0**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.14	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.98	mg/Kg	297590	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Nickel	**53**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**150**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**72**	4.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B22-1.0' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-014 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-014 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**15**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**53**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**24**	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**86**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**2.8**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.15	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.95	mg/Kg	297590	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Nickel	**47**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**97**	0.95	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**59**	4.8	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B23-2.5' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-015 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-015 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**23**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**69**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**25**	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**71**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**2.9**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.15	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.96	mg/Kg	297590	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Nickel	**48**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.48	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**140**	0.96	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**70**	4.8	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B2-2.0' **Basis:** as received **Received:** 09/20/22

Lab ID: 469402-016 **Dil'n Fac:** 1.000

Matrix: Soil **Sampled:** 09/19/22

469402-016 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Arsenic	ND	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Barium	**62**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Beryllium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cadmium	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Chromium	**110**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Cobalt	**23**	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Copper	**68**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Lead	**5.6**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Mercury	ND	0.16	mg/Kg	297680	09/25/22	09/25/22	METHOD	EPA 7471A	TNN
Molybdenum	ND	0.98	mg/Kg	297590	09/23/22	09/26/22	EPA 3050B	EPA 6010B	SBW
Nickel	**87**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Selenium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Silver	ND	0.49	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Thallium	ND	2.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Vanadium	**100**	0.98	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW
Zinc	**58**	4.9	mg/Kg	297590	09/23/22	09/23/22	EPA 3050B	EPA 6010B	SBW

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Dil'n Fac:** 1.000 **Prep:** EPA 3050B

Lab ID: QC1014814 **Batch#:** 297590 **Analysis:** EPA 6010B

Matrix: Soil **Prepared:** 09/23/22 **Analyst:** SBW

QC1014814 Analyte	Result	RL	Units	Analyzed
Antimony	ND	3.0	mg/Kg	09/23/22
Arsenic	ND	1.0	mg/Kg	09/26/22
Barium	ND	1.0	mg/Kg	09/23/22
Beryllium	ND	0.50	mg/Kg	09/23/22
Cadmium	ND	0.50	mg/Kg	09/23/22
Chromium	ND	1.0	mg/Kg	09/23/22
Cobalt	**0.68**	0.50	mg/Kg	09/26/22
Copper	ND	1.0	mg/Kg	09/23/22
Lead	ND	1.0	mg/Kg	09/26/22
Molybdenum	**3.6**	1.0	mg/Kg	09/26/22
Nickel	**2.0**	1.0	mg/Kg	09/26/22
Selenium	ND	3.0	mg/Kg	09/23/22
Silver	ND	0.50	mg/Kg	09/23/22
Thallium	ND	3.0	mg/Kg	09/23/22
Vanadium	**1.2**	1.0	mg/Kg	09/26/22
Zinc	ND	5.0	mg/Kg	09/23/22

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **DilnFac:** 1.000 **Prep:** EPA 3050B

Lab ID: QC1014815 **Batch#:** 297590 **Analysis:** EPA 6010B

Matrix: Soil **Prepared:** 09/23/22 **Analyst:** SBW

QC1014815 Analyte	Spiked	Result	%REC	Limits	Units	Analyzed
Antimony	100.0	94.25	94	80-120	mg/Kg	09/23/22
Arsenic	100.0	99.60	100	80-120	mg/Kg	09/23/22
Barium	100.0	96.02	96	80-120	mg/Kg	09/23/22
Beryllium	100.0	101.4	101	80-120	mg/Kg	09/23/22
Cadmium	100.0	96.31	96	80-120	mg/Kg	09/23/22
Chromium	100.0	98.71	99	80-120	mg/Kg	09/23/22
Cobalt	100.0	98.91	99	80-120	mg/Kg	09/23/22
Copper	100.0	95.29	95	80-120	mg/Kg	09/23/22
Lead	100.0	101.6	102	80-120	mg/Kg	09/23/22
Molybdenum	100.0	110.6	111	80-120	mg/Kg	09/26/22
Nickel	100.0	101.5	101	80-120	mg/Kg	09/23/22
Selenium	100.0	85.83	86	80-120	mg/Kg	09/23/22
Silver	50.00	47.67	95	80-120	mg/Kg	09/23/22
Thallium	100.0	96.45	96	80-120	mg/Kg	09/23/22
Vanadium	100.0	98.82	99	80-120	mg/Kg	09/23/22
Zinc	100.0	94.75	95	80-120	mg/Kg	09/23/22

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MS	**Diln Fac:**	1.000	**Analyzed:**	09/23/22
MSS Lab ID:	469433-001	**Batch#:**	297590	**Prep:**	EPA 3050B
Lab ID:	QC1014816	**Sampled:**	09/20/22	**Analysis:**	EPA 6010B
Matrix:	Miscell.	**Received:**	09/21/22	**Analyst:**	SBW

QC1014816 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units	Qual
Antimony	2.231	99.01	21.42	19 *	75-125	mg/Kg	
Arsenic	126.4	99.01	238.2	113	75-125	mg/Kg	
Barium	87.41	99.01	191.5	105	75-125	mg/Kg	
Beryllium	<0.1058	99.01	95.87	97	75-125	mg/Kg	
Cadmium	2.809	99.01	96.57	95	75-125	mg/Kg	
Chromium	21.07	99.01	114.7	95	75-125	mg/Kg	
Cobalt	27.20	99.01	119.9	94	75-125	mg/Kg	
Copper	1,712	99.01	1,921	212	75-125	mg/Kg	NM
Lead	81.92	99.01	183.7	103	75-125	mg/Kg	
Molybdenum	8.790	99.01	98.88	91	75-125	mg/Kg	
Nickel	8.832	99.01	99.29	91	75-125	mg/Kg	
Selenium	6.309	99.01	88.60	83	75-125	mg/Kg	
Silver	0.5550	49.50	46.82	93	75-125	mg/Kg	
Thallium	<0.5577	99.01	85.60	86	75-125	mg/Kg	
Vanadium	31.61	99.01	122.9	92	75-125	mg/Kg	
Zinc	3,882	99.01	4,405	528	75-125	mg/Kg	NM

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/23/22
Type:	MSD	**Diln Fac:**	1.000	**Analyzed:**	09/23/22
MSS Lab ID:	469433-001	**Batch#:**	297590	**Prep:**	EPA 3050B
Lab ID:	QC1014817	**Sampled:**	09/20/22	**Analysis:**	EPA 6010B
Matrix:	Miscell.	**Received:**	09/21/22	**Analyst:**	SBW

QC1014817 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim	Qual
Antimony	99.01	23.76	22 *	75-125	mg/Kg	10	41	
Arsenic	99.01	248.6	123	75-125	mg/Kg	4	35	
Barium	99.01	198.5	112	75-125	mg/Kg	4	20	
Beryllium	99.01	99.89	101	75-125	mg/Kg	4	20	
Cadmium	99.01	100.6	99	75-125	mg/Kg	4	20	
Chromium	99.01	118.7	99	75-125	mg/Kg	3	20	
Cobalt	99.01	126.2	100	75-125	mg/Kg	5	20	
Copper	99.01	1,996	287	75-125	mg/Kg	4	20	NM
Lead	99.01	194.1	113	75-125	mg/Kg	6	20	
Molybdenum	99.01	103.6	96	75-125	mg/Kg	5	20	
Nickel	99.01	103.8	96	75-125	mg/Kg	4	20	
Selenium	99.01	91.36	86	75-125	mg/Kg	3	20	
Silver	49.50	49.67	99	75-125	mg/Kg	6	20	
Thallium	99.01	89.32	90	75-125	mg/Kg	4	20	
Vanadium	99.01	128.0	97	75-125	mg/Kg	4	20	
Zinc	99.01	4,718	845	75-125	mg/Kg	7	20	NM

California Title 22 Metals: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Legend

***:** Value is outside QC limits

NM: Not Meaningful

RPD: Relative Percent Difference

California Title 22 Metals: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	BLANK	**Batch#:**	297680	**Analysis:**	EPA 7471A
Lab ID:	QC1015131	**Prepared:**	09/25/22	**Analyst:**	TNN
Matrix:	Miscell.	**Analyzed:**	09/25/22		
DiIn Fac:	1.000	**Prep:**	METHOD		

QC1015131 Analyte	Result	RL	Units
Mercury	ND	0.14	mg/Kg

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **Batch#:** 297680 **Analysis:** EPA 7471A

Lab ID: QC1015132 **Prepared:** 09/25/22 **Analyst:** TNN

Matrix: Miscell. **Analyzed:** 09/25/22

DiIn Fac: 1.000 **Prep:** METHOD

QC1015132 Analyte	Spiked	Result	%REC	Limits	Units
Mercury	0.8333	0.7691	92	80-120	mg/Kg

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/25/22
Type:	MS	**Diln Fac:**	1.000	**Analyzed:**	09/25/22
MSS Lab ID:	469433-001	**Batch#:**	297680	**Prep:**	METHOD
Lab ID:	QC1015133	**Sampled:**	09/20/22	**Analysis:**	EPA 7471A
Matrix:	Miscell.	**Received:**	09/21/22	**Analyst:**	TNN

QC1015133 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Mercury	<0.02569	0.8621	0.7948	92	75-125	mg/Kg

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/25/22
Type:	MSD	**Diln Fac:**	1.000	**Analyzed:**	09/25/22
MSS Lab ID:	469433-001	**Batch#:**	297680	**Prep:**	METHOD
Lab ID:	QC1015134	**Sampled:**	09/20/22	**Analysis:**	EPA 7471A
Matrix:	Miscell.	**Received:**	09/21/22	**Analyst:**	TNN

QC1015134 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Mercury	0.8621	0.8524	99	75-125	mg/Kg	7	20

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	BLANK	**Batch#:**	297758	**Analysis:**	EPA 6010B
Lab ID:	QC1015396	**Prepared:**	09/27/22	**Analyst:**	SBW
Matrix:	Soil	**Analyzed:**	09/27/22		
DiIn Fac:	1.000	**Prep:**	EPA 3050B		

QC1015396 Analyte	Result	RL	Units
Molybdenum	ND	1.0	mg/Kg

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	LCS	**Batch#:**	297758	**Analysis:**	EPA 6010B
Lab ID:	QC1015397	**Prepared:**	09/27/22	**Analyst:**	SBW
Matrix:	Soil	**Analyzed:**	09/27/22		
DiIn Fac:	1.000	**Prep:**	EPA 3050B		

QC1015397 Analyte	Spiked	Result	%REC	Limits	Units
Molybdenum	100.0	102.4	102	80-120	mg/Kg

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 469402 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/27/22
Type:	MS	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
MSS Lab ID:	469614-003	**Batch#:**	297758	**Prep:**	EPA 3050B
Lab ID:	QC1015398	**Sampled:**	09/26/22	**Analysis:**	EPA 6010B
Matrix:	Soil	**Received:**	09/26/22	**Analyst:**	SBW

QC1015398 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Molybdenum	<0.5784	97.09	99.90	103	75-125	mg/Kg

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	09/27/22
Type:	MSD	**Diln Fac:**	1.000	**Analyzed:**	09/27/22
MSS Lab ID:	469614-003	**Batch#:**	297758	**Prep:**	EPA 3050B
Lab ID:	QC1015399	**Sampled:**	09/26/22	**Analysis:**	EPA 6010B
Matrix:	Soil	**Received:**	09/26/22	**Analyst:**	SBW

QC1015399 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Molybdenum	97.09	96.84	100	75-125	mg/Kg	3	20

Legend

RPD: Relative Percent Difference

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number:	469892
Report Level:	II
Report Date:	10/11/2022

Analytical Report *prepared for:*

Jeremy Wilson
Rosso Environmental, Inc.
PO Box 1923
Lafayette, CA 94549

Project: 22-0013.01 - Palo Alto

Authorized for release by:

Sophia Baughman, Project Manager
sophia.baughman@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Jeremy Wilson
Rosso Environmental, Inc.
PO Box 1923
Lafayette, CA 94549

Lab Job #:	469892
Project No:	22-0013.01
Location:	Palo Alto
Dates Received:	09/20/22,09/21/22

Sample ID	Lab ID	Collected	Matrix
B5-0.5'	469892-001	09/19/22 11:00	Soil
B6-2.0'	469892-002	09/19/22 11:12	Soil
B7-1.5'	469892-003	09/19/22 07:41	Soil
B8-1.0'	469892-004	09/19/22 07:53	Soil
B9-3.5'	469892-005	09/19/22 08:06	Soil
B10-3.0'	469892-006	09/19/22 08:15	Soil
B11-1.0'	469892-007	09/19/22 08:26	Soil
B12-4.0'	469892-008	09/19/22 13:18	Soil
B13-3.0'	469892-009	09/19/22 13:07	Soil
B17-1.0'	469892-010	09/19/22 12:11	Soil
B20-1.0'	469892-011	09/19/22 12:31	Soil
B21-1.5'	469892-012	09/19/22 12:21	Soil
B22-1.0'	469892-013	09/19/22 12:41	Soil
B23-2.5'	469892-014	09/19/22 12:57	Soil
B2-2.0'	469892-015	09/19/22 09:27	Soil
B1-1.5'	469892-016	09/20/22 08:46	Soil
B3-1.5'	469892-017	09/20/22 12:11	Soil
B4-2.0'	469892-018	09/20/22 11:21	Soil
SV5-1.0'	469892-019	09/20/22 10:01	Soil
B15-1.5'	469892-020	09/21/22 08:31	Soil
B16-1.0'	469892-021	09/21/22 09:03	Soil
B18-1.0'	469892-022	09/21/22 14:11	Soil
B19-1.0'	469892-023	09/21/22 08:25	Soil
DRUM COMP	469892-024	09/21/22 10:30	Soil

ENTHALPY ANALYTICAL

Case Narrative

Rosso Environmental, Inc. PO Box 1923 Lafayette, CA 94549 Jeremy Wilson	Lab Job Number: 469892 Project No: 22-0013.01 Location: Palo Alto Dates Received: 09/20/22, 09/21/22

This data package contains sample and QC results for twenty four soil samples, requested for the above referenced project on 09/29/22. The samples were received cold and intact.

Metals (EPA 6010B) TCLP Leachate:
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A) WET Leachate:
No analytical problems were encountered.

MONTROSE ENVIRONMENTAL

Sophia Baughman <sophia.baughman@enthalpy.com>

[EXTERNAL] Re: 22-0013.01 - Enthalpy Data (469472)

Jeremy Wilson <jeremywilson@rossoenv.com> Thu, Sep 29, 2022 at 3:14 PM
To: sophia.baughman@enthalpy.com, Jon Rosso <jrosso@rossoenv.com>, John Goyette <john.goyette@enthalpy.com>, Erick Leif <eleif@rossoenv.com>, John Glover <johnglover@rossoenv.com>

Hi Sophia,
Below are the additional solubility testing that appears warranted for the Palo Alto Project; standard TAT. Can you provide a cost estimate for these tests before we approve the work? We may need to get additional funds and approval from our client. Thanks Jeremy

Arsenic STLC (3)

- B1-1.5'
- B5-0.5'
- B6-2.0'

Arsenic TCLP (1)

- B1-1.5'

Chromium STLC (22)

- B1-1.5'
- B2-2.0'
- B3-1.5'
- B4-2.0'
- B7-1.5'
- B8-1.0'
- B9-3.5'
- B10-3.0'
- B11-1.0'
- B12-4.0'
- B13-3.0'
- B15-1.5'
- B16-1.0'
- B17-1.0'
- B18-1.0'
- B19-1.0'
- B20-1.0'
- B21-1.5'
- B22-1.0'
- B23-2.5'
- SV-5-1.0'
- Composite A

Chromium TCLP (8)

- B7-1.5'
- B8-1.0'
- B9-3.5'
- B12-4.0'
- B13-3.0'
- B15-1.5'
- B17-1.0'
- Composite A

Lead STLC (2)

- B18-1.0'
- B19-1.0'

Mercury STLC (1)

- B6-2.0'

Jeremy Wilson, REPA
Senior Project Manager

ROSSO ENVIRONMENTAL, INC.

415-583-9067 (mobile)
jwilson@rossoenv.com

On Wed, Sep 28, 2022 at 5:09 PM Sophia Baughman <sophia.baughman@enthalpy.com> wrote:

> Hi Jeremy,
>
> Please find attached the following files:
> • PDF Deliverable
> • Standard Format EDD (469472_standard.zip)
>
> You may also access this data at https://labline-orange.enthalpy.com/
> Email was also sent to: eleif@rossoenv.com
>
> Sophia Baughman
> Project Manager
>
> ENTHALPY ANALYTICAL
>
> 2323 Fifth St., Berkeley, CA 94710
> O: (510)204-2227
> Sophia.Baughman@enthalpy.com
>
> *To help protect the air we breathe, the water we drink, and the soil that feeds us.*
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ENTHALPY ANALYTICAL

Metals Analytical Report

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B7-1.5'	**Batch#:** 298118	**Prep:** EPA 3050B
Type: SAMPLE	**Sampled:** 09/19/22	**Analysis:** EPA 6010B
Lab ID: 469892-003	**Received:** 09/20/22	**Analyst:** SBW
Matrix: TCLP Leachate	**Prepared:** 10/01/22	
Diln Fac: 1.000	**Analyzed:** 10/04/22	

469892-003 Analyte	Result	RL	Units
Chromium	ND	0.030	mg/L

Field ID: B8-1.0'	**Batch#:** 298118	**Prep:** EPA 3050B
Type: SAMPLE	**Sampled:** 09/19/22	**Analysis:** EPA 6010B
Lab ID: 469892-004	**Received:** 09/20/22	**Analyst:** SBW
Matrix: TCLP Leachate	**Prepared:** 10/01/22	
Diln Fac: 1.000	**Analyzed:** 10/04/22	

469892-004 Analyte	Result	RL	Units
Chromium	ND	0.030	mg/L

Field ID: B9-3.5'	**Batch#:** 298118	**Prep:** EPA 3050B
Type: SAMPLE	**Sampled:** 09/19/22	**Analysis:** EPA 6010B
Lab ID: 469892-005	**Received:** 09/20/22	**Analyst:** SBW
Matrix: TCLP Leachate	**Prepared:** 10/01/22	
Diln Fac: 1.000	**Analyzed:** 10/04/22	

469892-005 Analyte	Result	RL	Units
Chromium	ND	0.030	mg/L

Field ID: B12-4.0'	**Batch#:** 298118	**Prep:** EPA 3050B
Type: SAMPLE	**Sampled:** 09/19/22	**Analysis:** EPA 6010B
Lab ID: 469892-008	**Received:** 09/20/22	**Analyst:** SBW
Matrix: TCLP Leachate	**Prepared:** 10/01/22	
Diln Fac: 1.000	**Analyzed:** 10/04/22	

469892-008 Analyte	Result	RL	Units
Chromium	ND	0.030	mg/L

Field ID: B13-3.0'	**Batch#:** 298118	**Prep:** EPA 3050B
Type: SAMPLE	**Sampled:** 09/19/22	**Analysis:** EPA 6010B
Lab ID: 469892-009	**Received:** 09/20/22	**Analyst:** SBW
Matrix: TCLP Leachate	**Prepared:** 10/01/22	
Diln Fac: 1.000	**Analyzed:** 10/04/22	

469892-009 Analyte	Result	RL	Units
Chromium	ND	0.030	mg/L

ENTHALPY ANALYTICAL

Metals Analytical Report

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	B17-1.0'	**Batch#:**	298118	**Prep:**	EPA 3050B
Type:	SAMPLE	**Sampled:**	09/19/22	**Analysis:**	EPA 6010B
Lab ID:	469892-010	**Received:**	09/20/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Prepared:**	10/01/22		
Diln Fac:	1.000	**Analyzed:**	10/04/22		

469892-010 Analyte	Result	RL	Units
Chromium	ND	0.030	mg/L

Field ID:	B2-2.0'	**Batch#:**	298118	**Prep:**	EPA 3050B
Type:	SAMPLE	**Sampled:**	09/19/22	**Analysis:**	EPA 6010B
Lab ID:	469892-015	**Received:**	09/20/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Prepared:**	10/01/22		
Diln Fac:	1.000	**Analyzed:**	10/04/22		

469892-015 Analyte	Result	RL	Units
Chromium	ND	0.030	mg/L

Field ID:	B1-1.5'	**Batch#:**	298118	**Prep:**	EPA 3050B
Type:	SAMPLE	**Sampled:**	09/20/22	**Analysis:**	EPA 6010B
Lab ID:	469892-016	**Received:**	09/21/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Prepared:**	10/01/22		
Diln Fac:	1.000	**Analyzed:**	10/04/22		

469892-016 Analyte	Result	RL	Units
Arsenic	**0.21**	0.030	mg/L

Field ID:	B3-1.5'	**Batch#:**	298118	**Prep:**	EPA 3050B
Type:	SAMPLE	**Sampled:**	09/20/22	**Analysis:**	EPA 6010B
Lab ID:	469892-017	**Received:**	09/21/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Prepared:**	10/01/22		
Diln Fac:	1.000	**Analyzed:**	10/04/22		

469892-017 Analyte	Result	RL	Units
Chromium	ND	0.030	mg/L

Field ID:	B15-1.5'	**Batch#:**	298230	**Prep:**	EPA 3010A
Type:	SAMPLE	**Sampled:**	09/21/22	**Analysis:**	EPA 6010B
Lab ID:	469892-020	**Received:**	09/21/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Prepared:**	10/04/22		
Diln Fac:	1.000	**Analyzed:**	10/04/22		

469892-020 Analyte	Result	RL	Units
Chromium	ND	0.030	mg/L

ENTHALPY ANALYTICAL

Metals Analytical Report

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	DRUM COMP	**Batch#:**	298230	**Prep:**	EPA 3010A
Type:	SAMPLE	**Sampled:**	09/21/22	**Analysis:**	EPA 6010B
Lab ID:	469892-024	**Received:**	09/21/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Prepared:**	10/04/22		
Diln Fac:	1.000	**Analyzed:**	10/04/22		

469892-024 Analyte	Result	RL	Units
Chromium	ND	0.030	mg/L

Type:	BLANK	**Batch#:**	298118	**Analysis:**	EPA 6010B
Lab ID:	QC1016461	**Prepared:**	10/01/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Analyzed:**	10/03/22		
Diln Fac:	1.000	**Prep:**	EPA 3050B		

QC1016461 Analyte	Result	RL	Units
Arsenic	ND	0.030	mg/L
Chromium	ND	0.030	mg/L

Type:	BLANK	**Batch#:**	298230	**Analysis:**	EPA 6010B
Lab ID:	QC1016843	**Prepared:**	10/04/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Analyzed:**	10/04/22		
Diln Fac:	1.000	**Prep:**	EPA 3010A		

QC1016843 Analyte	Result	RL	Units
Chromium	ND	0.030	mg/L

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Metals Analytical Report: Batch QC

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **Batch#:** 298118 **Analysis:** EPA 6010B

Lab ID: QC1016462 **Prepared:** 10/01/22 **Analyst:** SBW

Matrix: TCLP Leachate **Analyzed:** 10/03/22

DilN Fac: 1.000 **Prep:** EPA 3050B

QC1016462 Analyte	Spiked	Result	%REC	Limits	Units
Arsenic	2.000	2.180	109	80-120	mg/L
Chromium	2.000	2.022	101	80-120	mg/L

ENTHALPY ANALYTICAL

Metals Analytical Report: Batch QC

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	ZZZZZZZZZZ	**Dil'n Fac:**	1.000	**Analyzed:**	10/03/22
Type:	MS	**Batch#:**	298118	**Prep:**	EPA 3050B
MSS Lab ID:	469412-005	**Sampled:**	09/20/22	**Analysis:**	EPA 6010B
Lab ID:	QC1016463	**Received:**	09/21/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Prepared:**	10/01/22		

QC1016463 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Arsenic	0.02186	2.000	2.277	113	75-125	mg/L
Chromium	0.001013	2.000	2.063	103	75-125	mg/L

Field ID:	ZZZZZZZZZZ	**Dil'n Fac:**	1.000	**Analyzed:**	10/03/22
Type:	MSD	**Batch#:**	298118	**Prep:**	EPA 3050B
MSS Lab ID:	469412-005	**Sampled:**	09/20/22	**Analysis:**	EPA 6010B
Lab ID:	QC1016464	**Received:**	09/21/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Prepared:**	10/01/22		

QC1016464 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Arsenic	2.000	2.244	111	75-125	mg/L	1	20
Chromium	2.000	2.022	101	75-125	mg/L	2	20

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Metals Analytical Report: Batch QC

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	LCS	**Batch#:**	298230	**Analysis:**	EPA 6010B
Lab ID:	QC1016844	**Prepared:**	10/04/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Analyzed:**	10/04/22		
DilN Fac:	1.000	**Prep:**	EPA 3010A		

QC1016844 Analyte	Spiked	Result	%REC	Limits	Units
Chromium	1.000	0.9441	94	80-120	mg/L

ENTHALPY ANALYTICAL

Metals Analytical Report: Batch QC

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	ZZZZZZZZZZ	**Dil'n Fac:**	1.000	**Analyzed:**	10/04/22
Type:	MS	**Batch#:**	298230	**Prep:**	EPA 3010A
MSS Lab ID:	468824-001	**Sampled:**	09/07/22	**Analysis:**	EPA 6010B
Lab ID:	QC1016845	**Received:**	09/09/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Prepared:**	10/04/22		

QC1016845 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Chromium	0.004240	1.000	0.9346	93	75-125	mg/L

Field ID:	ZZZZZZZZZZ	**Dil'n Fac:**	1.000	**Analyzed:**	10/04/22
Type:	MSD	**Batch#:**	298230	**Prep:**	EPA 3010A
MSS Lab ID:	468824-001	**Sampled:**	09/07/22	**Analysis:**	EPA 6010B
Lab ID:	QC1016846	**Received:**	09/09/22	**Analyst:**	SBW
Matrix:	TCLP Leachate	**Prepared:**	10/04/22		

QC1016846 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Chromium	1.000	0.9393	94	75-125	mg/L	0	20

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Metals Analytical Report

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B5-0.5' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-001 **Sampled:** 09/19/22 **Analyst:** SBW

469892-001 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Arsenic	**0.085**	0.030	mg/L	298151	10/03/22	10/04/22	EPA 6010B

Field ID: B6-2.0' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-002 **Sampled:** 09/19/22 **Analyst:** SBW

469892-002 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Arsenic	**0.17**	0.030	mg/L	298151	10/03/22	10/04/22	EPA 6010B
Mercury	ND	0.010	mg/L	298468	10/07/22	10/10/22	EPA 7470A

Field ID: B7-1.5' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-003 **Sampled:** 09/19/22 **Analyst:** SBW

469892-003 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.030	mg/L	298151	10/03/22	10/04/22	EPA 6010B

Field ID: B8-1.0' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-004 **Sampled:** 09/19/22 **Analyst:** SBW

469892-004 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.030	mg/L	298151	10/03/22	10/04/22	EPA 6010B

Field ID: B9-3.5' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-005 **Sampled:** 09/19/22 **Analyst:** SBW

469892-005 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.030	mg/L	298151	10/03/22	10/04/22	EPA 6010B

Field ID: B10-3.0' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-006 **Sampled:** 09/19/22 **Analyst:** SBW

469892-006 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.030	mg/L	298151	10/03/22	10/04/22	EPA 6010B

Field ID: B11-1.0' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-007 **Sampled:** 09/19/22 **Analyst:** SBW

469892-007 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

ENTHALPY ANALYTICAL

Metals Analytical Report

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B12-4.0' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-008 **Sampled:** 09/19/22 **Analyst:** SBW

469892-008 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: B13-3.0' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-009 **Sampled:** 09/19/22 **Analyst:** SBW

469892-009 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: B17-1.0' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-010 **Sampled:** 09/19/22 **Analyst:** SBW

469892-010 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: B20-1.0' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-011 **Sampled:** 09/19/22 **Analyst:** SBW

469892-011 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: B21-1.5' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-012 **Sampled:** 09/19/22 **Analyst:** SBW

469892-012 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: B22-1.0' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-013 **Sampled:** 09/19/22 **Analyst:** SBW

469892-013 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: B23-2.5' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-014 **Sampled:** 09/19/22 **Analyst:** SBW

469892-014 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

ENTHALPY ANALYTICAL

Metals Analytical Report

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B2-2.0' **Matrix:** WET Leachate **Received:** 09/20/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-015 **Sampled:** 09/19/22 **Analyst:** SBW

469892-015 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: B1-1.5' **Matrix:** WET Leachate **Received:** 09/21/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-016 **Sampled:** 09/20/22 **Analyst:** SBW

469892-016 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Arsenic	**1.7**	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: B3-1.5' **Matrix:** WET Leachate **Received:** 09/21/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-017 **Sampled:** 09/20/22 **Analyst:** SBW

469892-017 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: B4-2.0' **Matrix:** WET Leachate **Received:** 09/21/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-018 **Sampled:** 09/20/22 **Analyst:** SBW

469892-018 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: SV5-1.0' **Matrix:** WET Leachate **Received:** 09/21/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-019 **Sampled:** 09/20/22 **Analyst:** SBW

469892-019 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: B15-1.5' **Matrix:** WET Leachate **Received:** 09/21/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-020 **Sampled:** 09/21/22 **Analyst:** SBW

469892-020 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

Field ID: B16-1.0' **Matrix:** WET Leachate **Received:** 09/21/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-021 **Sampled:** 09/21/22 **Analyst:** SBW

469892-021 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298148	10/03/22	10/03/22	EPA 6010B

ENTHALPY ANALYTICAL

Metals Analytical Report

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: B18-1.0' **Matrix:** WET Leachate **Received:** 09/21/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-022 **Sampled:** 09/21/22 **Analyst:** SBW

469892-022 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298516	10/10/22	10/10/22	EPA 6010B
Lead	ND	0.15	mg/L	298516	10/10/22	10/10/22	EPA 6010B

Field ID: B19-1.0' **Matrix:** WET Leachate **Received:** 09/21/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-023 **Sampled:** 09/21/22 **Analyst:** SBW

469892-023 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298516	10/10/22	10/10/22	EPA 6010B
Lead	**0.20**	0.15	mg/L	298516	10/10/22	10/10/22	EPA 6010B

Field ID: DRUM COMP **Matrix:** WET Leachate **Received:** 09/21/22
Type: SAMPLE **Diln Fac:** 1.000 **Prep:** METHOD
Lab ID: 469892-024 **Sampled:** 09/21/22 **Analyst:** SBW

469892-024 Analyte	Result	RL	Units	Batch#	Prepared	Analyzed	Analysis
Chromium	ND	0.30	mg/L	298516	10/10/22	10/10/22	EPA 6010B

Type: BLANK **Batch#:** 298148 **Analysis:** EPA 6010B
Lab ID: QC1016581 **Prepared:** 10/03/22 **Analyst:** SBW
Matrix: WET Leachate **Analyzed:** 10/03/22
Diln Fac: 1.000 **Prep:** METHOD

QC1016581 Analyte	Result	RL	Units
Arsenic	ND	0.30	mg/L
Chromium	ND	0.30	mg/L

Type: BLANK **Batch#:** 298148 **Analysis:** EPA 6010B
Lab ID: QC1016593 **Prepared:** 10/03/22 **Analyst:** SBW
Matrix: WET Leachate **Analyzed:** 10/03/22
Diln Fac: 1.000 **Prep:** METHOD

QC1016593 Analyte	Result	RL	Units
Arsenic	ND	0.30	mg/L
Chromium	ND	0.30	mg/L

ENTHALPY ANALYTICAL

Metals Analytical Report

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Batch#:** 298151 **Analysis:** EPA 6010B
Lab ID: QC1016584 **Prepared:** 10/03/22 **Analyst:** SBW
Matrix: WET Leachate **Analyzed:** 10/03/22
Diln Fac: 1.000 **Prep:** METHOD

QC1016584 Analyte	Result	RL	Units
Arsenic	ND	0.030	mg/L
Chromium	ND	0.030	mg/L

Type: BLANK **Batch#:** 298151 **Analysis:** EPA 6010B
Lab ID: QC1016587 **Prepared:** 10/03/22 **Analyst:** SBW
Matrix: WET Leachate **Analyzed:** 10/03/22
Diln Fac: 1.000 **Prep:** METHOD

QC1016587 Analyte	Result	RL	Units
Arsenic	ND	0.030	mg/L
Chromium	ND	0.030	mg/L

Type: BLANK **Batch#:** 298468 **Analysis:** EPA 7470A
Lab ID: QC1017519 **Prepared:** 10/07/22 **Analyst:** SBW
Matrix: WET Leachate **Analyzed:** 10/10/22
Diln Fac: 1.000 **Prep:** METHOD

QC1017519 Analyte	Result	RL	Units
Mercury	ND	0.010	mg/L

Type: BLANK **Batch#:** 298468 **Analysis:** EPA 7470A
Lab ID: QC1017520 **Prepared:** 10/07/22 **Analyst:** SBW
Matrix: WET Leachate **Analyzed:** 10/10/22
Diln Fac: 1.000 **Prep:** METHOD

QC1017520 Analyte	Result	RL	Units
Mercury	ND	0.010	mg/L

Type: BLANK **Batch#:** 298468 **Analysis:** EPA 7470A
Lab ID: QC1017521 **Prepared:** 10/07/22 **Analyst:** SBW
Matrix: WET Leachate **Analyzed:** 10/10/22
Diln Fac: 1.000 **Prep:** METHOD

QC1017521 Analyte	Result	RL	Units
Mercury	ND	0.010	mg/L

ENTHALPY ANALYTICAL

Metals Analytical Report

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type:	BLANK	**Batch#:**	298516	**Analysis:**	EPA 6010B
Lab ID:	QC1017636	**Prepared:**	10/10/22	**Analyst:**	SBW
Matrix:	WET Leachate	**Analyzed:**	10/10/22		
Diln Fac:	1.000	**Prep:**	METHOD		

QC1017636 Analyte	Result	RL	Units
Chromium	ND	0.30	mg/L
Lead	ND	0.15	mg/L

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Metals Analytical Report: Batch QC

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **DilnFac:** 1.000 **Prep:** METHOD

Lab ID: QC1016588 **Batch#:** 298151 **Analysis:** EPA 6010B

Matrix: WET Leachate **Prepared:** 10/03/22 **Analyst:** SBW

QC1016588 Analyte	Spiked	Result	%REC	Limits	Units	Analyzed
Arsenic	0.4000	0.4334	108	80-120	mg/L	10/04/22
Chromium	0.4000	0.4469	112	80-120	mg/L	10/03/22

Type: BSD **DilnFac:** 1.000 **Prep:** METHOD

Lab ID: QC1016589 **Batch#:** 298151 **Analysis:** EPA 6010B

Matrix: WET Leachate **Prepared:** 10/03/22 **Analyst:** SBW

QC1016589 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim	Analyzed
Arsenic	0.4000	0.4264	107	80-120	mg/L	2	20	10/04/22
Chromium	0.4000	0.4455	111	80-120	mg/L	0	20	10/03/22

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Metals Analytical Report: Batch QC

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **Batch#:** 298148 **Analysis:** EPA 6010B

Lab ID: QC1016594 **Prepared:** 10/03/22 **Analyst:** SBW

Matrix: WET Leachate **Analyzed:** 10/03/22

Diln Fac: 1.000 **Prep:** METHOD

QC1016594 Analyte	Spiked	Result	%REC	Limits	Units
Arsenic	4.000	4.285	107	80-120	mg/L
Chromium	4.000	4.238	106	80-120	mg/L

Type: BSD **Batch#:** 298148 **Analysis:** EPA 6010B

Lab ID: QC1016595 **Prepared:** 10/03/22 **Analyst:** SBW

Matrix: WET Leachate **Analyzed:** 10/03/22

Diln Fac: 1.000 **Prep:** METHOD

QC1016595 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Arsenic	4.000	4.273	107	80-120	mg/L	0	20
Chromium	4.000	4.194	105	80-120	mg/L	1	20

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Metals Analytical Report: Batch QC

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: LCS **Batch#:** 298468 **Analysis:** EPA 7470A

Lab ID: QC1017522 **Prepared:** 10/07/22 **Analyst:** SBW

Matrix: WET Leachate **Analyzed:** 10/10/22

Diln Fac: 1.000 **Prep:** METHOD

QC1017522 Analyte	Spiked	Result	%REC	Limits	Units
Mercury	0.05000	0.04832	97	80-120	mg/L

ENTHALPY ANALYTICAL

Metals Analytical Report: Batch QC

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	ZZZZZZZZZZ	**Diln Fac:**	1.000	**Analyzed:**	10/10/22
Type:	MS	**Batch#:**	298468	**Prep:**	METHOD
MSS Lab ID:	469412-002	**Sampled:**	09/20/22	**Analysis:**	EPA 7470A
Lab ID:	QC1017527	**Received:**	09/21/22	**Analyst:**	SBW
Matrix:	WET Leachate	**Prepared:**	10/07/22		

QC1017527 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Mercury	0.004428	0.05000	0.05559	102	75-125	mg/L

Field ID:	ZZZZZZZZZZ	**Diln Fac:**	1.000	**Analyzed:**	10/10/22
Type:	MSD	**Batch#:**	298468	**Prep:**	METHOD
MSS Lab ID:	469412-002	**Sampled:**	09/20/22	**Analysis:**	EPA 7470A
Lab ID:	QC1017528	**Received:**	09/21/22	**Analyst:**	SBW
Matrix:	WET Leachate	**Prepared:**	10/07/22		

QC1017528 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Mercury	0.05000	0.05363	98	75-125	mg/L	4	20

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Metals Analytical Report: Batch QC

Lab #: 469892 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **Batch#:** 298516 **Analysis:** EPA 6010B

Lab ID: QC1017637 **Prepared:** 10/10/22 **Analyst:** SBW

Matrix: WET Leachate **Analyzed:** 10/10/22

Diln Fac: 1.000 **Prep:** METHOD

QC1017637 Analyte	Spiked	Result	%REC	Limits	Units
Chromium	4.000	4.059	101	80-120	mg/L
Lead	4.000	4.005	100	80-120	mg/L

Type: BSD **Batch#:** 298516 **Analysis:** EPA 6010B

Lab ID: QC1017638 **Prepared:** 10/10/22 **Analyst:** SBW

Matrix: WET Leachate **Analyzed:** 10/10/22

Diln Fac: 1.000 **Prep:** METHOD

QC1017638 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Chromium	4.000	4.059	101	80-120	mg/L	0	20
Lead	4.000	4.006	100	80-120	mg/L	0	20

Legend

RPD: Relative Percent Difference

MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - PLM ARB 435

1269
Jeremy Wilson
Rosso Environmental, Inc.
P.O. Box 1923
Lafayette, CA 94549

PROJECT:
JOB NO. 22-0013.01

Micro Log In **295699**
Total Samples 25
Date Sampled
Date Received 09/23/2022
Date Analyzed 09/25/2022

SAMPLE INFORMATION	ASBESTOS INFORMATION QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES	DOMINANT OTHER MATERIALS
Client #: **B1-1.5'** Micro #: 295699-01 Analyst: BK SOIL Asb. / Total Pts. 0 / 400 Matrix Removed 0% Sensitivity 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B2-2.0'** Micro #: 295699-02 Analyst: BK SOIL Asb. / Total Pts. 0 / 400 Matrix Removed 0% Sensitivity 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B3-1.5'** Micro #: 295699-03 Analyst: BK SOIL Asb. / Total Pts. 0 / 400 Matrix Removed 0% Sensitivity 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B4-2.0'** Micro #: 295699-04 Analyst: BK SOIL Asb. / Total Pts. 0 / 400 Matrix Removed 0% Sensitivity 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **SV-5-1.0'** Micro #: 295699-05 Analyst: BK SOIL Asb. / Total Pts. 0 / 400 Matrix Removed 0% Sensitivity 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS

Technical Supervisor: _____ 9/26/2022
Baojia Ke, Ph.D. Date Reported

Analyses use Polarized Light Microscopy (PLM), Micro Analytical SOP PLM-101 for building materials. Basic techniques follow EPA – Appendix E to Subpart E of 40 CFR Part 763; Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (originally published 1982), EPA-600/R93-116 (1993), and California ARB 435 (1991) for applicable soil, rock, or aggregate samples. NOTES: Weight % cannot be determined by PLM estimation or point counts. Asbestos fibers with diameter below ~1 µm may not be detected by PLM. The absence of asbestos in dust or debris (including wipe or microvacuum), and in some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). Only dominant non-asbestos materials are indicated. This report must not be interpreted as a conclusive identification of non-asbestos (fibrous or not). Quantities of non-asbestos fibers are estimated, not point counted. Preparation (all samples): grinding, milling; teasing bundles apart; drying, if needed, by hotplate. Acid dissolution, ashing, or other matrix reduction techniques may be applied to some samples; residue asbestos % is corrected for amount of matrix removed. Various sample interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Notes are made if point counting is used; otherwise, asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (<<1%) may not be reliable or reproducible by PLM. Lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos by weight; however, reliable determination of asbestos weight percent at this level cannot be done by PLM, and TEM is recommended. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Composite asbestos percentages on multilayered samples are applicable only to layered wall systems (wallboard, joint compound, and related materials); compositing is based on clients' descriptions of a material as "joint compound". Clients are solely responsible for identification and description of bulk materials listed on field forms. Laboratory sample descriptions may differ from descriptions given by the client. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Samples that were reanalyzed are denoted by two sets of analyst initials. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received. ND = NO ASBESTOS DETECTED.

MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - PLM ARB 435

1269
Jeremy Wilson
Rosso Environmental, Inc.
P.O. Box 1923
Lafayette, CA 94549

PROJECT:
JOB NO. 22-0013.01

Micro Log In **295699**
Total Samples 25
Date Sampled
Date Received 09/23/2022
Date Analyzed 09/25/2022

SAMPLE INFORMATION	ASBESTOS INFORMATION QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES	DOMINANT OTHER MATERIALS
Client #: **B5-0.5'** Micro #: 295699-06 Analyst: BK SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B6-2.0'** Micro #: 295699-07 Analyst: BK SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B7-1.5'** Micro #: 295699-08 Analyst: BK SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **SV7-1.5'** Micro #: 295699-09 Analyst: BK SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	ND	Matrix Type: CARBONATE ROCK FRAGMENTS
Client #: **B8-1.0'** Micro #: 295699-10 Analyst: BK BK SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS

Technical Supervisor: _____ 9/26/2022
Baojia Ke, Ph.D. Date Reported

Analyses use Polarized Light Microscopy (PLM), Micro Analytical SOP PLM-101 for building materials. Basic techniques follow EPA – Appendix E to Subpart E of 40 CFR Part 763; Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (originally published 1982), EPA-600/R93-116 (1993), and California ARB 435 (1991) for applicable soil, rock, or aggregate samples. NOTES: Weight % cannot be determined by PLM estimation or point counts. Asbestos fibers with diameter below ~1 µm may not be detected by PLM. The absence of asbestos in dust or debris (including wipe or microvacuum), and in some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). Only dominant non-asbestos materials are indicated. This report must not be interpreted as a conclusive identification of non-asbestos (fibrous or not). Quantities of non-asbestos fibers are estimated, not point counted. Preparation (all samples): grinding, milling; teasing bundles apart; drying, if needed, by hotplate. Acid dissolution, ashing, or other matrix reduction techniques may be applied to some samples; residue asbestos % is corrected for amount of matrix removed. Various sample interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Notes are made if point counting is used; otherwise, asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (<<1%) may not be reliable or reproducible by PLM. Lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos by weight; however, reliable determination of asbestos weight percent at this level cannot be done by PLM, and TEM is recommended. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Composite asbestos percentages on multilayered samples are applicable only to layered wall systems (wallboard, joint compound, and related materials); compositing is based on clients' descriptions of a material as "joint compound". Clients are solely responsible for identification and description of bulk materials listed on field forms. Laboratory sample descriptions may differ from descriptions given by the client. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Samples that were reanalyzed are denoted by two sets of analyst initials. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received. ND = NO ASBESTOS DETECTED.

MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - PLM ARB 435

1269
Jeremy Wilson
Rosso Environmental, Inc.
P.O. Box 1923
Lafayette, CA 94549

PROJECT:
JOB NO. 22-0013.01

Micro Log In **295699**
Total Samples 25
Date Sampled
Date Received 09/23/2022
Date Analyzed 09/26/2022

SAMPLE INFORMATION	ASBESTOS INFORMATION QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES	DOMINANT OTHER MATERIALS
Client #: **B9-3.5'** Micro #: 295699-11 Analyst: JM SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B10-3.0'** Micro #: 295699-12 Analyst: JM SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B11-1.0'** Micro #: 295699-13 Analyst: JM SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B12-4.0'** Micro #: 295699-14 Analyst: JM SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B13-3.0'** Micro #: 295699-15 Analyst: JM SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	ND	Matrix Type: SOIL ROCK FRAGMENTS

Technical Supervisor: _____ 9/26/2022
Baojia Ke, Ph.D. Date Reported

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BULK ASBESTOS ANALYSIS - PLM ARB 435

1269
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P.O. Box 1923
Lafayette, CA 94549

PROJECT:
JOB NO. 22-0013.01

Micro Log In **295699**
Total Samples 25
Date Sampled
Date Received 09/23/2022
Date Analyzed 09/26/2022

SAMPLE INFORMATION	ASBESTOS INFORMATION QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES	DOMINANT OTHER MATERIALS
Client #: **B14-4.0** Micro #: 295699-16 Analyst: JM SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	**ND**	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B15.-1.5'** Micro #: 295699-17 Analyst: JM SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	**ND**	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B16-1.0** Micro #: 295699-18 Analyst: JM SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	**ND**	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B17-1.0'** Micro #: 295699-19 Analyst: JM SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	**ND**	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B18-1.0'** Micro #: 295699-20 Analyst: JM BK SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	**<0.25% CHRYSOTILE ASBESTOS** **CHRYSOTILE ASBESTOS WAS OBSERVED DURING SCANNING BUT NO POINTS WERE COUNTABLE (ASBESTOS IS BELOW THE DETECTION LIMIT OF THE METHOD).**	Matrix Type: SOIL ROCK FRAGMENTS

Technical Supervisor: _____ 9/26/2022
Baojia Ke, Ph.D. Date Reported

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PROJECT:
JOB NO. 22-0013.01

Micro Log In **295699**
Total Samples 25
Date Sampled
Date Received 09/23/2022
Date Analyzed 09/26/2022

SAMPLE INFORMATION	ASBESTOS INFORMATION QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES	DOMINANT OTHER MATERIALS
Client #: **B19-1.0'** Micro #: 295699-21 Analyst: JM SOIL Asb. / Total Pts. 0 / 400 Matrix Removed 0% Sensitivity 0.250%	**ND**	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B20-1.0'** Micro #: 295699-22 Analyst: JM SOIL Asb. / Total Pts. 0 / 400 Matrix Removed 0% Sensitivity 0.250%	**ND**	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B21-1.5'** Micro #: 295699-23 Analyst: JM SOIL Asb. / Total Pts. 0 / 400 Matrix Removed 0% Sensitivity 0.250%	**ND**	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B22-1.0'** Micro #: 295699-24 Analyst: JM SOIL Asb. / Total Pts. 0 / 400 Matrix Removed 0% Sensitivity 0.250%	**ND**	Matrix Type: SOIL ROCK FRAGMENTS
Client #: **B23-2.5'** Micro #: 295699-25 Analyst: JM SOIL Asb. / Total Pts. 0 / 400 Matrix Removed 0% Sensitivity 0.250%	**ND**	Matrix Type: SOIL ROCK FRAGMENTS

Technical Supervisor: _____ 9/26/2022
Baojia Ke, Ph.D. Date Reported

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Client ID # p 1 of 3

MICRO ANALYTICAL LABORATORIES, INC.

5900 Hollis St., Suite M, Emeryville, CA 94608
(510) 653-0824 - FAX (510) 653-1361 - www.labmicro.com

Log in # 295899

Chain of Custody 09/05/2014

Name / Client / Address:
Rosso Environmental
PO Box 1923
Lafayette, CA 94549

Job No. 22-0013.01

Tel. 415-583-9067

E-mail jwilson@rossoenv.com

Asbestos (TEM) AHERA Yamate II Mod. NIOSH 7402 CARB

Asbestos / Fibers PCM PLM PLM-400 PLM-1200

Asbestos Soil/Rock PLM CARB 435 400 pts. CARB 435 (Mod.) 1200 pts.

Lead Air Paint Soil Wipe Water Bulk (TTLC) STLC TCLP

Mold / Fungi Air (Spore Trap) Tape Lift Bulk Andersen Swab

Coliform Presence / Absence MTF Sample Temperature (°C)

Other Analyses (Specify)

Number of Samples: 25 **Turn-Around Time:** Standard

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Wipe / Swab Sample Area
1	B1-1.5'	Soil	9/20/22	: : 846			
2	B2-2.0'	Soil	9/19/22	: : 927			
3	B3-1.5'	Soil	9/20/22	: : 1211			
4	B4-2.0'	Soil	9/20/22	: : 1121			
5	SV-5-1.0'	Soil	9/20/22	: : 1001			
6	B5-0.5'	Soil	9/19/22	: : 1100			
7	B6-2.0'	Soil	9/19/22	: : 1112			
8	B7-1.5'	Soil	9/19/22	: : 741			
9	SV7-1.5'	Soil	9/21/22	: : 911			
10	B8-1.0'	Soil	9/19/22	: : 753			

Instructions / Comments: ☐ E-mail To: jwilson@rossoenv.com

Sample Return: YES ☐ NO ☒ If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required.
If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Sampler's Signature / Name Jeremy Wilson

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By	Date / Time	Received By	Date / Time
	9-23-22 1310 Drop Box / Courier		9.23.22 1310

Client ID #

p 2 of 3

MICRO ANALYTICAL LABORATORIES, INC.

5900 Hollis St., Suite M, Emeryville, CA 94608

(510) 653-0824 - FAX (510) 653-1361 - www.labmicro.com

Log in # 295699

Chain of Custody 09/05/2014

Name / Client / Address:

Rosso Environmental

PO Box 1923

Lafayette, CA 94549

Tel. 415-583-9067

E-mail jwilson@rossoenv.com

Job No. 22-0013.01

Asbestos (TEM) AHERA Yamate II Mod. NIOSH 7402 CARB

Asbestos / Fibers PCM PLM PLM-400 PLM-1200

Asbestos Soil/Rock PLM CARB 435 400 pts. CARB 435 (Mod.) 1200 pts.

Lead Air Paint Soil Wipe Water Bulk (TTLC) STLC TCLP

Mold / Fungi Air (Spore Trap) Tape Lift Bulk Andersen Swab

Coliform Presence / Absence MTF Sample Temperature (°C)

Other Analyses (Specify)

Number of Samples 25

Turn-Around Time Standard

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Wipe / Swab Sample Area
11	B9-3.5'	Soil	9/19/22	: : 806			
12	B10-3.0'	Soil	9/19/22	: : 815			
13	B11-1.0'	Soil	9/19/22	: : 826			
14	B12-4.0'	Soil	9/19/22	: : 1318			
15	B13-3.0'	Soil	9/19/22	: : 1307			
16	B14-4.0'	Soil	9/19/22	: : 843			
17	B15-1.5'	Soil	9/21/22	: : 831			
18	B16-1.0'	Soil	9/21/22	: : 903			
19	B17-1.0'	Soil	9/21/22	: : 1211			
20	B18-1.0'	Soil	9/20/22	: : 1411			

Instructions / Comments: ☐ E-mail To: jwilson@rossoenv.com

Sample Return: YES ☐ NO ☒ If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required.
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Sampler's Signature / Name Jeremy Wilson

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By	Date / Time	Drop Box / Courier	Received By	Date / Time
	9-23-22 1310		9.23.22	13:10
Relinquished By	Date / Time		Received By	Date / Time

Client ID #

p 3 of 3

MICRO ANALYTICAL LABORATORIES, INC.

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Log in # 295899

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Name / Client / Address:

Rosso Environmental

PO Box 1923

Lafayette, CA 94549

Job No. 22-0013.01

Tel. 415-583-9067

E-mail jwilson@rossoenv.com

Asbestos (TEM) AHERA Yamate II Mod. NIOSH 7402 CARB

Asbestos / Fibers PCM PLM PLM-400 PLM-1200

Asbestos Soil/Rock PLM CARB 435 400 pts. CARB 435 (Mod.) 1200 pts.

Lead Air Paint Soil Wipe

Water Bulk (TTLC) STLC TCLP

Mold / Fungi Air (Spore Trap) Tape Lift Bulk Andersen Swab

Coliform Presence / Absence MTF Sample Temperature (°C)

Other Analyses (Specify)

Number of Samples 25 **Turn-Around Time** Standard

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Wipe / Swab Sample Area
21	B19-1.0'	Soil	9/21/22	: : 825			
22	B20-1.0'	Soil	9/19/22	: : 1231			
23	B21-1.5'	Soil	9/19/22	: : 1221			
24	B22-1.0'	Soil	9/19/22	: : 1241			
25	B23-2.5'	Soil	9/19/22	: : 1257			
				: :			
				: :			
				: :			
				: :			
				: :			

Instructions / Comments: ☐ E-mail To: jwilson@rossoenv.com

Sample Return: YES ☐ NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required.
If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Sampler's Signature / Name Jeremy Wilson Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By 9-23-22 1310 Date / Time Drop Box / Courier Received By 9.23.22 17:10 Date / Time

Relinquished By Date / Time Received By Date / Time

Jeremy Wilson, C.S.S.T., R.E.P.A.
Rosso Environmental, Inc.
P.O. BOX 1923
Lafayette, California 94549
Tel: 510-647-8298 (direct)415-583-9067 (mobile
Email: jwilson@rossoenv.com

RE: Palo Alto

Work Order No.: 2209143 Rev: 1

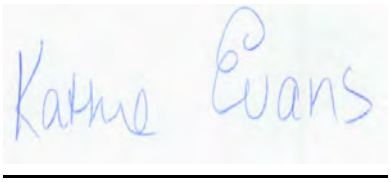
Dear Jeremy Wilson:

Torrent Laboratory, Inc. received 12 sample(s) on September 20, 2022 for the analyses presented in the following Report.

Samples were composited 4:1 (into three composites) for analysis.

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

September 27, 2022
Date

Date: 9/27/2022

Client: Rosso Environmental, Inc.

Project: Palo Alto

Work Order: 2209143

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.

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Data is reported on a dry weight basis.

Analytical comments for method 6020, QC Preparation Batch ID 1145143, Note: Although Chromium was found in the Method Blank, all associated samples had concentrations of Chromium at greater than 10x that found in the blank. No corrective action is required.
2209143-005A MS/MSD, Note:The % recoveries for Copper, Silver, Vanadium and Zinc are outside of laboratory control limits (high bias) but RPD is within limits. A Post Digestion Spike was analyzed and was also outside of acceptance criteria indicating likely matrix interference. The associated LCS/LCSD is within both % Recovery and RPD limits. No further corrective action required.
Barium, Chromium and Nickel are not recoverable (NR). The sample concentration is greater than 4X the spike concentration. No corrective action is required.

Analytical Comments for method SW 8270 SIM, 2209143-005A MS/MSD, QC Preparation Batch ID 1145083, Note:The % recoveries for Phenol are outside of laboratory control limits (high bias) but RPD is within limits. The associated sample is ND at the MDL. 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: 10/1/22 at 10:45 AM to 10/3/22 at 9:00 AM
TCLP
Note: Extraction of 100 g sample/2000 g TCLP Fluid #1 was performed according to Toxicity Characteristic Leaching Procedure (SW-846 1311TCLP) which was rotated in a rotary shaker@ 32 RPM for 18 hours (+/- 2 hours).

Date Prepared: 10/5/22 at 5:45 PM to 10/6/22 at 10:00 AM

Rev. 1 (10/7/22)

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date Received: 09/20/22
Date Reported: 09/27/22

COMPOSITE A 2209143-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Naphthalene	8270SIM	1	0.615	4.75	2.18	ug/Kg
2-Methylnaphthalene	8270SIM	1	0.269	4.75	0.702	ug/Kg
1-Methylnaphthalene	8270SIM	1	0.221	4.75	0.482	ug/Kg
Phenanthrene	8270SIM	1	0.711	4.75	3.76	ug/Kg
2-Methylphenanthrene	8270SIM	1	0.864	4.75	1.17	ug/Kg
Fluoranthene	8270SIM	1	0.638	4.75	0.731	ug/Kg
Pyrene	8270SIM	1	0.658	4.75	0.825	ug/Kg
Benz[a]anthracene	8270SIM	1	0.555	4.75	1.18	ug/Kg
Chrysene	8270SIM	1	0.590	4.75	1.20	ug/Kg
Benzo[b]fluoranthene	8270SIM	1	0.292	4.75	1.42	ug/Kg
Benzo[k]fluoranthene	8270SIM	1	0.270	4.75	0.339	ug/Kg
Benzo[a]pyrene	8270SIM	1	0.341	4.75	0.354	ug/Kg
Indeno[1,2,3-cd]pyrene	8270SIM	1	0.264	4.75	0.339	ug/Kg
Benzo[g,h,i]perylene	8270SIM	1	0.322	4.75	0.463	ug/Kg
Benzo[e]pyrene	8270SIM	1	0.605	4.75	0.732	ug/Kg
Biphenyl	8270SIM	1	0.432	4.75	1.90	ug/Kg
Moisture, Percent	D2216	1	0.050	0.050	20.4	%
Dry Weight Factor	D2216	1	1	1	1.20	%
Chromium (STLC)	SW6010B	1	0.010	0.20	0.297	mg/L
Arsenic	SW6020A	1	0.25	1.2	2.50	mg/Kg
Barium	SW6020A	1	1.0	1.2	162	mg/Kg
Beryllium	SW6020A	1	0.19	1.2	0.562	mg/Kg
Cadmium	SW6020A	1	0.10	1.2	0.281	mg/Kg
Chromium	SW6020A	1	0.12	1.2	129	mg/Kg
Cobalt	SW6020A	1	0.25	1.2	17.1	mg/Kg
Copper	SW6020A	1	0.20	3.0	42.6	mg/Kg
Lead	SW6020A	1	0.064	1.2	4.57	mg/Kg
Molybdenum	SW6020A	1	0.16	1.2	0.429	mg/Kg
Nickel	SW6020A	1	1.5	6.0	137	mg/Kg
Selenium	SW6020A	1	0.041	3.0	1.24	mg/Kg
Vanadium	SW6020A	1	0.34	30	79.3	mg/Kg
Zinc	SW6020A	1	0.84	3.0	59.0	mg/Kg
TPH as Diesel	SW8015B	1	1.0	2.4	3.54	mg/Kg
2-Nitrophenol	SW8270CSIM	1	0.52	4.32	3.77	ug/Kg
Benzyl butyl phthalate	SW8270CSIM	1	0.52	8.64	1.67	ug/Kg
Bis(2-Ethylhexyl)phthalate	SW8270CSIM	1	26	69.1	32.4	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date Received: 09/20/22
Date Reported: 09/27/22

COMPOSITE B 2209143-010

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Naphthalene	8270SIM	1	0.615	4.75	1.24	ug/Kg
Fluorene	8270SIM	1	0.323	4.75	0.334	ug/Kg
Benz[a]anthracene	8270SIM	1	0.555	4.75	0.899	ug/Kg
Biphenyl	8270SIM	1	0.432	4.75	0.668	ug/Kg
Moisture, Percent	D2216	1	0.050	0.050	20.4	%
Dry Weight Factor	D2216	1	1	1	1.20	%
Arsenic	SW6020A	1	0.25	1.2	3.13	mg/Kg
Barium	SW6020A	1	1.0	1.2	201	mg/Kg
Beryllium	SW6020A	1	0.19	1.2	0.416	mg/Kg
Cadmium	SW6020A	1	0.10	1.2	0.502	mg/Kg
Chromium	SW6020A	1	0.12	1.2	37.0	mg/Kg
Cobalt	SW6020A	1	0.25	1.2	6.98	mg/Kg
Copper	SW6020A	1	0.20	3.0	18.9	mg/Kg
Lead	SW6020A	1	0.064	1.2	4.71	mg/Kg
Molybdenum	SW6020A	1	0.16	1.2	0.814	mg/Kg
Nickel	SW6020A	1	1.5	6.0	38.9	mg/Kg
Selenium	SW6020A	1	0.041	3.0	0.991	mg/Kg
Vanadium	SW6020A	1	0.34	30	33.6	mg/Kg
Zinc	SW6020A	1	0.84	3.0	44.5	mg/Kg
Phenol	SW8270CSIM	1	0.95	4.32	7.07	ug/Kg
Benzyl butyl phthalate	SW8270CSIM	1	0.52	8.64	1.95	ug/Kg
Bis(2-Ethylhexyl)phthalate	SW8270CSIM	1	26	69.1	32.3	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date Received: 09/20/22
Date Reported: 09/27/22

COMPOSITE C 2209143-015

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
2-Methylnaphthalene	8270SIM	1	0.280	4.95	0.302	ug/Kg
1-Methylnaphthalene	8270SIM	1	0.231	4.95	0.339	ug/Kg
Phenanthrene	8270SIM	1	0.741	4.95	0.766	ug/Kg
Benz[a]anthracene	8270SIM	1	0.578	4.95	0.996	ug/Kg
Benzo[b]fluoranthene	8270SIM	1	0.305	4.95	0.374	ug/Kg
Benzo[g,h,i]perylene	8270SIM	1	0.336	4.95	0.574	ug/Kg
Biphenyl	8270SIM	1	0.450	4.95	0.931	ug/Kg
Moisture, Percent	D2216	1	0.050	0.050	25.0	%
Dry Weight Factor	D2216	1	1	1	1.25	%
Antimony	SW6020A	1	0.15	1.3	0.163	mg/Kg
Arsenic	SW6020A	1	0.26	1.3	8.18	mg/Kg
Barium	SW6020A	1	1.0	1.3	202	mg/Kg
Beryllium	SW6020A	1	0.20	1.3	0.566	mg/Kg
Cadmium	SW6020A	1	0.10	1.3	0.973	mg/Kg
Chromium	SW6020A	1	0.12	1.3	37.1	mg/Kg
Cobalt	SW6020A	1	0.26	1.3	12.2	mg/Kg
Copper	SW6020A	1	0.21	3.1	26.6	mg/Kg
Lead	SW6020A	1	0.067	1.3	7.53	mg/Kg
Molybdenum	SW6020A	1	0.16	1.3	1.89	mg/Kg
Nickel	SW6020A	1	1.6	6.3	53.6	mg/Kg
Selenium	SW6020A	1	0.043	3.1	1.74	mg/Kg
Vanadium	SW6020A	1	0.35	31	45.9	mg/Kg
Zinc	SW6020A	1	0.88	3.1	66.9	mg/Kg
TPH as Diesel	SW8015B	1	1.1	2.5	5.40	mg/Kg
Phenol	SW8270CSIM	1	0.99	4.50	19.5	ug/Kg
Bis(2-Ethylhexyl)phthalate	SW8270CSIM	1	27	72.0	28.0	ug/Kg

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	9/22/22 4:00:00PM
Prep Batch ID:	1145154	**Prep Analyst:**	NMISTR

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	0.60	ND		mg/Kg	09/23/22	13:34	BJAY	469381

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	6020S-P	**Prep Batch Date/Time:**	9/22/22 3:15:00PM
Prep Batch ID:	1145143	**Prep Analyst:**	ERAGUDO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6020A	1	0.14	1.2	ND		mg/Kg	09/23/22	15:27	ERR	469452
Arsenic	SW6020A	1	0.25	1.2	**2.50**		mg/Kg	09/23/22	15:27	ERR	469452
Barium	SW6020A	1	1.0	1.2	**162**		mg/Kg	09/23/22	15:27	ERR	469452
Beryllium	SW6020A	1	0.19	1.2	**0.562**	J	mg/Kg	09/23/22	15:27	ERR	469452
Cadmium	SW6020A	1	0.10	1.2	**0.281**	J	mg/Kg	09/23/22	15:27	ERR	469452
Chromium	SW6020A	1	0.12	1.2	**129**		mg/Kg	09/23/22	15:27	ERR	469452
Cobalt	SW6020A	1	0.25	1.2	**17.1**		mg/Kg	09/23/22	15:27	ERR	469452
Copper	SW6020A	1	0.20	3.0	**42.6**		mg/Kg	09/23/22	15:27	ERR	469452
Lead	SW6020A	1	0.064	1.2	**4.57**		mg/Kg	09/23/22	15:27	ERR	469452
Molybdenum	SW6020A	1	0.16	1.2	**0.429**	J	mg/Kg	09/23/22	15:27	ERR	469452
Nickel	SW6020A	1	1.5	6.0	**137**		mg/Kg	09/23/22	15:27	ERR	469452
Selenium	SW6020A	1	0.041	3.0	**1.24**	J	mg/Kg	09/23/22	15:27	ERR	469452
Silver	SW6020A	1	0.12	1.2	ND		mg/Kg	09/23/22	15:27	ERR	469452
Thallium	SW6020A	1	0.41	6.0	ND		mg/Kg	09/23/22	15:27	ERR	469452
Vanadium	SW6020A	1	0.34	30	**79.3**		mg/Kg	09/23/22	15:27	ERR	469452
Zinc	SW6020A	1	0.84	3.0	**59.0**		mg/Kg	09/23/22	15:27	ERR	469452

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	WET/3010B	**Prep Batch Date/Time:**	10/3/22 5:45:00PM
Prep Batch ID:	1145494	**Prep Analyst:**	ATRUONG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	**0.297**		mg/L	10/04/22	12:31	AT	469650

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	1311/3010A	**Prep Batch Date/Time:**	10/6/22 6:00:00PM
Prep Batch ID:	1145619	**Prep Analyst:**	ATRUONG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (TCLP)	SW6010B	1	0.010	0.20	ND		mg/L	10/07/22	12:45	AT	469785

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_PAHSIM	**Prep Batch Date/Time:**	9/22/22 9:50:00AM
Prep Batch ID:	1145113	**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.											
Naphthalene	8270SIM	1	0.615	4.75	**2.18**	J	ug/Kg	09/23/22	1:01	MT	469373
2-Methylnaphthalene	8270SIM	1	0.269	4.75	**0.702**	J	ug/Kg	09/23/22	1:01	MT	469373
1-Methylnaphthalene	8270SIM	1	0.221	4.75	**0.482**	J	ug/Kg	09/23/22	1:01	MT	469373
2,3,5-Trimethylnaphthalene	8270SIM	1	0.432	4.75	ND		ug/Kg	09/23/22	1:01	MT	469373
2,6-Dimethylnaphthalene	8270SIM	1	0.432	4.75	ND		ug/Kg	09/23/22	1:01	MT	469373
Acenaphthylene	8270SIM	1	0.223	4.75	ND		ug/Kg	09/23/22	1:01	MT	469373
Acenaphthene	8270SIM	1	0.194	4.75	ND		ug/Kg	09/23/22	1:01	MT	469373
Fluorene	8270SIM	1	0.323	4.75	ND		ug/Kg	09/23/22	1:01	MT	469373
Phenanthrene	8270SIM	1	0.711	4.75	**3.76**	J	ug/Kg	09/23/22	1:01	MT	469373
1-Methylphenanthrene	8270SIM	1	0.864	4.75	ND		ug/Kg	09/23/22	1:01	MT	469373
2-Methylphenanthrene	8270SIM	1	0.864	4.75	**1.17**	J	ug/Kg	09/23/22	1:01	MT	469373
Anthracene	8270SIM	1	0.637	4.75	ND		ug/Kg	09/23/22	1:01	MT	469373
Fluoranthene	8270SIM	1	0.638	4.75	**0.731**	J	ug/Kg	09/23/22	1:01	MT	469373
Pyrene	8270SIM	1	0.658	4.75	**0.825**	J	ug/Kg	09/23/22	1:01	MT	469373
Benz[a]anthracene	8270SIM	1	0.555	4.75	**1.18**	J	ug/Kg	09/23/22	1:01	MT	469373
Chrysene	8270SIM	1	0.590	4.75	**1.20**	J	ug/Kg	09/23/22	1:01	MT	469373
Benzo[b]fluoranthene	8270SIM	1	0.292	4.75	**1.42**	J	ug/Kg	09/23/22	1:01	MT	469373
Benzo[k]fluoranthene	8270SIM	1	0.270	4.75	**0.339**	J	ug/Kg	09/23/22	1:01	MT	469373
Benzo[a]pyrene	8270SIM	1	0.341	4.75	**0.354**	J	ug/Kg	09/23/22	1:01	MT	469373
Indeno[1,2,3-cd]pyrene	8270SIM	1	0.264	4.75	**0.339**	J	ug/Kg	09/23/22	1:01	MT	469373
Dibenz[a,h]anthracene	8270SIM	1	0.330	4.75	ND		ug/Kg	09/23/22	1:01	MT	469373
Benzo[g,h,i]perylene	8270SIM	1	0.322	4.75	**0.463**	J	ug/Kg	09/23/22	1:01	MT	469373
Benzo[e]pyrene	8270SIM	1	0.605	4.75	**0.732**	J	ug/Kg	09/23/22	1:01	MT	469373
Pyridine	8270SIM	1	1.30	4.75	ND		ug/Kg	09/23/22	1:01	MT	469373
Biphenyl	8270SIM	1	0.432	4.75	**1.90**	J	ug/Kg	09/23/22	1:01	MT	469373
Perylene	8270SIM	1	0.432	4.75	ND		ug/Kg	09/23/22	1:01	MT	469373
Hexachlorobenzene	8270SIM	1	0.432	4.75	ND		ug/Kg	09/23/22	1:01	MT	469373
			Acceptance Limits								
2-Fluorobiphenyl (S)	8270SIM		45 - 105		**56.4**		%	09/23/22	1:01	MT	469373
p-Terphenyl-d14 (S)	8270SIM		30 - 125		**54.0**		%	09/23/22	1:01	MT	469373

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	9/22/22 2:06:00PM
Prep Batch ID:	1145135	**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	8.40	24.0	ND		ug/Kg	09/22/22	13:07	MK	469344
Aroclor1221	SW8082A	1	1.20	24.0	ND		ug/Kg	09/22/22	13:07	MK	469344
Aroclor1232	SW8082A	1	4.08	24.0	ND		ug/Kg	09/22/22	13:07	MK	469344
Aroclor1242	SW8082A	1	0.720	24.0	ND		ug/Kg	09/22/22	13:07	MK	469344
Aroclor1248	SW8082A	1	0.480	24.0	ND		ug/Kg	09/22/22	13:07	MK	469344
Aroclor1254	SW8082A	1	3.36	24.0	ND		ug/Kg	09/22/22	13:07	MK	469344
Aroclor1260	SW8082A	1	5.76	24.0	ND		ug/Kg	09/22/22	13:07	MK	469344
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**59.0**		%	09/22/22	13:07	MK	469344
DCBP (S)	SW8082A		48 - 135		**55.0**		%	09/22/22	13:07	MK	469344

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	9/21/22 9:25:00AM
Prep Batch ID:	1145075	**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	09/22/22	18:35	LA	469363
gamma-BHC (Lindane)	SW8081B	1	0.19	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
beta-BHC	SW8081B	1	0.38	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
delta-BHC	SW8081B	1	0.19	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Heptachlor	SW8081B	1	0.13	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Aldrin	SW8081B	1	0.23	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Heptachlor Epoxide	SW8081B	1	0.094	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
gamma-Chlordane	SW8081B	1	0.20	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
alpha-Chlordane	SW8081B	1	0.21	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
4,4'-DDE	SW8081B	1	0.23	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Endosulfan I	SW8081B	1	0.22	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Dieldrin	SW8081B	1	0.18	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Endrin	SW8081B	1	0.23	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
4,4'-DDD	SW8081B	1	0.68	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Endosulfan II	SW8081B	1	0.69	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
4,4'-DDT	SW8081B	1	0.15	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Endrin Aldehyde	SW8081B	1	0.18	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Methoxychlor	SW8081B	1	0.24	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Endosulfan Sulfate	SW8081B	1	0.14	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Endrin Ketone	SW8081B	1	0.11	2.4	ND		ug/Kg	09/22/22	18:35	LA	469363
Chlordane, Technical	SW8081B	1	2.5	24	ND		ug/Kg	09/22/22	18:35	LA	469363
Toxaphene	SW8081B	1	10	60	ND		ug/Kg	09/22/22	18:35	LA	469363
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**65.2**		%	09/22/22	18:35	LA	469363
Decachlorobiphenyl (S)	SW8081B		38 - 135		**63.7**		%	09/22/22	18:35	LA	469363

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	9/21/22 5:25:00PM
Prep Batch ID:	1145115	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**20.4**		%	09/22/22	12:00	NK	469327
Dry Weight Factor	D2216	1	1	1	**1.20**		-	09/22/22	12:00	NK	469327

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	9/21/22 11:14:00PM
Prep Batch ID:	1145083	**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	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Phenol	SW8270CSIM	1	0.95	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Bis(2-chloroethyl) ether	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2-Chlorophenol	SW8270CSIM	1	0.54	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
1,3-Dichlorobenzene	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
1,4-Dichlorobenzene	SW8270CSIM	1	0.53	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
1,2-Dichlorobenzene	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2-Methylphenol (o-Cresol)	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Bis(2-chloroisopropyl)ether	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
3-/4-Methylphenol (p-/m-Cresol)	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
NMP	SW8270CSIM	1	0.60	17.3	ND		ug/Kg	09/22/22	19:44	MT	469326
Hexachloroethane	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Nitrobenzene	SW8270CSIM	1	0.26	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2-Nitrophenol	SW8270CSIM	1	0.52	4.32	**3.77**	J	ug/Kg	09/22/22	19:44	MT	469326
2,4-Dimethylphenol	SW8270CSIM	1	0.66	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Bis(2-Chloroethoxy)methane	SW8270CSIM	1	0.86	8.64	ND		ug/Kg	09/22/22	19:44	MT	469326
2,4-Dichlorophenol	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
1,2,4-Trichlorobenzene	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Isophorone	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2,6-Dichlorophenol	SW8270CSIM	1	0.84	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Hexachloro-1,3-butadiene	SW8270CSIM	1	0.78	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
4-Chloro-3-methylphenol	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2,4,6-Trichlorophenol	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2,4,5-Trichlorophenol	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2-Chloronaphthalene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
1,4-Dinitrobenzene	SW8270CSIM	1	0.48	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Dimethyl phthalate	SW8270CSIM	1	0.86	8.64	ND		ug/Kg	09/22/22	19:44	MT	469326
1,3-Dinitrobenzene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2,6-Dinitrotoluene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
1,2-Dinitrobenzene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Dibenzofuran	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2,4-Dinitrotoluene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2,3,5,6-Tetrachlorophenol	SW8270CSIM	1	0.69	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2,3,4,6-Tetrachlorophenol	SW8270CSIM	1	0.69	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Diethylphthalate	SW8270CSIM	1	5.2	20.7	ND		ug/Kg	09/22/22	19:44	MT	469326
4-Chlorophenyl phenyl ether	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
4-Bromophenyl phenyl ether	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Pentachlorophenol	SW8270CSIM	1	0.86	8.64	ND		ug/Kg	09/22/22	19:44	MT	469326

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	9/21/22 11:14:00PM
Prep Batch ID:	1145083	**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.											
Carbazole	SW8270CSIM	1	0.69	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Di-n-butylphthalate	SW8270CSIM	1	4.1	20.7	ND		ug/Kg	09/22/22	19:44	MT	469326
Benzyl butyl phthalate	SW8270CSIM	1	0.52	8.64	**1.67**	J	ug/Kg	09/22/22	19:44	MT	469326
Bis(2-Ethylhexyl)phthalate	SW8270CSIM	1	26	69.1	**32.4**	J	ug/Kg	09/22/22	19:44	MT	469326
Di-n-octyl phthalate	SW8270CSIM	1	0.43	8.64	ND		ug/Kg	09/22/22	19:44	MT	469326
Pyridine	SW8270CSIM	1	0.78	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
3,3-Dichlorobenzidine	SW8270CSIM	1	1.4	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Benzyl Alcohol	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
4-Nitrophenol	SW8270CSIM	1	0.26	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Hexachlorocyclopentadiene	SW8270CSIM	1	0.95	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
2,4-Dinitrophenol	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
4,6-Dinitro-2-methylphenol	SW8270CSIM	1	0.95	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Diphenylamine	SW8270CSIM	1	0.86	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
Azobenzene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	19:44	MT	469326
			Acceptance Limits								
2-Fluorophenol (S)	SW8270CSIM		25 - 125		**71.8**		%	09/22/22	19:44	MT	469326
Phenol-d6 (S)	SW8270CSIM		25 - 125		**72.7**		%	09/22/22	19:44	MT	469326
Nitrobenzene-d5 (S)	SW8270CSIM		35 - 125		**77.5**		%	09/22/22	19:44	MT	469326
2-Fluorobiphenyl (S)	SW8270CSIM		35 - 125		**77.6**		%	09/22/22	19:44	MT	469326
2,4,6-Tribromophenol (S)	SW8270CSIM		25 - 125		**75.3**		%	09/22/22	19:44	MT	469326
p-Terphenyl-d14 (S)	SW8270CSIM		35 - 125		**88.2**		%	09/22/22	19:44	MT	469326

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	9/22/22 9:56:00AM
Prep Batch ID:	1145114	**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	**3.54**	x	mg/Kg	09/22/22	22:09	SN	469393
TPH as Motor Oil	SW8015B	1	3.8	12	ND		mg/Kg	09/22/22	22:09	SN	469393
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**57.6**		%	09/22/22	22:09	SN	469393

NOTE: x- Diesel result due to unknown organics within diesel quantified range.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	9/21/22 10:28:00AM
Prep Batch ID:	1145139	**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	09/21/22	14:41	JZ	469346
Chloromethane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Vinyl Chloride	SW8260B	1	2.5	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Bromomethane	SW8260B	1	3.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Chloroethane	SW8260B	1	3.6	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Trichlorofluoromethane	SW8260B	1	2.5	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,1-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Freon 113	SW8260B	1	2.3	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Methylene Chloride	SW8260B	1	8.5	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
trans-1,2-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
MTBE	SW8260B	1	2.8	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
TBA	SW8260B	1	14	60	ND		ug/Kg	09/21/22	14:41	JZ	469346
Diisopropyl ether	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,1-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Ethyl tert-Butyl ether	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
cis-1,2-Dichloroethene	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
2,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Bromochloromethane	SW8260B	1	2.8	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Chloroform	SW8260B	1	2.8	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Carbon Tetrachloride	SW8260B	1	2.5	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,1,1-Trichloroethane	SW8260B	1	2.5	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,1-Dichloropropene	SW8260B	1	2.4	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Benzene	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
TAME	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,2-Dichloroethane	SW8260B	1	2.8	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Trichloroethene	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Dibromomethane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Bromodichloromethane	SW8260B	1	2.4	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
cis-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Toluene	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Tetrachloroethene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
trans-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,1,2-Trichloroethane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,3-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,2-Dibromoethane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Chlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	9/21/22 10:28:00AM
Prep Batch ID:	1145139	**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.											
Ethylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,1,1,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
m,p-Xylene	SW8260B	1	3.8	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
o-Xylene	SW8260B	1	2.1	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Styrene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Bromoform	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
n-Propylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Bromobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,1,2,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
2-Chlorotoluene	SW8260B	1	2.1	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,3,5-Trimethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,2,3-Trichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
4-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
sec-Butyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
p-Isopropyltoluene	SW8260B	1	1.8	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,3-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,4-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,2,4-Trichlorobenzene	SW8260B	1	1.8	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
Naphthalene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,2,3-Trichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	14:41	JZ	469346
2-Butanone	SW8260B	1	2.7	12.0	ND		ug/Kg	09/21/22	14:41	JZ	469346
Hexachloroethane	SW8260B	1	6.0	12.0	ND		ug/Kg	09/21/22	14:41	JZ	469346
1,4-Dioxane	SW8260B	1	120	12.0	ND		ug/Kg	09/21/22	14:41	JZ	469346
2-Hexanone	SW8260B	1	6.0	24.0	ND		ug/Kg	09/21/22	14:41	JZ	469346
Acetone	SW8260B	1	9.8	24.0	ND		ug/Kg	09/21/22	14:41	JZ	469346
MIBK	SW8260B	1	6.0	60.0	ND		ug/Kg	09/21/22	14:41	JZ	469346
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**103**		%	09/21/22	14:41	JZ	469346
(S) Toluene-d8	SW8260B		55.2 - 133		**105**		%	09/21/22	14:41	JZ	469346
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**111**		%	09/21/22	14:41	JZ	469346

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE A	**Lab Sample ID:**	2209143-005A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	9/21/22 10:28:00AM
Prep Batch ID:	1145140	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	52	120	ND		ug/Kg	09/21/22	14:41	JZ	469346
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**111**		%	09/21/22	14:41	JZ	469346

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	9/22/22 4:00:00PM
Prep Batch ID:	1145154	**Prep Analyst:**	NMISTR

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	0.60	ND		mg/Kg	09/23/22	13:41	BJAY	469381

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	6020S-P	**Prep Batch Date/Time:**	9/22/22 3:15:00PM
Prep Batch ID:	1145143	**Prep Analyst:**	ERAGUDO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6020A	1	0.14	1.2	ND		mg/Kg	09/23/22	15:42	ERR	469452
Arsenic	SW6020A	1	0.25	1.2	**3.13**		mg/Kg	09/23/22	15:42	ERR	469452
Barium	SW6020A	1	1.0	1.2	**201**		mg/Kg	09/23/22	15:42	ERR	469452
Beryllium	SW6020A	1	0.19	1.2	**0.416**	J	mg/Kg	09/23/22	15:42	ERR	469452
Cadmium	SW6020A	1	0.10	1.2	**0.502**	J	mg/Kg	09/23/22	15:42	ERR	469452
Chromium	SW6020A	1	0.12	1.2	**37.0**		mg/Kg	09/23/22	15:42	ERR	469452
Cobalt	SW6020A	1	0.25	1.2	**6.98**		mg/Kg	09/23/22	15:42	ERR	469452
Copper	SW6020A	1	0.20	3.0	**18.9**		mg/Kg	09/23/22	15:42	ERR	469452
Lead	SW6020A	1	0.064	1.2	**4.71**		mg/Kg	09/23/22	15:42	ERR	469452
Molybdenum	SW6020A	1	0.16	1.2	**0.814**	J	mg/Kg	09/23/22	15:42	ERR	469452
Nickel	SW6020A	1	1.5	6.0	**38.9**		mg/Kg	09/23/22	15:42	ERR	469452
Selenium	SW6020A	1	0.041	3.0	**0.991**	J	mg/Kg	09/23/22	15:42	ERR	469452
Silver	SW6020A	1	0.12	1.2	ND		mg/Kg	09/23/22	15:42	ERR	469452
Thallium	SW6020A	1	0.41	6.0	ND		mg/Kg	09/23/22	15:42	ERR	469452
Vanadium	SW6020A	1	0.34	30	**33.6**		mg/Kg	09/23/22	15:42	ERR	469452
Zinc	SW6020A	1	0.84	3.0	**44.5**		mg/Kg	09/23/22	15:42	ERR	469452

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_PAHSIM	**Prep Batch Date/Time:**	9/22/22 9:50:00AM
Prep Batch ID:	1145113	**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.											
Naphthalene	8270SIM	1	0.615	4.75	**1.24**	J	ug/Kg	09/23/22	1:31	MT	469373
2-Methylnaphthalene	8270SIM	1	0.269	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
1-Methylnaphthalene	8270SIM	1	0.221	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
2,3,5-Trimethylnaphthalene	8270SIM	1	0.432	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
2,6-Dimethylnaphthalene	8270SIM	1	0.432	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Acenaphthylene	8270SIM	1	0.223	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Acenaphthene	8270SIM	1	0.194	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Fluorene	8270SIM	1	0.323	4.75	**0.334**	J	ug/Kg	09/23/22	1:31	MT	469373
Phenanthrene	8270SIM	1	0.711	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
1-Methylphenanthrene	8270SIM	1	0.864	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
2-Methylphenanthrene	8270SIM	1	0.864	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Anthracene	8270SIM	1	0.637	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Fluoranthene	8270SIM	1	0.638	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Pyrene	8270SIM	1	0.658	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Benz[a]anthracene	8270SIM	1	0.555	4.75	**0.899**	J	ug/Kg	09/23/22	1:31	MT	469373
Chrysene	8270SIM	1	0.590	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Benzo[b]fluoranthene	8270SIM	1	0.292	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Benzo[k]fluoranthene	8270SIM	1	0.270	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Benzo[a]pyrene	8270SIM	1	0.341	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Indeno[1,2,3-cd]pyrene	8270SIM	1	0.264	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Dibenz[a,h]anthracene	8270SIM	1	0.330	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Benzo[g,h,i]perylene	8270SIM	1	0.322	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Benzo[e]pyrene	8270SIM	1	0.605	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Pyridine	8270SIM	1	1.30	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Biphenyl	8270SIM	1	0.432	4.75	**0.668**	J	ug/Kg	09/23/22	1:31	MT	469373
Perylene	8270SIM	1	0.432	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
Hexachlorobenzene	8270SIM	1	0.432	4.75	ND		ug/Kg	09/23/22	1:31	MT	469373
			Acceptance Limits								
2-Fluorobiphenyl (S)	8270SIM		45 - 105		**63.7**		%	09/23/22	1:31	MT	469373
p-Terphenyl-d14 (S)	8270SIM		30 - 125		**69.0**		%	09/23/22	1:31	MT	469373

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	9/22/22 2:06:00PM
Prep Batch ID:	1145135	**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	8.40	24.0	ND		ug/Kg	09/22/22	13:23	MK	469344
Aroclor1221	SW8082A	1	1.20	24.0	ND		ug/Kg	09/22/22	13:23	MK	469344
Aroclor1232	SW8082A	1	4.08	24.0	ND		ug/Kg	09/22/22	13:23	MK	469344
Aroclor1242	SW8082A	1	0.720	24.0	ND		ug/Kg	09/22/22	13:23	MK	469344
Aroclor1248	SW8082A	1	0.480	24.0	ND		ug/Kg	09/22/22	13:23	MK	469344
Aroclor1254	SW8082A	1	3.36	24.0	ND		ug/Kg	09/22/22	13:23	MK	469344
Aroclor1260	SW8082A	1	5.76	24.0	ND		ug/Kg	09/22/22	13:23	MK	469344
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**55.0**		%	09/22/22	13:23	MK	469344
DCBP (S)	SW8082A		48 - 135		**50.0**		%	09/22/22	13:23	MK	469344

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	9/21/22 9:25:00AM
Prep Batch ID:	1145075	**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	09/22/22	18:50	LA	469363
gamma-BHC (Lindane)	SW8081B	1	0.19	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
beta-BHC	SW8081B	1	0.38	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
delta-BHC	SW8081B	1	0.19	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Heptachlor	SW8081B	1	0.13	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Aldrin	SW8081B	1	0.23	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Heptachlor Epoxide	SW8081B	1	0.094	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
gamma-Chlordane	SW8081B	1	0.20	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
alpha-Chlordane	SW8081B	1	0.21	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
4,4'-DDE	SW8081B	1	0.23	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Endosulfan I	SW8081B	1	0.22	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Dieldrin	SW8081B	1	0.18	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Endrin	SW8081B	1	0.23	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
4,4'-DDD	SW8081B	1	0.68	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Endosulfan II	SW8081B	1	0.69	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
4,4'-DDT	SW8081B	1	0.15	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Endrin Aldehyde	SW8081B	1	0.18	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Methoxychlor	SW8081B	1	0.24	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Endosulfan Sulfate	SW8081B	1	0.14	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Endrin Ketone	SW8081B	1	0.11	2.4	ND		ug/Kg	09/22/22	18:50	LA	469363
Chlordane, Technical	SW8081B	1	2.5	24	ND		ug/Kg	09/22/22	18:50	LA	469363
Toxaphene	SW8081B	1	10	60	ND		ug/Kg	09/22/22	18:50	LA	469363
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**58.5**		%	09/22/22	18:50	LA	469363
Decachlorobiphenyl (S)	SW8081B		38 - 135		**55.3**		%	09/22/22	18:50	LA	469363

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	9/21/22 5:25:00PM
Prep Batch ID:	1145115	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**20.4**		%	09/22/22	12:00	NK	469327
Dry Weight Factor	D2216	1	1	1	**1.20**		-	09/22/22	12:00	NK	469327

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	9/21/22 11:14:00PM
Prep Batch ID:	1145083	**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	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Phenol	SW8270CSIM	1	0.95	4.32	**7.07**		ug/Kg	09/22/22	20:13	MT	469326
Bis(2-chloroethyl) ether	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2-Chlorophenol	SW8270CSIM	1	0.54	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
1,3-Dichlorobenzene	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
1,4-Dichlorobenzene	SW8270CSIM	1	0.53	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
1,2-Dichlorobenzene	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2-Methylphenol (o-Cresol)	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Bis(2-chloroisopropyl)ether	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
3-/4-Methylphenol (p-/m-Cresol)	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
NMP	SW8270CSIM	1	0.60	17.3	ND		ug/Kg	09/22/22	20:13	MT	469326
Hexachloroethane	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Nitrobenzene	SW8270CSIM	1	0.26	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2-Nitrophenol	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2,4-Dimethylphenol	SW8270CSIM	1	0.66	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Bis(2-Chloroethoxy)methane	SW8270CSIM	1	0.86	8.64	ND		ug/Kg	09/22/22	20:13	MT	469326
2,4-Dichlorophenol	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
1,2,4-Trichlorobenzene	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Isophorone	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2,6-Dichlorophenol	SW8270CSIM	1	0.84	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Hexachloro-1,3-butadiene	SW8270CSIM	1	0.78	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
4-Chloro-3-methylphenol	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2,4,6-Trichlorophenol	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2,4,5-Trichlorophenol	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2-Chloronaphthalene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
1,4-Dinitrobenzene	SW8270CSIM	1	0.48	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Dimethyl phthalate	SW8270CSIM	1	0.86	8.64	ND		ug/Kg	09/22/22	20:13	MT	469326
1,3-Dinitrobenzene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2,6-Dinitrotoluene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
1,2-Dinitrobenzene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Dibenzofuran	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2,4-Dinitrotoluene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2,3,5,6-Tetrachlorophenol	SW8270CSIM	1	0.69	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2,3,4,6-Tetrachlorophenol	SW8270CSIM	1	0.69	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Diethylphthalate	SW8270CSIM	1	5.2	20.7	ND		ug/Kg	09/22/22	20:13	MT	469326
4-Chlorophenyl phenyl ether	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
4-Bromophenyl phenyl ether	SW8270CSIM	1	0.60	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Pentachlorophenol	SW8270CSIM	1	0.86	8.64	ND		ug/Kg	09/22/22	20:13	MT	469326

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	9/21/22 11:14:00PM
Prep Batch ID:	1145083	**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.											
Carbazole	SW8270CSIM	1	0.69	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Di-n-butylphthalate	SW8270CSIM	1	4.1	20.7	ND		ug/Kg	09/22/22	20:13	MT	469326
Benzyl butyl phthalate	SW8270CSIM	1	0.52	8.64	**1.95**	J	ug/Kg	09/22/22	20:13	MT	469326
Bis(2-Ethylhexyl)phthalate	SW8270CSIM	1	26	69.1	**32.3**	J	ug/Kg	09/22/22	20:13	MT	469326
Di-n-octyl phthalate	SW8270CSIM	1	0.43	8.64	ND		ug/Kg	09/22/22	20:13	MT	469326
Pyridine	SW8270CSIM	1	0.78	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
3,3-Dichlorobenzidine	SW8270CSIM	1	1.4	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Benzyl Alcohol	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
4-Nitrophenol	SW8270CSIM	1	0.26	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Hexachlorocyclopentadiene	SW8270CSIM	1	0.95	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
2,4-Dinitrophenol	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
4,6-Dinitro-2-methylphenol	SW8270CSIM	1	0.95	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Diphenylamine	SW8270CSIM	1	0.86	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
Azobenzene	SW8270CSIM	1	0.52	4.32	ND		ug/Kg	09/22/22	20:13	MT	469326
			Acceptance Limits								
2-Fluorophenol (S)	SW8270CSIM		25 - 125		**69.9**		%	09/22/22	20:13	MT	469326
Phenol-d6 (S)	SW8270CSIM		25 - 125		**69.2**		%	09/22/22	20:13	MT	469326
Nitrobenzene-d5 (S)	SW8270CSIM		35 - 125		**73.2**		%	09/22/22	20:13	MT	469326
2-Fluorobiphenyl (S)	SW8270CSIM		35 - 125		**73.0**		%	09/22/22	20:13	MT	469326
2,4,6-Tribromophenol (S)	SW8270CSIM		25 - 125		**73.7**		%	09/22/22	20:13	MT	469326
p-Terphenyl-d14 (S)	SW8270CSIM		35 - 125		**86.9**		%	09/22/22	20:13	MT	469326

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	9/22/22 9:56:00AM
Prep Batch ID:	1145114	**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	ND		mg/Kg	09/22/22	22:34	SN	469393
TPH as Motor Oil	SW8015B	1	3.8	12	ND		mg/Kg	09/22/22	22:34	SN	469393
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**52.8**		%	09/22/22	22:34	SN	469393

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	9/21/22 10:28:00AM
Prep Batch ID:	1145139	**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	09/21/22	15:18	JZ	469346
Chloromethane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Vinyl Chloride	SW8260B	1	2.5	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Bromomethane	SW8260B	1	3.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Chloroethane	SW8260B	1	3.6	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Trichlorofluoromethane	SW8260B	1	2.5	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,1-Dichloroethene	SW8260B	1	2.4	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Freon 113	SW8260B	1	2.3	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Methylene Chloride	SW8260B	1	8.5	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
trans-1,2-Dichloroethene	SW8260B	1	2.5	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
MTBE	SW8260B	1	2.8	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
TBA	SW8260B	1	14	60	ND		ug/Kg	09/21/22	15:18	JZ	469346
Diisopropyl ether	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,1-Dichloroethane	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Ethyl tert-Butyl ether	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
cis-1,2-Dichloroethene	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
2,2-Dichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Bromochloromethane	SW8260B	1	2.8	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Chloroform	SW8260B	1	2.8	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Carbon Tetrachloride	SW8260B	1	2.5	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,1,1-Trichloroethane	SW8260B	1	2.5	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,1-Dichloropropene	SW8260B	1	2.4	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Benzene	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
TAME	SW8260B	1	2.7	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,2-Dichloroethane	SW8260B	1	2.8	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Trichloroethene	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Dibromomethane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,2-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Bromodichloromethane	SW8260B	1	2.4	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
cis-1,3-Dichloropropene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Toluene	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Tetrachloroethene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
trans-1,3-Dichloropropene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,1,2-Trichloroethane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Dibromochloromethane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,3-Dichloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,2-Dibromoethane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Chlorobenzene	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	9/21/22 10:28:00AM
Prep Batch ID:	1145139	**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.											
Ethylbenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,1,1,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
m,p-Xylene	SW8260B	1	3.8	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
o-Xylene	SW8260B	1	2.1	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Styrene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Bromoform	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Isopropyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
n-Propylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Bromobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,1,2,2-Tetrachloroethane	SW8260B	1	2.3	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
2-Chlorotoluene	SW8260B	1	2.1	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,3,5-Trimethylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,2,3-Trichloropropane	SW8260B	1	2.3	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
4-Chlorotoluene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
tert-Butylbenzene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,2,4-Trimethylbenzene	SW8260B	1	1.6	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
sec-Butyl Benzene	SW8260B	1	1.9	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
p-Isopropyltoluene	SW8260B	1	1.8	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,3-Dichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,4-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
n-Butylbenzene	SW8260B	1	1.7	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,2-Dichlorobenzene	SW8260B	1	2.1	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.2	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Hexachlorobutadiene	SW8260B	1	1.6	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,2,4-Trichlorobenzene	SW8260B	1	1.8	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
Naphthalene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,2,3-Trichlorobenzene	SW8260B	1	2.0	12	ND		ug/Kg	09/21/22	15:18	JZ	469346
2-Butanone	SW8260B	1	2.7	12.0	ND		ug/Kg	09/21/22	15:18	JZ	469346
Hexachloroethane	SW8260B	1	6.0	12.0	ND		ug/Kg	09/21/22	15:18	JZ	469346
1,4-Dioxane	SW8260B	1	120	12.0	ND		ug/Kg	09/21/22	15:18	JZ	469346
2-Hexanone	SW8260B	1	6.0	24.0	ND		ug/Kg	09/21/22	15:18	JZ	469346
Acetone	SW8260B	1	9.8	24.0	ND		ug/Kg	09/21/22	15:18	JZ	469346
MIBK	SW8260B	1	6.0	60.0	ND		ug/Kg	09/21/22	15:18	JZ	469346
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**102**		%	09/21/22	15:18	JZ	469346
(S) Toluene-d8	SW8260B		55.2 - 133		**102**		%	09/21/22	15:18	JZ	469346
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**108**		%	09/21/22	15:18	JZ	469346

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE B	**Lab Sample ID:**	2209143-010A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	9/21/22 10:28:00AM
Prep Batch ID:	1145140	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	52	120	ND		ug/Kg	09/21/22	15:18	JZ	469346
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**114**		%	09/21/22	15:18	JZ	469346

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	9/22/22 4:00:00PM
Prep Batch ID:	1145154	**Prep Analyst:**	NMISTR

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	0.63	ND		mg/Kg	09/23/22	13:43	BJAY	469381

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	6020S-P	**Prep Batch Date/Time:**	9/22/22 3:15:00PM
Prep Batch ID:	1145143	**Prep Analyst:**	ERAGUDO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Antimony	SW6020A	1	0.15	1.3	**0.163**	J	mg/Kg	09/23/22	15:47	ERR	469452
Arsenic	SW6020A	1	0.26	1.3	**8.18**		mg/Kg	09/23/22	15:47	ERR	469452
Barium	SW6020A	1	1.0	1.3	**202**		mg/Kg	09/23/22	15:47	ERR	469452
Beryllium	SW6020A	1	0.20	1.3	**0.566**	J	mg/Kg	09/23/22	15:47	ERR	469452
Cadmium	SW6020A	1	0.10	1.3	**0.973**	J	mg/Kg	09/23/22	15:47	ERR	469452
Chromium	SW6020A	1	0.12	1.3	**37.1**		mg/Kg	09/23/22	15:47	ERR	469452
Cobalt	SW6020A	1	0.26	1.3	**12.2**		mg/Kg	09/23/22	15:47	ERR	469452
Copper	SW6020A	1	0.21	3.1	**26.6**		mg/Kg	09/23/22	15:47	ERR	469452
Lead	SW6020A	1	0.067	1.3	**7.53**		mg/Kg	09/23/22	15:47	ERR	469452
Molybdenum	SW6020A	1	0.16	1.3	**1.89**		mg/Kg	09/23/22	15:47	ERR	469452
Nickel	SW6020A	1	1.6	6.3	**53.6**		mg/Kg	09/23/22	15:47	ERR	469452
Selenium	SW6020A	1	0.043	3.1	**1.74**	J	mg/Kg	09/23/22	15:47	ERR	469452
Silver	SW6020A	1	0.12	1.3	ND		mg/Kg	09/23/22	15:47	ERR	469452
Thallium	SW6020A	1	0.43	6.3	ND		mg/Kg	09/23/22	15:47	ERR	469452
Vanadium	SW6020A	1	0.35	31	**45.9**		mg/Kg	09/23/22	15:47	ERR	469452
Zinc	SW6020A	1	0.88	3.1	**66.9**		mg/Kg	09/23/22	15:47	ERR	469452

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_PAHSIM	**Prep Batch Date/Time:**	9/22/22 9:50:00AM
Prep Batch ID:	1145113	**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.											
Naphthalene	8270SIM	1	0.641	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
2-Methylnaphthalene	8270SIM	1	0.280	4.95	**0.302**	J	ug/Kg	09/23/22	2:00	MT	469373
1-Methylnaphthalene	8270SIM	1	0.231	4.95	**0.339**	J	ug/Kg	09/23/22	2:00	MT	469373
2,3,5-Trimethylnaphthalene	8270SIM	1	0.450	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
2,6-Dimethylnaphthalene	8270SIM	1	0.450	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Acenaphthylene	8270SIM	1	0.232	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Acenaphthene	8270SIM	1	0.202	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Fluorene	8270SIM	1	0.336	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Phenanthrene	8270SIM	1	0.741	4.95	**0.766**	J	ug/Kg	09/23/22	2:00	MT	469373
1-Methylphenanthrene	8270SIM	1	0.900	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
2-Methylphenanthrene	8270SIM	1	0.900	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Anthracene	8270SIM	1	0.663	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Fluoranthene	8270SIM	1	0.664	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Pyrene	8270SIM	1	0.686	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Benz[a]anthracene	8270SIM	1	0.578	4.95	**0.996**	J	ug/Kg	09/23/22	2:00	MT	469373
Chrysene	8270SIM	1	0.614	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Benzo[b]fluoranthene	8270SIM	1	0.305	4.95	**0.374**	J	ug/Kg	09/23/22	2:00	MT	469373
Benzo[k]fluoranthene	8270SIM	1	0.282	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Benzo[a]pyrene	8270SIM	1	0.355	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Indeno[1,2,3-cd]pyrene	8270SIM	1	0.275	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Dibenz[a,h]anthracene	8270SIM	1	0.343	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Benzo[g,h,i]perylene	8270SIM	1	0.336	4.95	**0.574**	J	ug/Kg	09/23/22	2:00	MT	469373
Benzo[e]pyrene	8270SIM	1	0.630	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Pyridine	8270SIM	1	1.35	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Biphenyl	8270SIM	1	0.450	4.95	**0.931**	J	ug/Kg	09/23/22	2:00	MT	469373
Perylene	8270SIM	1	0.450	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
Hexachlorobenzene	8270SIM	1	0.450	4.95	ND		ug/Kg	09/23/22	2:00	MT	469373
			Acceptance Limits								
2-Fluorobiphenyl (S)	8270SIM		45 - 105		**65.6**		%	09/23/22	2:00	MT	469373
p-Terphenyl-d14 (S)	8270SIM		30 - 125		**70.8**		%	09/23/22	2:00	MT	469373

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_PCB	**Prep Batch Date/Time:**	9/22/22 2:06:00PM
Prep Batch ID:	1145135	**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	8.75	25.0	ND		ug/Kg	09/22/22	13:39	MK	469344
Aroclor1221	SW8082A	1	1.25	25.0	ND		ug/Kg	09/22/22	13:39	MK	469344
Aroclor1232	SW8082A	1	4.25	25.0	ND		ug/Kg	09/22/22	13:39	MK	469344
Aroclor1242	SW8082A	1	0.750	25.0	ND		ug/Kg	09/22/22	13:39	MK	469344
Aroclor1248	SW8082A	1	0.500	25.0	ND		ug/Kg	09/22/22	13:39	MK	469344
Aroclor1254	SW8082A	1	3.50	25.0	ND		ug/Kg	09/22/22	13:39	MK	469344
Aroclor1260	SW8082A	1	6.00	25.0	ND		ug/Kg	09/22/22	13:39	MK	469344
			Acceptance Limits								
TCMX (S)	SW8082A		48 - 125		**65.0**		%	09/22/22	13:39	MK	469344
DCBP (S)	SW8082A		48 - 135		**65.0**		%	09/22/22	13:39	MK	469344

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	9/21/22 9:25:00AM
Prep Batch ID:	1145075	**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	0.16	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
gamma-BHC (Lindane)	SW8081B	1	0.20	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
beta-BHC	SW8081B	1	0.40	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
delta-BHC	SW8081B	1	0.19	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Heptachlor	SW8081B	1	0.13	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Aldrin	SW8081B	1	0.24	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Heptachlor Epoxide	SW8081B	1	0.098	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
gamma-Chlordane	SW8081B	1	0.20	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
alpha-Chlordane	SW8081B	1	0.22	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
4,4'-DDE	SW8081B	1	0.24	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Endosulfan I	SW8081B	1	0.23	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Dieldrin	SW8081B	1	0.19	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Endrin	SW8081B	1	0.24	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
4,4'-DDD	SW8081B	1	0.71	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Endosulfan II	SW8081B	1	0.72	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
4,4'-DDT	SW8081B	1	0.16	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Endrin Aldehyde	SW8081B	1	0.19	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Methoxychlor	SW8081B	1	0.25	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Endosulfan Sulfate	SW8081B	1	0.15	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Endrin Ketone	SW8081B	1	0.12	2.5	ND		ug/Kg	09/22/22	19:03	LA	469363
Chlordane, Technical	SW8081B	1	2.6	25	ND		ug/Kg	09/22/22	19:03	LA	469363
Toxaphene	SW8081B	1	11	63	ND		ug/Kg	09/22/22	19:03	LA	469363
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**68.1**		%	09/22/22	19:03	LA	469363
Decachlorobiphenyl (S)	SW8081B		38 - 135		**69.9**		%	09/22/22	19:03	LA	469363

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	9/21/22 5:25:00PM
Prep Batch ID:	1145115	**Prep Analyst:**	KAURN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	D2216	1	0.050	0.050	**25.0**		%	09/22/22	12:00	NK	469327
Dry Weight Factor	D2216	1	1	1	**1.25**		-	09/22/22	12:00	NK	469327

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	9/21/22 11:14:00PM
Prep Batch ID:	1145083	**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	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Phenol	SW8270CSIM	1	0.99	4.50	**19.5**		ug/Kg	09/22/22	20:43	MT	469326
Bis(2-chloroethyl) ether	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2-Chlorophenol	SW8270CSIM	1	0.56	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
1,3-Dichlorobenzene	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
1,4-Dichlorobenzene	SW8270CSIM	1	0.55	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
1,2-Dichlorobenzene	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2-Methylphenol (o-Cresol)	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Bis(2-chloroisopropyl)ether	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
3-/4-Methylphenol (p-/m-Cresol)	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
NMP	SW8270CSIM	1	0.63	18.0	ND		ug/Kg	09/22/22	20:43	MT	469326
Hexachloroethane	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Nitrobenzene	SW8270CSIM	1	0.27	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2-Nitrophenol	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2,4-Dimethylphenol	SW8270CSIM	1	0.68	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Bis(2-Chloroethoxy)methane	SW8270CSIM	1	0.90	9.00	ND		ug/Kg	09/22/22	20:43	MT	469326
2,4-Dichlorophenol	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
1,2,4-Trichlorobenzene	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Isophorone	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2,6-Dichlorophenol	SW8270CSIM	1	0.87	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Hexachloro-1,3-butadiene	SW8270CSIM	1	0.81	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
4-Chloro-3-methylphenol	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2,4,6-Trichlorophenol	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2,4,5-Trichlorophenol	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2-Chloronaphthalene	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
1,4-Dinitrobenzene	SW8270CSIM	1	0.50	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Dimethyl phthalate	SW8270CSIM	1	0.90	9.00	ND		ug/Kg	09/22/22	20:43	MT	469326
1,3-Dinitrobenzene	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2,6-Dinitrotoluene	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
1,2-Dinitrobenzene	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Dibenzofuran	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2,4-Dinitrotoluene	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2,3,5,6-Tetrachlorophenol	SW8270CSIM	1	0.72	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2,3,4,6-Tetrachlorophenol	SW8270CSIM	1	0.72	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Diethylphthalate	SW8270CSIM	1	5.4	21.6	ND		ug/Kg	09/22/22	20:43	MT	469326
4-Chlorophenyl phenyl ether	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
4-Bromophenyl phenyl ether	SW8270CSIM	1	0.63	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Pentachlorophenol	SW8270CSIM	1	0.90	9.00	ND		ug/Kg	09/22/22	20:43	MT	469326

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546-BNASIM	**Prep Batch Date/Time:**	9/21/22 11:14:00PM
Prep Batch ID:	1145083	**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.											
Carbazole	SW8270CSIM	1	0.72	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Di-n-butylphthalate	SW8270CSIM	1	4.2	21.6	ND		ug/Kg	09/22/22	20:43	MT	469326
Bis(2-Ethylhexyl)phthalate	SW8270CSIM	1	27	72.0	**28.0**	J	ug/Kg	09/22/22	20:43	MT	469326
Di-n-octyl phthalate	SW8270CSIM	1	0.45	9.00	ND		ug/Kg	09/22/22	20:43	MT	469326
3,3-Dichlorobenzidine	SW8270CSIM	1	1.4	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Benzyl Alcohol	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
4-Nitrophenol	SW8270CSIM	1	0.27	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Hexachlorocyclopentadiene	SW8270CSIM	1	0.99	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
2,4-Dinitrophenol	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
4,6-Dinitro-2-methylphenol	SW8270CSIM	1	0.99	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Diphenylamine	SW8270CSIM	1	0.90	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
Azobenzene	SW8270CSIM	1	0.54	4.50	ND		ug/Kg	09/22/22	20:43	MT	469326
			Acceptance Limits								
2-Fluorophenol (S)	SW8270CSIM		25 - 125		**68.4**		%	09/22/22	20:43	MT	469326
Phenol-d6 (S)	SW8270CSIM		25 - 125		**67.6**		%	09/22/22	20:43	MT	469326
Nitrobenzene-d5 (S)	SW8270CSIM		35 - 125		**73.8**		%	09/22/22	20:43	MT	469326
2-Fluorobiphenyl (S)	SW8270CSIM		35 - 125		**71.5**		%	09/22/22	20:43	MT	469326
2,4,6-Tribromophenol (S)	SW8270CSIM		25 - 125		**73.4**		%	09/22/22	20:43	MT	469326
p-Terphenyl-d14 (S)	SW8270CSIM		35 - 125		**82.2**		%	09/22/22	20:43	MT	469326

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	9/22/22 9:56:00AM
Prep Batch ID:	1145114	**Prep Analyst:**	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	1.1	2.5	**5.40**	x	mg/Kg	09/22/22	22:59	SN	469393
TPH as Motor Oil	SW8015B	1	4.0	13	ND		mg/Kg	09/22/22	22:59	SN	469393
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**67.6**		%	09/22/22	22:59	SN	469393

NOTE: x- Diesel result due to unknown organics within diesel quantified range.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	9/21/22 10:28:00AM
Prep Batch ID:	1145139	**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	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Chloromethane	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Vinyl Chloride	SW8260B	1	2.6	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Bromomethane	SW8260B	1	3.4	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Chloroethane	SW8260B	1	3.8	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Trichlorofluoromethane	SW8260B	1	2.6	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,1-Dichloroethene	SW8260B	1	2.5	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Freon 113	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Methylene Chloride	SW8260B	1	8.9	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
trans-1,2-Dichloroethene	SW8260B	1	2.6	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
MTBE	SW8260B	1	2.9	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
TBA	SW8260B	1	14	63	ND		ug/Kg	09/21/22	15:47	JZ	469346
Diisopropyl ether	SW8260B	1	2.9	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,1-Dichloroethane	SW8260B	1	2.8	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Ethyl tert-Butyl ether	SW8260B	1	2.9	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
cis-1,2-Dichloroethene	SW8260B	1	2.8	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
2,2-Dichloropropane	SW8260B	1	2.4	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Bromochloromethane	SW8260B	1	2.9	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Chloroform	SW8260B	1	3.0	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Carbon Tetrachloride	SW8260B	1	2.6	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,1,1-Trichloroethane	SW8260B	1	2.6	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,1-Dichloropropene	SW8260B	1	2.5	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Benzene	SW8260B	1	2.8	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
TAME	SW8260B	1	2.8	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,2-Dichloroethane	SW8260B	1	2.9	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Trichloroethene	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Dibromomethane	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,2-Dichloropropane	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Bromodichloromethane	SW8260B	1	2.5	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
cis-1,3-Dichloropropene	SW8260B	1	2.0	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Toluene	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Tetrachloroethene	SW8260B	1	2.1	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
trans-1,3-Dichloropropene	SW8260B	1	2.1	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,1,2-Trichloroethane	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Dibromochloromethane	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,3-Dichloropropane	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,2-Dibromoethane	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Chlorobenzene	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	9/21/22 10:28:00AM
Prep Batch ID:	1145139	**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.											
Ethylbenzene	SW8260B	1	2.1	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,1,1,2-Tetrachloroethane	SW8260B	1	2.4	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
m,p-Xylene	SW8260B	1	3.9	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
o-Xylene	SW8260B	1	2.2	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Styrene	SW8260B	1	2.1	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Bromoform	SW8260B	1	2.1	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Isopropyl Benzene	SW8260B	1	2.0	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
n-Propylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Bromobenzene	SW8260B	1	2.2	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,1,2,2-Tetrachloroethane	SW8260B	1	2.4	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
2-Chlorotoluene	SW8260B	1	2.2	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,3,5-Trimethylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,2,3-Trichloropropane	SW8260B	1	2.4	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
4-Chlorotoluene	SW8260B	1	2.1	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
tert-Butylbenzene	SW8260B	1	2.0	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,2,4-Trimethylbenzene	SW8260B	1	1.7	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
sec-Butyl Benzene	SW8260B	1	1.9	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
p-Isopropyltoluene	SW8260B	1	1.8	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,3-Dichlorobenzene	SW8260B	1	2.1	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,4-Dichlorobenzene	SW8260B	1	2.1	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
n-Butylbenzene	SW8260B	1	1.8	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,2-Dichlorobenzene	SW8260B	1	2.2	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,2-Dibromo-3-Chloropropane	SW8260B	1	2.3	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Hexachlorobutadiene	SW8260B	1	1.7	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,2,4-Trichlorobenzene	SW8260B	1	1.8	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
Naphthalene	SW8260B	1	2.1	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,2,3-Trichlorobenzene	SW8260B	1	2.1	13	ND		ug/Kg	09/21/22	15:47	JZ	469346
2-Butanone	SW8260B	1	2.9	12.5	ND		ug/Kg	09/21/22	15:47	JZ	469346
Hexachloroethane	SW8260B	1	6.3	12.5	ND		ug/Kg	09/21/22	15:47	JZ	469346
1,4-Dioxane	SW8260B	1	125	12.5	ND		ug/Kg	09/21/22	15:47	JZ	469346
2-Hexanone	SW8260B	1	6.3	25.0	ND		ug/Kg	09/21/22	15:47	JZ	469346
Acetone	SW8260B	1	10	25.0	ND		ug/Kg	09/21/22	15:47	JZ	469346
MIBK	SW8260B	1	6.3	62.5	ND		ug/Kg	09/21/22	15:47	JZ	469346
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**103**		%	09/21/22	15:47	JZ	469346
(S) Toluene-d8	SW8260B		55.2 - 133		**105**		%	09/21/22	15:47	JZ	469346
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**111**		%	09/21/22	15:47	JZ	469346

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Jeremy Wilson
Rosso Environmental, Inc.

Date/Time Received: 09/20/22, 3:42 pm
Date Reported: 09/27/22

Client Sample ID:	COMPOSITE C	**Lab Sample ID:**	2209143-015A
Project Name/Location:	Palo Alto	**Sample Matrix:**	Soil
Project Number:	22-0013.01		
Date/Time Sampled:	09/20/22 /		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	9/21/22 10:28:00AM
Prep Batch ID:	1145140	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	8260TPH	1	54	130	ND		ug/Kg	09/21/22	15:47	JZ	469346
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**106**		%	09/21/22	15:47	JZ	469346

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2209143	**Prep Method:**	3546_OCP	**Prep Date:**	09/21/22	**Prep Batch:**	1145075
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	9/21/2022	**Analytical Batch:**	469354
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.25	2.0	ND	
gamma-BHC (Lindane)	0.71	2.0	ND	
beta-BHC	0.44	2.0	ND	
delta-BHC	0.65	2.0	ND	
Heptachlor	0.27	2.0	ND	
Aldrin	0.29	2.0	ND	
Heptachlor Epoxide	0.31	2.0	ND	
gamma-Chlordane	1.5	3.0	ND	
alpha-Chlordane	0.36	2.0	ND	
4,4'-DDE	0.61	2.0	ND	
Endosulfan I	0.29	2.0	ND	
Dieldrin	0.25	2.0	ND	
Endrin	0.79	2.0	ND	
4,4'-DDD	0.64	2.0	ND	
Endosulfan II	0.34	2.0	ND	
4,4'-DDT	0.74	2.0	ND	
Endrin Aldehyde	0.51	2.0	ND	
Methoxychlor	2.6	6.0	ND	
Endosulfan Sulfate	0.51	2.0	ND	
Endrin Ketone	0.43	2.0	ND	
Chlordane, Technical	13	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			93.0	
Decachlorobiphenyl (S)			91.3	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2209143	**Prep Method:**	3546-BNASIM	**Prep Date:**	09/21/22	**Prep Batch:**	1145083
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	9/21/2022	**Analytical Batch:**	469326
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
N-Nitrosodimethylamine	0.50	3.6	ND	
Phenol	0.79	3.6	ND	
Bis(2-chloroethyl) ether	0.50	3.6	ND	
2-Chlorophenol	0.72	3.6	ND	
1,3-Dichlorobenzene	0.50	3.6	ND	
1,4-Dichlorobenzene	0.43	3.6	ND	
1,2-Dichlorobenzene	0.50	3.6	ND	
2-Methylphenol (o-Cresol)	0.43	3.6	ND	
Bis(2-chloroisopropyl)ether	0.43	3.6	ND	
3-/4-Methylphenol (p-/m-Cresol)	0.43	3.6	ND	
NMP	0.50	14	ND	
Hexachloroethane	0.50	3.6	ND	
Nitrobenzene	0.22	3.6	ND	
2-Nitrophenol	0.43	3.6	ND	
2,4-Dimethylphenol	0.58	3.6	ND	
Bis(2-Chloroethoxy)methane	0.72	7.2	ND	
2,4-Dichlorophenol	0.50	3.6	ND	
1,2,4-Trichlorobenzene	0.50	3.6	ND	
Naphthalene	0.58	3.6	ND	
Isophorone	0.50	3.6	ND	
2,6-Dichlorophenol	0.72	3.6	ND	
Hexachloro-1,3-butadiene	0.65	3.6	ND	
4-Chloro-3-methylphenol	0.50	3.6	ND	
2-Methylnaphthalene	0.65	3.6	ND	
1-Methylnaphthalene	0.72	3.6	ND	
2,4,6-Trichlorophenol	0.50	3.6	ND	
2,4,5-Trichlorophenol	0.43	3.6	ND	
2-Chloronaphthalene	0.50	3.6	ND	
1,4-Dinitrobenzene	0.43	3.6	ND	
Dimethyl phthalate	0.72	7.2	ND	
1,3-Dinitrobenzene	0.43	3.6	ND	
Acenaphthylene	0.50	3.6	ND	
2,6-Dinitrotoluene	0.43	3.6	ND	
1,2-Dinitrobenzene	0.43	3.6	ND	
Acenaphthene	0.50	3.6	ND	
Dibenzofuran	0.50	3.6	ND	
2,4-Dinitrotoluene	0.43	3.6	ND	
2,3,5,6-Tetrachlorophenol	0.58	3.6	ND	
2,3,4,6-Tetrachlorophenol	0.58	3.6	ND	
Diethylphthalate	4.3	17	ND	
Fluorene	0.50	3.6	ND	
4-Chlorophenyl phenyl ether	0.50	3.6	ND	
4-Bromophenyl phenyl ether	0.50	3.6	ND	
Hexachlorobenzene	0.72	3.6	ND	
Pentachlorophenol	0.72	3.6	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2209143	**Prep Method:**	3546-BNASIM	**Prep Date:**	09/21/22	**Prep Batch:**	1145083
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	9/21/2022	**Analytical Batch:**	469326
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Phenanthrene	0.50	3.6	ND		
Anthracene	0.65	3.6	ND		
Carbazole	0.58	3.6	ND		
Di-n-butylphthalate	3.4	17	ND		
Fluoranthene	0.50	3.6	ND		
Pyrene	0.58	3.6	ND		
Benzyl butyl phthalate	0.43	7.2	ND		
Benz[a]anthracene	0.58	3.6	ND		
Chrysene	0.65	3.6	ND		
Bis(2-Ethylhexyl)phthalate	25	58	ND		
Di-n-octyl phthalate	0.36	7.2	ND		
Benzo[b]fluoranthene	0.43	3.6	ND		
Benzo[k]fluoranthene	0.65	3.6	ND		
Benzo[a]pyrene	0.79	3.6	ND		
Indeno[1,2,3-cd]pyrene	1.8	3.6	ND		
Dibenz[a,h]anthracene	0.65	3.6	ND		
Benzo[g,h,i]perylene	0.58	3.6	ND		
Pyridine	0.65	3.6	ND		
3,3-Dichlorobenzidine	1.2	3.6	ND		
Benzyl Alcohol	0.43	3.6	ND		
4-Nitrophenol	0.22	3.6	ND		
Hexachlorocyclopentadiene	0.79	3.6	ND		
2,4-Dinitrophenol	0.43	3.6	ND		
4,6-Dinitro-2-methylphenol	0.79	3.6	ND		
Diphenylamine	0.50	3.6	ND		
Azobenzene	0.43	3.6	ND		
2-Fluorophenol (S)			82.6		
Phenol-d6 (S)			82.0		
Nitrobenzene-d5 (S)			70.6		
2-Fluorobiphenyl (S)			74.9		
2,4,6-Tribromophenol (S)			76.8		
p-Terphenyl-d14 (S)			80.3		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2209143	**Prep Method:**	3546_PAHSIM	**Prep Date:**	09/22/22	**Prep Batch:**	1145113
Matrix:	Soil	**Analytical Method:**	8270SIM	**Analyzed Date:**	9/22/2022	**Analytical Batch:**	469373
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Naphthalene	0.513	3.96	0.616	J
2-Methylnaphthalene	0.224	3.96	ND	
1-Methylnaphthalene	0.184	3.96	ND	
2,3,5-Trimethylnaphthalene	0.360	3.96	ND	
2,6-Dimethylnaphthalene	0.360	3.96	ND	
Acenaphthylene	0.186	3.96	ND	
Acenaphthene	0.162	3.96	ND	
Fluorene	0.269	3.96	ND	
Phenanthrene	0.593	3.96	ND	
1-Methylphenanthrene	0.720	3.96	ND	
2-Methylphenanthrene	0.720	3.96	ND	
Anthracene	0.531	3.96	ND	
Fluoranthene	0.531	3.96	ND	
Pyrene	0.549	3.96	ND	
Benz[a]anthracene	0.463	3.96	0.726	J
Chrysene	0.491	3.96	ND	
Benzo[b]fluoranthene	0.244	3.96	ND	
Benzo[k]fluoranthene	0.225	3.96	ND	
Benzo[a]pyrene	0.284	3.96	ND	
Indeno[1,2,3-cd]pyrene	0.220	3.96	ND	
Dibenz[a,h]anthracene	0.275	3.96	ND	
Benzo[g,h,i]perylene	0.268	3.96	ND	
Benzo[e]pyrene	0.504	3.96	ND	
Pyridine	1.08	3.96	ND	
Biphenyl	0.360	3.96	1.17	J
Perylene	0.360	3.96	ND	
Hexachlorobenzene	0.360	3.96	ND	
2-Fluorobiphenyl (S)			71.0	
p-Terphenyl-d14 (S)			86.2	

Work Order:	2209143	**Prep Method:**	3546_TPH	**Prep Date:**	09/22/22	**Prep Batch:**	1145114
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	9/22/2022	**Analytical Batch:**	469393
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	1.65	
Pentacosane (S)			114	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2209143	**Prep Method:**	% Water-P	**Prep Date:**	09/21/22	**Prep Batch:**	1145115
Matrix:	*	**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	9/22/2022	**Analytical Batch:**	469327
Units:	%						

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

Work Order:	2209143	**Prep Method:**	3546_PCB	**Prep Date:**	09/22/22	**Prep Batch:**	1145135
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	9/22/2022	**Analytical Batch:**	469344
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Aroclor1016	7.00	20.0	ND	
Aroclor1221	1.00	20.0	ND	
Aroclor1232	3.40	20.0	ND	
Aroclor1242	0.600	20.0	ND	
Aroclor1248	0.400	20.0	ND	
Aroclor1254	2.80	20.0	ND	
Aroclor1260	4.80	20.0	ND	
TCMX (S)			89.0	
DCBP (S)			95.0	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2209143	**Prep Method:**	5035	**Prep Date:**	09/21/22	**Prep Batch:**	1145139
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	9/21/2022	**Analytical Batch:**	469346
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:	2209143	**Prep Method:**	5035	**Prep Date:**	09/21/22	**Prep Batch:**	1145139
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	9/21/2022	**Analytical Batch:**	469346
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	4.1	J
Naphthalene	1.7	10	6.6	J
1,2,3-Trichlorobenzene	1.7	10	5.3	J
2-Butanone	2.3	10	ND	
MIBK	2.0	50	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	ND	
(S) Dibromofluoromethane			104	
(S) Toluene-d8			99.2	
(S) 4-Bromofluorobenzene			103	

Work Order:	2209143	**Prep Method:**	5035GRO	**Prep Date:**	09/21/22	**Prep Batch:**	1145140
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	9/21/2022	**Analytical Batch:**	469346
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			105	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2209143	**Prep Method:**	6020S-P	**Prep Date:**	09/22/22	**Prep Batch:**	1145143
Matrix:	Soil	**Analytical Method:**	6020A	**Analyzed Date:**	9/23/2022	**Analytical Batch:**	469452
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.12	1.0	ND	
Arsenic	0.21	1.0	ND	
Barium	0.84	1.0	ND	
Beryllium	0.16	1.0	ND	
Cadmium	0.084	1.0	ND	
Chromium	0.097	1.0	1.5	B
Cobalt	0.21	1.0	ND	
Copper	0.17	2.5	ND	
Lead	0.054	1.0	ND	
Molybdenum	0.13	1.0	ND	
Nickel	1.2	5.0	ND	
Selenium	0.035	1.0	ND	
Silver	0.098	0.50	ND	
Thallium	0.34	5.0	ND	
Vanadium	0.28	25	ND	
Zinc	0.70	2.5	ND	

Work Order:	2209143	**Prep Method:**	7471BP	**Prep Date:**	09/22/22	**Prep Batch:**	1145154
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	9/23/2022	**Analytical Batch:**	469381
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:	2209143	**Prep Method:**	WET/3010B	**Prep Date:**	10/03/22	**Prep Batch:**	1145494
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	10/4/2022	**Analytical Batch:**	469650
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony (STLC)	0.10	0.20	ND	
Arsenic (STLC)	0.40	0.40	ND	
Barium (STLC)	0.020	0.20	0.030	
Beryllium (STLC)	0.010	0.20	ND	
Cadmium (STLC)	0.040	0.20	ND	
Chromium (STLC)	0.010	0.20	0.13	
Cobalt (STLC)	0.010	0.20	ND	
Copper (STLC)	0.020	0.20	ND	
Lead (STLC)	0.050	0.20	ND	
Molybdenum (STLC)	0.020	0.20	ND	
Nickel (STLC)	0.010	0.20	ND	
Selenium (STLC)	0.090	0.20	ND	
Silver (STLC)	0.020	0.20	ND	
Thallium (STLC)	0.12	0.20	ND	
Vanadium (STLC)	0.020	0.20	ND	
Zinc (STLC)	0.080	0.20	ND	

Work Order:	2209143	**Prep Method:**	1311/3010A	**Prep Date:**	10/06/22	**Prep Batch:**	1145619
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	10/7/2022	**Analytical Batch:**	469785
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Chromium (TCLP)	0.010	0.20	ND	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2209143	**Prep Method:**	3546_OCP	**Prep Date:**	09/21/22	**Prep Batch:**	1145075
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	9/21/2022	**Analytical Batch:**	469354
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	97.0	99.6	2.54	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	97.6	100	3.03	40 - 130	30	
Aldrin	0.20	2.0	ND	40	98.3	101	2.51	25 - 140	30	
delta-BHC	0.15	2.0	ND	40	95.8	98.0	2.32	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	84.5	88.3	4.34	55 - 135	30	
4,4'-DDT	0.13	2.0	ND	40	91.4	95.7	4.54	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	92.7	94.6		48 - 125		
Decachlorobiphenyl (S)				100	93.3	95.6		38 - 135		

Work Order:	2209143	**Prep Method:**	3546-BNASIM	**Prep Date:**	09/21/22	**Prep Batch:**	1145083
Matrix:	Soil	**Analytical Method:**	SW8270C	**Analyzed Date:**	9/21/2022	**Analytical Batch:**	469326
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	0.79	3.6	ND	80.0	77.1	78.5	1.77	40 - 100	30	
2-Chlorophenol	0.43	3.6	ND	80.0	77.4	78.3	1.12	45 - 105	30	
1,4-Dichlorobenzene	0.43	3.6	ND	80.0	73.3	73.6	0.340	35 - 105	30	
Hexachloroethane	0.43	3.6	ND	80.0	75.3	76.5	1.65	40 - 115	30	
1,2,4-Trichlorobenzene	0.50	3.6	ND	80.0	74.4	75.9	2.00	45 - 110	30	
4-Chloro-3-methylphenol	0.50	3.6	ND	80.0	77.7	75.9	2.44	45 - 110	30	
Acenaphthene	0.50	3.6	ND	80.0	75.3	77.2	2.46	45 - 110	30	
2,4-Dinitrotoluene	0.43	3.6	ND	80.0	100	104	3.55	50 - 115	30	
Pentachlorophenol	0.72	3.6	ND	80.0	86.7	87.2	0.431	25 - 120	30	
Pyrene	0.58	3.6	ND	80.0	87.0	87.5	0.573	45 - 125	30	
2-Fluorophenol (S)				1110	81.5	81.5		25 - 125		
Phenol-d6 (S)				1110	82.6	82.2		25 - 125		
Nitrobenzene-d5 (S)				556	74.0	74.5		35 - 125		
2-Fluorobiphenyl (S)				556	76.8	77.9		35 - 125		
2,4,6-Tribromophenol (S)				1110	84.2	78.7		25 - 125		
p-Terphenyl-d14 (S)				556	80.9	79.5		35 - 125		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2209143	**Prep Method:**	3546_PAHSIM	**Prep Date:**	09/22/22	**Prep Batch:**	1145113
Matrix:	Soil	**Analytical Method:**	8270SIM	**Analyzed Date:**	9/23/2022	**Analytical Batch:**	469373
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	0.162	3.96	0.616	200	71.2	71.3	0.702	45 - 110	30	
Pyrene	0.549	3.96	ND	200	78.7	77.9	0.639	45 - 125	30	
Phenanthrene	0.593	3.96	ND	200	78.8	78.5	0.635	49 - 113	30	
Naphthalene	0.513	3.96	ND	200	63.9	63.5	0.784	38 - 111	30	
Pyridine	1.08	3.96	ND	200	55.9	56.6	0.889	32 - 94	30	
2-Fluorobiphenyl (S)				2780	66.9	67.5		45 - 105		
p-Terphenyl-d14 (S)				2780	83.1	83.2		30 - 125		

Work Order:	2209143	**Prep Method:**	3546_TPH	**Prep Date:**	09/22/22	**Prep Batch:**	1145114
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	9/22/2022	**Analytical Batch:**	469393
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	88.3	102	14.7	52 - 115	30	
Pentacosane (S)				200	88.2	94.8		45 - 130		

Work Order:	2209143	**Prep Method:**	3546_PCB	**Prep Date:**	09/22/22	**Prep Batch:**	1145135
Matrix:	Soil	**Analytical Method:**	SW8082A	**Analyzed Date:**	9/22/2022	**Analytical Batch:**	469344
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	11	20	ND	120	78.3	77.3	1.28	25 - 145	30	
Aroclor1260	7.2	20	ND	120	77.3	76.5	1.08	30 - 145	30	
TCMX (S)				0.10	76.0	76.0		48 - 125		
DCBP (S)				0.10	80.0	80.0		48 - 135		

Work Order:	2209143	**Prep Method:**	5035	**Prep Date:**	09/21/22	**Prep Batch:**	1145139
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	9/21/2022	**Analytical Batch:**	469346
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	94.6	91.9	2.79	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	106	105	0.948	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	112	109	2.71	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	109	106	2.99	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	108	105	3.19	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	104	101		59.8 - 148		
(S) Toluene-d8				50.0	104	103		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	106	107		55.8 - 141		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2209143	**Prep Method:**	5035GRO	**Prep Date:**	09/21/22	**Prep Batch:**	1145140
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	9/21/2022	**Analytical Batch:**	469346
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	113	110	2.69	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	115	112		43.9 - 127		

Work Order:	2209143	**Prep Method:**	6020S-P	**Prep Date:**	09/22/22	**Prep Batch:**	1145143
Matrix:	Soil	**Analytical Method:**	6020A	**Analyzed Date:**	9/23/2022	**Analytical Batch:**	469452
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	0.12	1.0	ND	25	92.1	96.5	4.67	80 - 120	30	
Arsenic	0.21	1.0	ND	25	93.4	97.0	3.36	80 - 120	30	
Barium	0.84	1.0	ND	25	90.7	94.2	3.46	80 - 120	30	
Beryllium	0.16	1.0	ND	25	91.5	95.5	4.27	80 - 120	30	
Cadmium	0.084	1.0	ND	25	92.1	95.8	3.84	80 - 120	30	
Chromium	0.097	1.0	1.5	25	90.8	93.9	3.46	80 - 120	30	
Cobalt	0.21	1.0	ND	25	90.5	94.4	4.33	80 - 120	30	
Copper	0.17	2.5	ND	25	91.1	95.4	4.71	80 - 120	30	
Lead	0.054	1.0	ND	25	91.4	93.5	2.60	80 - 120	30	
Molybdenum	0.13	1.0	ND	25	91.8	95.5	4.27	80 - 120	30	
Nickel	1.2	5.0	ND	25	92.0	95.9	4.26	80 - 120	30	
Selenium	0.035	2.5	ND	25	93.4	96.2	2.95	80 - 120	30	
Silver	0.098	1.0	ND	25	92.1	95.9	4.26	80 - 120	30	
Thallium	0.34	5.0	ND	25	93.6	96.1	2.53	80 - 120	30	
Vanadium	0.28	25	ND	25	89.4	92.4	3.08	80 - 120	30	
Zinc	0.70	2.5	ND	25	91.2	95.0	3.87	80 - 120	30	

Work Order:	2209143	**Prep Method:**	7471BP	**Prep Date:**	09/22/22	**Prep Batch:**	1145154
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	9/23/2022	**Analytical Batch:**	469381
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	103	102	0.784	85 - 115	30	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2209143	**Prep Method:**	WET/3010B	**Prep Date:**	10/03/22	**Prep Batch:**	1145494
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	10/4/2022	**Analytical Batch:**	469650
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony (STLC)	0.10	0.20	ND	10	93.7	94.7	1.06	80 - 120	20	
Arsenic (STLC)	0.20	0.40	ND	10	97.0	98.5	1.53	80 - 120	20	
Barium (STLC)	0.020	0.20	0.030	10	91.9	93.4	1.62	80 - 120	20	
Beryllium (STLC)	0.010	0.20	ND	10	92.4	93.9	1.61	80 - 120	20	
Cadmium (STLC)	0.040	0.20	ND	10	90.7	91.9	1.31	80 - 120	20	
Chromium (STLC)	0.010	0.20	0.13	10	92.0	93.6	1.72	80 - 120	20	
Cobalt (STLC)	0.010	0.20	ND	10	91.9	93.7	1.94	80 - 120	20	
Copper (STLC)	0.020	0.20	ND	10	102	103	0.976	80 - 120	20	
Lead (STLC)	0.050	0.20	ND	10	91.9	93.5	1.73	80 - 120	20	
Molybdenum (STLC)	0.020	0.20	ND	10	95.8	97.6	1.86	80 - 120	20	
Nickel (STLC)	0.010	0.20	ND	10	90.9	92.3	1.53	80 - 120	20	
Selenium (STLC)	0.090	0.20	ND	10	97.8	99.0	1.22	80 - 120	20	
Silver (STLC)	0.020	0.20	ND	10	95.4	96.5	1.15	80 - 120	20	
Thallium (STLC)	0.12	0.20	ND	10	92.0	93.7	1.83	80 - 120	20	
Vanadium (STLC)	0.020	0.20	ND	10	93.8	95.8	2.11	80 - 120	20	
Zinc (STLC)	0.080	0.20	ND	10	90.4	91.7	1.43	80 - 120	20	

Work Order:	2209143	**Prep Method:**	1311/3010A	**Prep Date:**	10/06/22	**Prep Batch:**	1145619
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	10/7/2022	**Analytical Batch:**	469785
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (TCLP)	0.010	0.20	ND	10	98.8	95.2	3.71	80 - 120	20	

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2209143	**Prep Method:**	3546-BNASIM	**Prep Date:**	09/21/22	**Prep Batch:**	1145083
Matrix:	**Soil**	**Analytical Method:**	SW8270C	**Analyzed Date:**	9/22/2022	**Analytical Batch:**	469326
Spiked Sample:	2209143-005A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	0.792	100	ND	80.0	126	140	10.3	40 - 100	30	S
2-Chlorophenol	0.432	100	ND	80.0	66.9	65.9	1.51	45 - 105	30	
1,4-Dichlorobenzene	0.432	50	ND	80.0	65.4	61.1	6.92	35 - 105	30	
Hexachloroethane	0.432	100	ND	80.0	71.7	64.8	10.1	40 - 115	30	
1,2,4-Trichlorobenzene	0.504	50	ND	80.0	70.4	67.7	3.99	45 - 110	30	
4-Chloro-3-methylphenol	0.504	100	ND	80.0	67.5	68.7	1.83	45 - 110	30	
Acenaphthene	0.504	50	ND	80.0	71.6	72.1	0.696	45 - 110	30	
2,4-Dinitrotoluene	0.432	50	ND	80.0	82.8	84.9	2.54	50 - 115	30	
Pentachlorophenol	0.720	100	ND	80.0	87.5	102	15.1	25 - 120	30	
Pyrene	0.576	50	ND	80.0	71.5	73.5	2.71	45 - 125	30	
2-Fluorophenol (S)				1110	63.6	63.7	164	25 - 125		
Phenol-d6 (S)				1110	67.9	68.6	163	25 - 125		
Nitrobenzene-d5 (S)				556	72.1	72.3	164	35 - 125		
2-Fluorobiphenyl (S)				556	73.6	73.2	164	35 - 125		
2,4,6-Tribromophenol (S)				1110	72.2	74.3	163	25 - 125		
p-Terphenyl-d14 (S)				556	84.1	85.7	163	35 - 125		

Work Order:	2209143	**Prep Method:**	3546_PAHSIM	**Prep Date:**	09/22/22	**Prep Batch:**	1145113
Matrix:	**Soil**	**Analytical Method:**	8270SIM	**Analyzed Date:**	9/23/2022	**Analytical Batch:**	469373
Spiked Sample:	2209143-015A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	0.162	3.96	ND	200	71.8	70.5	2.11	45 - 110	30	
Pyrene	0.549	3.96	ND	200	72.0	73.2	2.06	45 - 125	30	
Phenanthrene	0.593	3.96	ND	200	72.0	72.5	0.687	49 - 113	30	
Naphthalene	0.513	3.96	ND	200	68.8	63.7	7.52	38 - 111	30	
2-Fluorobiphenyl (S)				2780	64.5	66.0		45 - 105		
p-Terphenyl-d14 (S)				2780	68.2	73.9		30 - 125		

Work Order:	2209143	**Prep Method:**	3546_TPH	**Prep Date:**	09/22/22	**Prep Batch:**	1145114
Matrix:	**Soil**	**Analytical Method:**	SW8015B	**Analyzed Date:**	9/22/2022	**Analytical Batch:**	469393
Spiked Sample:	2209143-010A						
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	0.850	2.00	ND	25.0	95.0	71.1	26.5	52 - 115	30	
Pentacosane (S)				200	92.3	69.7		45 - 130		

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2209143	**Prep Method:**	3546_PCB	**Prep Date:**	09/22/22	**Prep Batch:**	1145135
Matrix:	**Soil**	**Analytical Method:**	SW8082A	**Analyzed Date:**	9/22/2022	**Analytical Batch:**	469344
Spiked Sample:	2209143-010A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	10.6	20.0	ND	120	69.7	73.0	4.67	25 - 145	30	
Aroclor1260	7.20	20.0	ND	120	68.7	70.0	1.92	30 - 145	30	
TCMX (S)				0.10	65.0	67.0		48 - 125		
DCBP (S)				0.10	68.0	69.0		48 - 135		

Work Order:	2209143	**Prep Method:**	6020S-P	**Prep Date:**	09/22/22	**Prep Batch:**	1145143
Matrix:	**Soil**	**Analytical Method:**	6020A	**Analyzed Date:**	9/23/2022	**Analytical Batch:**	469452
Spiked Sample:	2209143-005A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.12	1.0	ND	25	66.0	62.6	5.57	30.7 - 130	33	
Arsenic	0.21	1.0	2.50	25	92.8	85.3	7.68	71.0 - 121	33	
Barium	0.84	1.0	162	25	0	0	1.27	70.2 - 130	33	NR
Beryllium	0.16	1.0	ND	25	86.5	83.8	3.20	73.3 - 125	33	
Cadmium	0.084	1.0	ND	25	97.2	89.7	8.03	88.7 - 110	33	
Chromium	0.097	1.0	129	25	0	0	0.830	76.0 - 116	33	NR
Cobalt	0.21	1.0	17.1	25	88.2	78.4	6.33	57.4 - 122	33	
Copper	0.17	2.5	42.6	25	60.7	37.0	10.9	74.8 - 119	33	S
Lead	0.054	1.0	4.57	25	92.7	86.2	5.95	57.9 - 118	33	
Molybdenum	0.13	1.0	ND	25	88.9	83.5	5.92	62.9 - 123	33	
Nickel	1.2	5.0	137	25	0	0	9.12	61.5 - 122	33	NR
Selenium	0.035	2.5	ND	25	84.7	79.5	5.98	62.0 - 111	33	
Silver	0.098	1.0	ND	25	12.8	11.9	7.62	81.1 - 109	33	S
Thallium	0.34	5.0	ND	25	97.1	91.7	5.47	39.2 - 125	33	
Vanadium	0.28	25	79.3	25	45.0	3.58	12.2	65.8 - 122	33	S
Zinc	0.70	2.5	59.0	25	53.0	12.1	15.2	59.9 - 122	33	S

Work Order:	2209143	**Prep Method:**	7471BP	**Prep Date:**	09/22/22	**Prep Batch:**	1145154
Matrix:	**Soil**	**Analytical Method:**	SW7471B	**Analyzed Date:**	9/23/2022	**Analytical Batch:**	469381
Spiked Sample:	2209143-005A						
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	90.8	92.0	0.873	80 - 120	30	

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2209143	**Prep Method:**	1311/3010A	**Prep Date:**	10/06/22	**Prep Batch:**	1145619
Matrix:	**Soil**	**Analytical Method:**	SW6010B	**Analyzed Date:**	10/7/2022	**Analytical Batch:**	469785
Spiked Sample:	2209143-005A						
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	98.3	98.6	0.304	75 - 125	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: Rosso Environmental, Inc.

Project Name: Palo Alto

Work Order No.: 2209143

Date and Time Received: 9/20/2022 3:42:00PM

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?	Yes	Temperature:	2.0	°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:	TL5964	Rosso Environmental, Inc.	**QC Level:**	II
Project Name:	Palo Alto		**TAT Requested:**	5+ day:5
Project # :	22-0013.01		**Date Received:**	9/20/2022
Report Due Date:	10/7/2022		**Time Received:**	3:42 pm

Comments:

Work Order # : ***2209143***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2209143-001A	B1-4.5'-5.0'	09/20/22 8:50	Soil	03/19/23			Composite	
2209143-002A	B2-4.5'-5.0'	09/20/22 8:00	Soil	03/19/23			Composite	
2209143-003A	B3-4.5'-5.0'	09/20/22 12:16	Soil	03/19/23			Composite	
2209143-004A	B4-4.5'-5.0'	09/20/22 11:26	Soil	03/19/23			Composite	
2209143-005A	COMPOSITE A	09/20/22	Soil	03/19/23			TPHDO_S_8015B DryWt Met_S_CAM17TCLP Met_S_CAM17STLC Pest_S_8081 DryWt PAHSIM_PSE_DryWt SVOC_BNASIM 2021DW Hg_S_7471B Dry Wt Met_S_6020CAM17 DryW PCBs_S_8082A_Dry Wt VOC_S_GRO DWF VOC_S_8260Ext DWF PMOIST	
Sample Note:	Need to composite. Pls report data to MDL. PCBs need RL of 22.7 ug/kg. VOC extended list w/acetone, 1,4-dioxane, etc.							
2209143-006A	B1-14.5'-15.0'	09/20/22 9:03	Soil	03/19/23			Composite	
2209143-007A	B2-14.5'-15.0'	09/20/22 8:04	Soil	03/19/23			Composite	
2209143-008A	B3-14.5'-15.0'	09/20/22 12:29	Soil	03/19/23			Composite	
2209143-009A	B4-14.5'-15.0'	09/20/22 11:37	Soil	03/19/23			Composite	
2209143-010A	COMPOSITE B	09/20/22	Soil	03/19/23			TPHDO_S_8015B DryWt Pest_S_8081 DryWt PAHSIM_PSE_DryWt SVOC_BNASIM 2021DW	

Login Summary Report

Client ID:	TL5964	Rosso Environmental, Inc.	**QC Level:**	II
Project Name:	Palo Alto		**TAT Requested:**	5+ day:5
Project # :	22-0013.01		**Date Received:**	9/20/2022
Report Due Date:	10/7/2022		**Time Received:**	3:42 pm

Comments:

Work Order # : ***2209143***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
							Hg_S_7471B Dry Wt Met_S_6020CAM17 DryW PCBs_S_8082A_Dry Wt VOC_S_GRO DWF VOC_S_8260Ext DWF PMOIST	
2209143-011A	B1-24.5'-25.0'	09/20/22 9:17	Soil	03/19/23			Composite	
2209143-012A	B2-24.5'-25.0'	09/20/22 8:22	Soil	03/19/23			Composite	
2209143-013A	B3-24.5'-25.0'	09/20/22 12:41	Soil	03/19/23			Composite	
2209143-014A	B4-24.5'-25.0'	09/20/22 11:51	Soil	03/19/23			Composite	
2209143-015A	COMPOSITE C	09/20/22	Soil	03/19/23			TPHDO_S_8015B DryWt PMOIST VOC_S_8260Ext DWF VOC_S_GRO DWF PCBs_S_8082A_Dry Wt Met_S_6020CAM17 DryW Hg_S_7471B Dry Wt SVOC_BNASIM 2021DW PAHSIM_PSE_DryWt Pest_S_8081 DryWt	

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: 2209143

Company Name: Rosso Environmental ☐ ☒ Env. ☐ Special	Project #: 22-0013.01 PO #:
Address:	Project Name: Palo Alto
City: State: Zip Code:	Comments:
Telephone: 415 583 9067 Cell:	SAMPLER: J. Wilson Quote #:
REPORT TO: J Wilson BILL TO:	EMAIL: jwilson@Rossoenv.com

TURNAROUND TIME: Standard

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

SAMPLE TYPE:

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

REPORT FORMAT:

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

ANALYSIS REQUESTED (handwritten column headings):
1. VOCs + TPH-G 8260 (see state extended list)
2. TPH-DRO, ORO 8015
3. Low limit Dieldrin OCPs 8081A
4. Dry weight PCBs 8082
5. PAHs 8270C SIM / Pesticides Extended List
6. SVOCs Full List 8270C/SIM low detection
7. CAM 17 Metals 200.8/6020/7470/7471
8. Moisture ASTM D2216

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE	TIME	MATRIX	# OF CONT	CONT TYPE	1	2	3	4	5	6	7	8	REMARKS
-001A		B1-4.5-5.0'	9-20-22	850	Soil	1		X	X	X	X	X	X	X	X	
-002A		B2-4.5-5.0'		800		1	Comp A -005A	X	X	X	X	X	X	X	X	
-003A		B3-4.5-5.0'		1216		1		X	X	X	X	X	X	X	X	
-004A		B4-4.5-5.0'		1126		1		X	X	X	X	X	X	X	X	
-006A		B1-14.5-15.0'		903		1		X	X	X	X	X	X	X	X	
-007A		B2-14.5-15.0'		804		1	Comp B -010A	X	X	X	X	X	X	X	X	
-008A		B3-14.5-15.0		1229		1		X	X	X	X	X	X	X	X	
-009A		B4-14.5-15.0		1137		1		X	X	X	X	X	X	X	X	

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	[signature]	Jeremy Wilson	9-20-22	1350	[signature]	Enoch Lef	9/20/2022	1350
2	[signature]	Jeremy Wilson	9-20-22	1542	[signature]	L-D-Imbert	9-20-22	1542

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: ________ Date: ________ Labeled By: ________ Date: ________ Temp 2 #3 Page 1 of 2 Rev. 4

483 Sinclair Frontage Rd., Milpitas, CA 95035 | tel: 408.263.5258 | fax: 408.263.8293 | www.torrentlab.com

Torrent Laboratory, Inc.

Torrent Laboratory, Inc.
483 Sinclair Frontage Road
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www.torrentlab.com

CHAIN OF CUSTODY

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

LAB WORK ORDER NO: 2209143

Company Name: Rosso Environmental ☐ ☐ Env. ☐ Special	Project #: 22-0013.01 PO #:
Address:	Project Name: Palo Alto
City: State: Zip Code:	Comments:
Telephone: (415) 583-9067 Cell:	SAMPLER: J Wilson Quote #:
REPORT TO: J Wilson BILL TO:	EMAIL:

TURNAROUND TIME: Standard
☐ 10 Work Days ☐ 4 Work Days ☐ 1 Work Day
☐ 7 Work Days ☐ 3 Work Days ☐ Noon - Nxt Day
☐ 5 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours

SAMPLE TYPE:
☐ Storm Water ☐ Air
☐ Waste Water ☐ Wipe
☐ Ground Water ☐ Other
☒ Soil ☐ Product / Bulk

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

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED		MATRIX	# OF CONT	CONT TYPE	VOCs + TPH-G 8260 PacStates extended list	TPH-DRO, ORO 8015	OCPs 8081A Low limit Dieldrin	PCBs 8082 Dry weight	PAHs 8270 SIM PacStates extended 1,3	SVOCs Full List 8270C/SIM Low Detections	CAM 17 Metals 200.8/6020/7400/7471	Moisture Content ASTM D2216			REMARKS
-011A		B1 - 24.5-25.0	9-20-22	917	Soil	1		X	X	X	X	X	X	X	X			
-012A		B2 - 24.5-25.0		822		1	comp	X	X	X	X	X	X	X	X			
-013A		B3 - 24.5-25.0		1241		1	C	X	X	X	X	X	X	X	X			
-014A		B4 - 24.5-25.0		1151		1	-015A	X	X	X	X	X	X	X	X			

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	[signature]	Jeremy Wilson	9-20-22	1350	[signature]	Erich Leaf	9/20/2022	1350
2	[signature]	Jeremy Wilson	9-20-22	1542	[signature]	L-D. Imbat	9-20-22	1542

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: ______ Date: ______ Labeled By: ______ Date: ______ Temp 2 #3 Page 2 of 2 Rev. 4

MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - PLM ARB 435

1269
Jeremy Wilson
Rosso Environmental, Inc.
P.O. Box 1923
Lafayette, CA 94549

PROJECT:
JOB NO. 22-0013.01

Micro Log In **295698**
Total Samples 3
Date Sampled 09/20/2022
Date Received 09/23/2022
Date Analyzed 09/24/2022

SAMPLE INFORMATION	ASBESTOS INFORMATION QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES	DOMINANT OTHER MATERIALS
Client #: **COMP-A** Micro #: 295698-01 Analyst: AF SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	**ND**	Matrix Type: ROCK FRAGMENTS CLAY
Client #: **COMP-B** Micro #: 295698-02 Analyst: AF SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	**ND**	Matrix Type: ROCK FRAGMENTS CLAY CARBONATE
Client #: **COMP-C** Micro #: 295698-03 Analyst: AF SOIL Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	**ND**	Matrix Type: ROCK FRAGMENTS CLAY

Technical Supervisor: _____ 9/24/2022
Baojia Ke, Ph.D. Date Reported

Analyses use Polarized Light Microscopy (PLM), Micro Analytical SOP PLM-101 for building materials. Basic techniques follow EPA – Appendix E to Subpart E of 40 CFR Part 763; Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (originally published 1982), EPA-600/R93-116 (1993), and California ARB 435 (1991) for applicable soil, rock, or aggregate samples. NOTES: Weight % cannot be determined by PLM estimation or point counts. Asbestos fibers with diameter below ~1 μm may not be detected by PLM. The absence of asbestos in dust or debris (including wipe or microvacuum), and in some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). Only dominant non-asbestos materials are indicated. This report must not be interpreted as a conclusive identification of non-asbestos (fibrous or not). Quantities of non-asbestos fibers are estimated, not point counted. Preparation (all samples): grinding, milling; teasing bundles apart; drying, if needed, by hotplate. Acid dissolution, ashing, or other matrix reduction techniques may be applied to some samples; residue asbestos % is corrected for amount of matrix removed. Various sample interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Notes are made if point counting is used; otherwise, asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (<<1%) may not be reliable or reproducible by PLM. Lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos by weight; however, reliable determination of asbestos weight percent at this level cannot be done by PLM, and TEM is recommended. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Composite asbestos percentages on multilayered samples are applicable only to layered wall systems (wallboard, joint compound, and related materials); compositing is based on clients' descriptions of a material as "joint compound". Clients are solely responsible for identification and description of bulk materials listed on field forms. Laboratory sample descriptions may differ from descriptions given by the client. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Samples that were reanalyzed are denoted by two sets of analyst initials. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received. ND = NO ASBESTOS DETECTED.

1269

Client ID #

p 1 of 1

MICRO ANALYTICAL LABORATORIES, INC.

5900 Hollis St., Suite M, Emeryville, CA 94608

(510) 653-0824 - FAX (510) 653-1361 - www.labmicro.com

Log in # 295898

Chain of Custody 09/05/2014

Name / Client / Address:

Rosso Environmental

PO Box 1923

Lafayette, CA 94549

Tel. 415-583-9067

E-mail jwilson@rossoenv.com

Job No. 22-0013.01

Asbestos (TEM) AHERA Yamate II Mod. NIOSH 7402 CARB

Asbestos / Fibers PCM PLM PLM-400 PLM-1200

Asbestos Soil/Rock PLM CARB 435 400 pts. CARB 435 (Mod.) 1200 pts.

Lead Air Paint Soil Wipe

Water Bulk (TTLC) STLC TCLP

Mold / Fungi Air (Spore Trap) Tape Lift Bulk Andersen Swab

Coliform Presence / Absence MTF Sample Temperature (°C)

Other Analyses (Specify)

Number of Samples 3 **Turn-Around Time** Standard

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Wipe / Swab Sample Area
1	Comp-A	Soil	9/20/22	: : 1216			
2	Comp-B	Soil	9/20/22	: : 1229			
3	Comp-C	Soil	9/20/22	: : 1241			
				: :			
				: :			
				: :			
				: :			
				: :			
				: :			
				: :			

Instructions / Comments: ☐ E-mail To: jwilson@rossoenv.com

Comp-A = Field Composite B1, B2, B3, B4 at 4.5-5.0' Comp-B = Field Composite B1, B2, B3, B4 at 14.5-15.0'

Comp-C = Field Composite B1, B2, B3, B4 at 24.5-25.0'

Sample Return: YES ☐ NO ☒ If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required.
If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Sampler's Signature / Name Jeremy Wilson Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By	Date / Time	Drop Box / Courier	Received By	Date / Time
	9-23-22 1310		9.23.22	13:10
Relinquished By	**Date / Time**		**Received By**	**Date / Time**

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number:	469405
Report Level:	II
Report Date:	09/27/2022

Analytical Report *prepared for:*

Jeremy Wilson
Rosso Environmental, Inc.
PO Box 1923
Lafayette, CA 94549

Project: 22-0013.01 - Palo Alto

Authorized for release by:

Sophia Baughman, Project Manager
sophia.baughman@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Jeremy Wilson
Rosso Environmental, Inc.
PO Box 1923
Lafayette, CA 94549

Lab Job #:	469405
Project No:	22-0013.01
Location:	Palo Alto
Date Received:	09/20/22

Sample ID	Lab ID	Collected	Matrix
GW1	469405-001	09/20/22 10:30	Water
GW2	469405-002	09/20/22 10:50	Water
GW3	469405-003	09/20/22 14:45	Water
GW4	469405-004	09/20/22 14:10	Water

ENTHALPY ANALYTICAL

Case Narrative

Rosso Environmental, Inc. PO Box 1923 Lafayette, CA 94549 Jeremy Wilson	Lab Job Number: 469405 Project No: 22-0013.01 Location: Palo Alto Date Received: 09/20/22

This data package contains sample and QC results for four water samples, requested for the above referenced project on 09/20/22. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

CHAIN OF CUSTODY

ENTHALPY ANALYTICAL
Formerly Curtis & Tompkins Labs

2323 Fifth Street
Berkeley, CA 94710
Phone (510) 486-0900
Fax (510) 486-0532

C&T LOGIN # 469405

Chain of Custody # _____

Project No: 22-0013.01
Project Name: Palo Alto
Project P. O. No:
EDD Format: Report Level ☒ II ☐ III ☐ IV
Turnaround Time: ☐ RUSH _____ ☒ Standard

Sampler: J. Wilson
Report To: J
Company: Rossc
Telephone: 4155839047
Email: jwilson@rossenv.com

Lab No.	Sample ID.	SAMPLING		MATRIX			# of Containers	CHEMICAL PRESERVATIVE					ANALYTICAL REQUEST
		Date Collected	Time Collected	Water	Solid			HCl	H2SO4	HNO3	NaOH	None	VOCs 8260
	GW1	9-20-22	1030	X			3	X					X
	GW2	"	1050	X			3	X					X
	GW3	"	1445	X			2	X					X
	GW4	"	1410	X			3	X					X

Notes:

SAMPLE RECEIPT
☐ Intact
☐ Cold
☐ On Ice
☐ Ambient

RELINQUISHED BY:
DATE: 9-20-22 TIME: 1500
DATE: 9/20/22 TIME: 1635
DATE: 9/20/22 TIME: 1743

RECEIVED BY:
DATE: 9/20/22 TIME: 1500
DATE: 9/20/22 TIME: 1635
DATE: 9/20/22 TIME: 0745

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 469405 Client: Rossi

Date Received: 9/20/22 Project:

ENTHALPY

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☒ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☒ Yes, how many? 2 ☐ No **(skip Section 3 below)**

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 9/20/22 By (print) MAC (sign)

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☐ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☒ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☒ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☒ B ☐ C

Cooler Temp (°C): #1: 1.9, #2: 2.6, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?		✓	
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			
Was the client contacted concerning this sample delivery?			
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged in 9/20/22 **By (print)** LEP **(sign)**

Date Labeled _____ **By (print)** _____ **(sign)** _____

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rosso Environmental, Inc. Project: Palo Alto

Date Received: 09/21/22 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.6 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Greyhound

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.4 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?	✔		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✔	
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 9/21/22

LOS ANGELES, CA

STD PPD

20SEP22 06:42P ** LABEL **

Schd: GLI 6849

Pcs: 4 of 5 LOS ANGELES, CA

From: ENTHALPY ANALYTICAL -
000-000-0000

RECV: ENTHALPY ANALYTICAL
931 W. BARKLEY AVE

ORANGE, CA 92868
Phone: 925-487-8029
Standard
Agency Phone: (213)629-8420

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Enthalpy Analytical - Orange Analytical Report

Lab #: 469405 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	GW1	**Batch#:**	297631	**Prep:**	EPA 5030B
Lab ID:	469405-001	**Sampled:**	09/20/22	**Analysis:**	EPA 8260B
Matrix:	Water	**Received:**	09/20/22	**Analyst:**	LYZ
Dil'n Fac:	1.000	**Analyzed:**	09/24/22		

469405-001 Analyte	Result	RL	Units
Freon 12	ND	0.5	ug/L
Chloromethane	ND	1.0	ug/L
Vinyl Chloride	ND	0.5	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	0.5	ug/L
Trichlorofluoromethane	ND	0.5	ug/L
Acetone	ND	17	ug/L
Freon 113	ND	0.5	ug/L
1,1-Dichloroethene	ND	0.5	ug/L
Methylene Chloride	ND	10	ug/L
MTBE	ND	0.5	ug/L
trans-1,2-Dichloroethene	ND	0.5	ug/L
1,1-Dichloroethane	ND	0.5	ug/L
2-Butanone	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	0.5	ug/L
2,2-Dichloropropane	ND	0.5	ug/L
Chloroform	ND	0.5	ug/L
Bromochloromethane	ND	0.5	ug/L
1,1,1-Trichloroethane	ND	0.5	ug/L
1,1-Dichloropropene	ND	0.5	ug/L
Carbon Tetrachloride	ND	0.5	ug/L
1,2-Dichloroethane	ND	0.5	ug/L
Benzene	ND	0.5	ug/L
Trichloroethene	**5.2**	0.5	ug/L
1,2-Dichloropropane	ND	0.5	ug/L
Bromodichloromethane	ND	0.5	ug/L
Dibromomethane	ND	0.5	ug/L
4-Methyl-2-Pentanone	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	0.5	ug/L
Toluene	ND	0.5	ug/L
trans-1,3-Dichloropropene	ND	0.5	ug/L
1,1,2-Trichloroethane	ND	0.5	ug/L
1,3-Dichloropropane	ND	0.5	ug/L
Tetrachloroethene	ND	0.5	ug/L
Dibromochloromethane	ND	0.5	ug/L
1,2-Dibromoethane	ND	0.5	ug/L
Chlorobenzene	ND	0.5	ug/L
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L
Ethylbenzene	ND	0.5	ug/L
m,p-Xylenes	ND	1.0	ug/L
o-Xylene	ND	0.5	ug/L

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange Analytical Report

Lab #: 469405 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469405-001 Analyte	Result	RL	Units
Styrene	ND	0.5	ug/L
Bromoform	ND	1.0	ug/L
Propylbenzene	ND	0.5	ug/L
Isopropylbenzene	ND	0.5	ug/L
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L
1,2,3-Trichloropropane	ND	0.5	ug/L
Bromobenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	0.5	ug/L
2-Chlorotoluene	ND	0.5	ug/L
4-Chlorotoluene	ND	0.5	ug/L
tert-Butylbenzene	ND	0.5	ug/L
1,2,4-Trimethylbenzene	ND	0.5	ug/L
sec-Butylbenzene	ND	0.5	ug/L
para-Isopropyl Toluene	ND	0.5	ug/L
1,3-Dichlorobenzene	ND	0.5	ug/L
1,4-Dichlorobenzene	ND	0.5	ug/L
n-Butylbenzene	ND	0.5	ug/L
1,2-Dichlorobenzene	ND	0.5	ug/L
1,2-Dibromo-3-Chloropropane	ND	2.0	ug/L
1,2,4-Trichlorobenzene	ND	0.5	ug/L
Hexachlorobutadiene	ND	2.0	ug/L
Naphthalene	ND	2.0	ug/L
1,2,3-Trichlorobenzene	ND	0.5	ug/L
Isopropyl Ether (DIPE)	ND	0.5	ug/L
Ethyl tert-Butyl Ether (ETBE)	ND	0.5	ug/L
tert-Butyl Alcohol (TBA)	ND	10	ug/L
Methyl tert-Amyl Ether (TAME)	ND	0.5	ug/L

469405-001 Surrogate	%REC	Limits
Dibromofluoromethane	102	70-140
1,2-Dichloroethane-d4	93	70-140
Toluene-d8	101	70-140
Bromofluorobenzene	99	70-140

Legend

ND: Not Detected

RL: Reporting Limit

Enthalpy Analytical - Orange Analytical Report

Lab #: 469405 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	GW2	**Batch#:**	297631	**Prep:**	EPA 5030B
Lab ID:	469405-002	**Sampled:**	09/20/22	**Analysis:**	EPA 8260B
Matrix:	Water	**Received:**	09/20/22	**Analyst:**	LYZ
Dil Fac:	1.000	**Analyzed:**	09/24/22		

469405-002 Analyte	Result	RL	Units
Freon 12	ND	0.5	ug/L
Chloromethane	ND	1.0	ug/L
Vinyl Chloride	ND	0.5	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	0.5	ug/L
Trichlorofluoromethane	ND	0.5	ug/L
Acetone	ND	17	ug/L
Freon 113	ND	0.5	ug/L
1,1-Dichloroethene	ND	0.5	ug/L
Methylene Chloride	ND	10	ug/L
MTBE	ND	0.5	ug/L
trans-1,2-Dichloroethene	ND	0.5	ug/L
1,1-Dichloroethane	ND	0.5	ug/L
2-Butanone	ND	5.0	ug/L
cis-1,2-Dichloroethene	**0.6**	0.5	ug/L
2,2-Dichloropropane	ND	0.5	ug/L
Chloroform	ND	0.5	ug/L
Bromochloromethane	ND	0.5	ug/L
1,1,1-Trichloroethane	ND	0.5	ug/L
1,1-Dichloropropene	ND	0.5	ug/L
Carbon Tetrachloride	ND	0.5	ug/L
1,2-Dichloroethane	ND	0.5	ug/L
Benzene	ND	0.5	ug/L
Trichloroethene	**3.5**	0.5	ug/L
1,2-Dichloropropane	ND	0.5	ug/L
Bromodichloromethane	ND	0.5	ug/L
Dibromomethane	ND	0.5	ug/L
4-Methyl-2-Pentanone	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	0.5	ug/L
Toluene	ND	0.5	ug/L
trans-1,3-Dichloropropene	ND	0.5	ug/L
1,1,2-Trichloroethane	ND	0.5	ug/L
1,3-Dichloropropane	ND	0.5	ug/L
Tetrachloroethene	ND	0.5	ug/L
Dibromochloromethane	ND	0.5	ug/L
1,2-Dibromoethane	ND	0.5	ug/L
Chlorobenzene	ND	0.5	ug/L
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L
Ethylbenzene	ND	0.5	ug/L
m,p-Xylenes	ND	1.0	ug/L
o-Xylene	ND	0.5	ug/L

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange Analytical Report

Lab #: 469405 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469405-002 Analyte	Result	RL	Units
Styrene	ND	0.5	ug/L
Bromoform	ND	1.0	ug/L
Propylbenzene	ND	0.5	ug/L
Isopropylbenzene	ND	0.5	ug/L
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L
1,2,3-Trichloropropane	ND	0.5	ug/L
Bromobenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	0.5	ug/L
2-Chlorotoluene	ND	0.5	ug/L
4-Chlorotoluene	ND	0.5	ug/L
tert-Butylbenzene	ND	0.5	ug/L
1,2,4-Trimethylbenzene	ND	0.5	ug/L
sec-Butylbenzene	ND	0.5	ug/L
para-Isopropyl Toluene	ND	0.5	ug/L
1,3-Dichlorobenzene	ND	0.5	ug/L
1,4-Dichlorobenzene	ND	0.5	ug/L
n-Butylbenzene	ND	0.5	ug/L
1,2-Dichlorobenzene	ND	0.5	ug/L
1,2-Dibromo-3-Chloropropane	ND	2.0	ug/L
1,2,4-Trichlorobenzene	ND	0.5	ug/L
Hexachlorobutadiene	ND	2.0	ug/L
Naphthalene	ND	2.0	ug/L
1,2,3-Trichlorobenzene	ND	0.5	ug/L
Isopropyl Ether (DIPE)	ND	0.5	ug/L
Ethyl tert-Butyl Ether (ETBE)	ND	0.5	ug/L
tert-Butyl Alcohol (TBA)	ND	10	ug/L
Methyl tert-Amyl Ether (TAME)	ND	0.5	ug/L

469405-002 Surrogate	%REC	Limits
Dibromofluoromethane	105	70-140
1,2-Dichloroethane-d4	98	70-140
Toluene-d8	97	70-140
Bromofluorobenzene	99	70-140

Legend

ND: Not Detected

RL: Reporting Limit

Enthalpy Analytical - Orange Analytical Report

Lab #: 469405 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	GW3	**Batch#:**	297631	**Prep:**	EPA 5030B
Lab ID:	469405-003	**Sampled:**	09/20/22	**Analysis:**	EPA 8260B
Matrix:	Water	**Received:**	09/20/22	**Analyst:**	LYZ
Dil n Fac:	1.000	**Analyzed:**	09/24/22		

469405-003 Analyte	Result	RL	Units
Freon 12	ND	0.5	ug/L
Chloromethane	ND	1.0	ug/L
Vinyl Chloride	ND	0.5	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	0.5	ug/L
Trichlorofluoromethane	ND	0.5	ug/L
Acetone	ND	17	ug/L
Freon 113	ND	0.5	ug/L
1,1-Dichloroethene	ND	0.5	ug/L
Methylene Chloride	ND	10	ug/L
MTBE	ND	0.5	ug/L
trans-1,2-Dichloroethene	ND	0.5	ug/L
1,1-Dichloroethane	ND	0.5	ug/L
2-Butanone	ND	5.0	ug/L
cis-1,2-Dichloroethene	**1.0**	0.5	ug/L
2,2-Dichloropropane	ND	0.5	ug/L
Chloroform	ND	0.5	ug/L
Bromochloromethane	ND	0.5	ug/L
1,1,1-Trichloroethane	ND	0.5	ug/L
1,1-Dichloropropene	ND	0.5	ug/L
Carbon Tetrachloride	ND	0.5	ug/L
1,2-Dichloroethane	ND	0.5	ug/L
Benzene	ND	0.5	ug/L
Trichloroethene	**7.2**	0.5	ug/L
1,2-Dichloropropane	ND	0.5	ug/L
Bromodichloromethane	ND	0.5	ug/L
Dibromomethane	ND	0.5	ug/L
4-Methyl-2-Pentanone	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	0.5	ug/L
Toluene	ND	0.5	ug/L
trans-1,3-Dichloropropene	ND	0.5	ug/L
1,1,2-Trichloroethane	ND	0.5	ug/L
1,3-Dichloropropane	ND	0.5	ug/L
Tetrachloroethene	ND	0.5	ug/L
Dibromochloromethane	ND	0.5	ug/L
1,2-Dibromoethane	ND	0.5	ug/L
Chlorobenzene	ND	0.5	ug/L
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L
Ethylbenzene	ND	0.5	ug/L
m,p-Xylenes	ND	1.0	ug/L
o-Xylene	ND	0.5	ug/L

Enthalpy Analytical - Orange Analytical Report

Lab #: 469405 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469405-003 Analyte	Result	RL	Units
Styrene	ND	0.5	ug/L
Bromoform	ND	1.0	ug/L
Propylbenzene	ND	0.5	ug/L
Isopropylbenzene	ND	0.5	ug/L
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L
1,2,3-Trichloropropane	ND	0.5	ug/L
Bromobenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	0.5	ug/L
2-Chlorotoluene	ND	0.5	ug/L
4-Chlorotoluene	ND	0.5	ug/L
tert-Butylbenzene	ND	0.5	ug/L
1,2,4-Trimethylbenzene	ND	0.5	ug/L
sec-Butylbenzene	ND	0.5	ug/L
para-Isopropyl Toluene	ND	0.5	ug/L
1,3-Dichlorobenzene	ND	0.5	ug/L
1,4-Dichlorobenzene	ND	0.5	ug/L
n-Butylbenzene	ND	0.5	ug/L
1,2-Dichlorobenzene	ND	0.5	ug/L
1,2-Dibromo-3-Chloropropane	ND	2.0	ug/L
1,2,4-Trichlorobenzene	ND	0.5	ug/L
Hexachlorobutadiene	ND	2.0	ug/L
Naphthalene	ND	2.0	ug/L
1,2,3-Trichlorobenzene	ND	0.5	ug/L
Isopropyl Ether (DIPE)	ND	0.5	ug/L
Ethyl tert-Butyl Ether (ETBE)	ND	0.5	ug/L
tert-Butyl Alcohol (TBA)	ND	10	ug/L
Methyl tert-Amyl Ether (TAME)	ND	0.5	ug/L

469405-003 Surrogate	%REC	Limits
Dibromofluoromethane	103	70-140
1,2-Dichloroethane-d4	100	70-140
Toluene-d8	99	70-140
Bromofluorobenzene	97	70-140

Legend

ND: Not Detected

RL: Reporting Limit

Enthalpy Analytical - Orange Analytical Report

Lab #: 469405 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	GW4	**Batch#:**	297631	**Prep:**	EPA 5030B
Lab ID:	469405-004	**Sampled:**	09/20/22	**Analysis:**	EPA 8260B
Matrix:	Water	**Received:**	09/20/22	**Analyst:**	LYZ
Dil n Fac:	1.000	**Analyzed:**	09/24/22		

469405-004 Analyte	Result	RL	Units
Freon 12	ND	0.5	ug/L
Chloromethane	ND	1.0	ug/L
Vinyl Chloride	ND	0.5	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	0.5	ug/L
Trichlorofluoromethane	ND	0.5	ug/L
Acetone	ND	17	ug/L
Freon 113	ND	0.5	ug/L
1,1-Dichloroethene	ND	0.5	ug/L
Methylene Chloride	ND	10	ug/L
MTBE	ND	0.5	ug/L
trans-1,2-Dichloroethene	ND	0.5	ug/L
1,1-Dichloroethane	ND	0.5	ug/L
2-Butanone	ND	5.0	ug/L
cis-1,2-Dichloroethene	**1.3**	0.5	ug/L
2,2-Dichloropropane	ND	0.5	ug/L
Chloroform	ND	0.5	ug/L
Bromochloromethane	ND	0.5	ug/L
1,1,1-Trichloroethane	ND	0.5	ug/L
1,1-Dichloropropene	ND	0.5	ug/L
Carbon Tetrachloride	ND	0.5	ug/L
1,2-Dichloroethane	ND	0.5	ug/L
Benzene	ND	0.5	ug/L
Trichloroethene	**8.0**	0.5	ug/L
1,2-Dichloropropane	ND	0.5	ug/L
Bromodichloromethane	ND	0.5	ug/L
Dibromomethane	ND	0.5	ug/L
4-Methyl-2-Pentanone	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	0.5	ug/L
Toluene	ND	0.5	ug/L
trans-1,3-Dichloropropene	ND	0.5	ug/L
1,1,2-Trichloroethane	ND	0.5	ug/L
1,3-Dichloropropane	ND	0.5	ug/L
Tetrachloroethene	ND	0.5	ug/L
Dibromochloromethane	ND	0.5	ug/L
1,2-Dibromoethane	ND	0.5	ug/L
Chlorobenzene	ND	0.5	ug/L
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L
Ethylbenzene	ND	0.5	ug/L
m,p-Xylenes	ND	1.0	ug/L
o-Xylene	ND	0.5	ug/L

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange Analytical Report

Lab #: 469405 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469405-004 Analyte	Result	RL	Units
Styrene	ND	0.5	ug/L
Bromoform	ND	1.0	ug/L
Propylbenzene	ND	0.5	ug/L
Isopropylbenzene	ND	0.5	ug/L
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L
1,2,3-Trichloropropane	ND	0.5	ug/L
Bromobenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	0.5	ug/L
2-Chlorotoluene	ND	0.5	ug/L
4-Chlorotoluene	ND	0.5	ug/L
tert-Butylbenzene	ND	0.5	ug/L
1,2,4-Trimethylbenzene	ND	0.5	ug/L
sec-Butylbenzene	ND	0.5	ug/L
para-Isopropyl Toluene	ND	0.5	ug/L
1,3-Dichlorobenzene	ND	0.5	ug/L
1,4-Dichlorobenzene	ND	0.5	ug/L
n-Butylbenzene	ND	0.5	ug/L
1,2-Dichlorobenzene	ND	0.5	ug/L
1,2-Dibromo-3-Chloropropane	ND	2.0	ug/L
1,2,4-Trichlorobenzene	ND	0.5	ug/L
Hexachlorobutadiene	ND	2.0	ug/L
Naphthalene	ND	2.0	ug/L
1,2,3-Trichlorobenzene	ND	0.5	ug/L
Isopropyl Ether (DIPE)	ND	0.5	ug/L
Ethyl tert-Butyl Ether (ETBE)	ND	0.5	ug/L
tert-Butyl Alcohol (TBA)	ND	10	ug/L
Methyl tert-Amyl Ether (TAME)	ND	0.5	ug/L

469405-004 Surrogate	%REC	Limits
Dibromofluoromethane	101	70-140
1,2-Dichloroethane-d4	92	70-140
Toluene-d8	100	70-140
Bromofluorobenzene	99	70-140

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469405 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **Diln Fac:** 1.000 **Prep:** EPA 5030B

Lab ID: QC1014966 **Batch#:** 297631 **Analysis:** EPA 8260B

Matrix: Water **Analyzed:** 09/24/22 **Analyst:** LYZ

QC1014966 Analyte	Result	RL	Units
Freon 12	ND	0.5	ug/L
Chloromethane	ND	1.0	ug/L
Vinyl Chloride	ND	0.5	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	0.5	ug/L
Trichlorofluoromethane	ND	0.5	ug/L
Acetone	ND	17	ug/L
Freon 113	ND	0.5	ug/L
1,1-Dichloroethene	ND	0.5	ug/L
Methylene Chloride	ND	10	ug/L
MTBE	ND	0.5	ug/L
trans-1,2-Dichloroethene	ND	0.5	ug/L
1,1-Dichloroethane	ND	0.5	ug/L
2-Butanone	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	0.5	ug/L
2,2-Dichloropropane	ND	0.5	ug/L
Chloroform	ND	0.5	ug/L
Bromochloromethane	ND	0.5	ug/L
1,1,1-Trichloroethane	ND	0.5	ug/L
1,1-Dichloropropene	ND	0.5	ug/L
Carbon Tetrachloride	ND	0.5	ug/L
1,2-Dichloroethane	ND	0.5	ug/L
Benzene	ND	0.5	ug/L
Trichloroethene	ND	0.5	ug/L
1,2-Dichloropropane	ND	0.5	ug/L
Bromodichloromethane	ND	0.5	ug/L
Dibromomethane	ND	0.5	ug/L
4-Methyl-2-Pentanone	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	0.5	ug/L
Toluene	ND	0.5	ug/L
trans-1,3-Dichloropropene	ND	0.5	ug/L
1,1,2-Trichloroethane	ND	0.5	ug/L
1,3-Dichloropropane	ND	0.5	ug/L
Tetrachloroethene	ND	0.5	ug/L
Dibromochloromethane	ND	0.5	ug/L
1,2-Dibromoethane	ND	0.5	ug/L
Chlorobenzene	ND	0.5	ug/L
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L
Ethylbenzene	ND	0.5	ug/L
m,p-Xylenes	ND	1.0	ug/L
o-Xylene	ND	0.5	ug/L
Styrene	ND	0.5	ug/L

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469405 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1014966 Analyte	Result	RL	Units
Bromoform	ND	1.0	ug/L
Propylbenzene	ND	0.5	ug/L
Isopropylbenzene	ND	0.5	ug/L
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L
1,2,3-Trichloropropane	ND	0.5	ug/L
Bromobenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	0.5	ug/L
2-Chlorotoluene	ND	0.5	ug/L
4-Chlorotoluene	ND	0.5	ug/L
tert-Butylbenzene	ND	0.5	ug/L
1,2,4-Trimethylbenzene	ND	0.5	ug/L
sec-Butylbenzene	ND	0.5	ug/L
para-Isopropyl Toluene	ND	0.5	ug/L
1,3-Dichlorobenzene	ND	0.5	ug/L
1,4-Dichlorobenzene	ND	0.5	ug/L
n-Butylbenzene	ND	0.5	ug/L
1,2-Dichlorobenzene	ND	0.5	ug/L
1,2-Dibromo-3-Chloropropane	ND	2.0	ug/L
1,2,4-Trichlorobenzene	ND	0.5	ug/L
Hexachlorobutadiene	ND	2.0	ug/L
Naphthalene	ND	2.0	ug/L
1,2,3-Trichlorobenzene	ND	0.5	ug/L
Isopropyl Ether (DIPE)	ND	0.5	ug/L
Ethyl tert-Butyl Ether (ETBE)	ND	0.5	ug/L
tert-Butyl Alcohol (TBA)	ND	10	ug/L
Methyl tert-Amyl Ether (TAME)	ND	0.5	ug/L

QC1014966 Surrogate	%REC	Limits
Dibromofluoromethane	103	70-140
1,2-Dichloroethane-d4	96	70-140
Toluene-d8	98	70-140
Bromofluorobenzene	99	70-140

Legend

ND: Not Detected

RL: Reporting Limit

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469405 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **Dil'n Fac:** 1.000 **Prep:** EPA 5030B

Lab ID: QC1014967 **Batch#:** 297631 **Analysis:** EPA 8260B

Matrix: Water **Analyzed:** 09/23/22 **Analyst:** LYZ

QC1014967 Analyte	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	50.00	53.67	107	70-135	ug/L
MTBE	50.00	50.88	102	70-130	ug/L
Benzene	50.00	46.76	94	70-130	ug/L
Trichloroethene	50.00	44.39	89	70-130	ug/L
Toluene	50.00	44.93	90	70-130	ug/L
Chlorobenzene	50.00	46.53	93	70-130	ug/L

QC1014967 Surrogate	%REC	Limits
Dibromofluoromethane	104	70-140
1,2-Dichloroethane-d4	100	70-140
Toluene-d8	96	70-140
Bromofluorobenzene	98	70-140

Type: BSD **Dil'n Fac:** 1.000 **Prep:** EPA 5030B

Lab ID: QC1014968 **Batch#:** 297631 **Analysis:** EPA 8260B

Matrix: Water **Analyzed:** 09/23/22 **Analyst:** LYZ

QC1014968 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	50.00	46.98	94	70-135	ug/L	13	30
MTBE	50.00	46.98	94	70-130	ug/L	8	30
Benzene	50.00	42.37	85	70-130	ug/L	10	30
Trichloroethene	50.00	40.72	81	70-130	ug/L	9	30
Toluene	50.00	40.43	81	70-130	ug/L	11	30
Chlorobenzene	50.00	42.27	85	70-130	ug/L	10	30

QC1014968 Surrogate	%REC	Limits
Dibromofluoromethane	111	70-140
1,2-Dichloroethane-d4	94	70-140
Toluene-d8	97	70-140
Bromofluorobenzene	98	70-140

Legend

RPD: Relative Percent Difference

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number:	469476
Report Level:	II
Report Date:	09/28/2022

Analytical Report *prepared for:*

Jeremy Wilson
Rosso Environmental, Inc.
PO Box 1923
Lafayette, CA 94549

Project: 22-0013.01 - Palo Alto

Authorized for release by:

Sophia Baughman, Project Manager
sophia.baughman@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Jeremy Wilson
Rosso Environmental, Inc.
PO Box 1923
Lafayette, CA 94549

Lab Job #:	469476
Project No:	22-0013.01
Location:	Palo Alto
Date Received:	09/21/22

Sample ID	Lab ID	Collected	Matrix
SV-1 5'	469476-001	09/21/22 08:54	Air
SV-1 15'	469476-002	09/21/22 09:03	Air
SV-2 5'	469476-003	09/21/22 09:43	Air
SV-2 15'	469476-004	09/21/22 10:03	Air
SV-5 5'	469476-005	09/21/22 09:18	Air
SV-5 15'	469476-006	09/21/22 09:27	Air
SV-4 5'	469476-007	09/21/22 10:48	Air
SV-4 15'	469476-008	09/21/22 10:57	Air
SV-9 5'	469476-009	09/21/22 11:14	Air
SV-9 15'	469476-010	09/21/22 11:35	Air
SV-3 5'	469476-011	09/21/22 11:51	Air
SV-3 15'	469476-012	09/21/22 12:06	Air
SV-6 5'	469476-013	09/21/22 12:47	Air
SV-6 15'	469476-014	09/21/22 12:57	Air
SV-7 5'	469476-015	09/21/22 13:17	Air
SV-7 15'	469476-016	09/21/22 13:48	Air
SV-8 5'	469476-017	09/21/22 13:42	Air
SV-8 15'	469476-018	09/21/22 14:15	Air

ENTHALPY ANALYTICAL

Case Narrative

Rosso Environmental, Inc. PO Box 1923 Lafayette, CA 94549 Jeremy Wilson	Lab Job Number: 469476 Project No: 22-0013.01 Location: Palo Alto Date Received: 09/21/22

This data package contains sample and QC results for eighteen air samples, requested for the above referenced project on 09/21/22. The samples were received intact.

Volatile Organics in Air by MS (EPA TO-15):

- Low surrogate recovery was observed for bromofluorobenzene in the method blank for batch 297620.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Air Chain of Custody Record

Lab No: 469476

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Special Instructions:

CUSTOMER INFORMATION

Company:	Rosso Environmental
Report To:	J. Wilson
Email:	Jwilson@rossoenv.com
Address:	
Phone:	415 883 9067
Fax:	

PROJECT INFORMATION

Name:	Palo Alto
Number:	22-0013.01
P.O. #:	
Address:	
Global ID:	
Sampled By:	J. Wilson

	Sample ID	Source	Equipment Information			Sampling Information						Analysis Requested
		(I) Indoor (A) Ambient (SV) Soil Vapor	Canister ID	Size (6L or 1L)	Flow Controller ID	Sample Start Date	Sample Start Time	Vacuum Start ("Hg)	Sample End Date	Sample End Time	Vacuum End ("Hg)	VOCs TO-15
1	SV-1 5'	SV	C10424	1	A10359	9/21/22	8:46	-28	9/21/20	8:54	-4	X
2	SV-1 15'	↓	C10017	↓	A10024	↓	8:56	-29	↓	9:03	-4	X
3	SV-2 5'		C10436		A10044		9:36	-26		9:43	-4	X
4	SV-2 15'		C10266		A10203		945	-30		10:03	-5	X
5	SV-5 5'		C10392		A10274		9:11	-29		9:18	-4	X
6	SV-5 15'		C10180		A10046		9:20	-28		9:27	-5	X
7	SV-4 8'		C10187		A10069		10:41	-29		1048	-4	X
8	SV-4 15'		C10395		A10390	1051	1051	-30		1057	-4	X
9	SV-9 8'		C10042		A10229		11:06	-30		11:14	-4	X
10	SV-9 15'	↓	C10403	↓	A10183	↓	11:16	-29	↓	11:35	-5	X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Jeremy Wilson	Rosso	9-21-22 1650
1 Received By:			EA	9/21/22 1650
2 Relinquished By:		Lisa Forman	EA	9/21/22 1731
2 Received By:		yantin	ea	9/22/2022 @ 08:41
3 Relinquished By:				

ENTHALPY ANALYTICAL

Air Chain of Custody Record

Lab No: 469476

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Special Instructions:

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rosso Environmental	Name:	Palo Alto
Report To:	J. Wilson	Number:	22-0013.01
Email:	jwilson@rossoenv.com	P.O. #:	
Address:		Address:	
Phone:	415 583 9067	Global ID:	
Fax:		Sampled By:	J. Wilson

	Sample ID	Source	Equipment Information			Sampling Information						Analysis Requested
		(I) Indoor (A) Ambient (SV) Soil Vapor	Canister ID	Size (6L or 1L)	Flow Controller ID	Sample Start Date	Sample Start Time	Vacuum Start ("Hg)	Sample End Date	Sample End Time	Vacuum End ("Hg)	VOCs TO-15
1	SV-3 5'	SV	C10012	1	A10049	9/21/22	11:45	-27	9/21/22	11:81	-4	X
2	SV-3 15'		C10261		A10012		1158	-30		12:06	-5	X
3	SV-6 5'		C10226		A0094		1238	-29		1247	-5	X
4	SV-6 15'		C10451		A10126		1250	-30		1257	-4	X
5	SV-7 5'		C10022		A10106		1305	-28		1317	-5	X
6	SV-7 15'		C10183		A10249		1318	-30		1348	-7	X
7	SV-8 5'		C10486		A10240		1334	-28		1342	-2	X
8	SV 8 15'		C10269		A10342		1344	-30		1415	-0.5	X
9												
10												

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jeremy Wilson	Rosso	9-21-22 1650
[1] Received By:		[illegible]	SK	9/21/22 1650
[2] Relinquished By:		Lisa Perry	EA	9/21/22 17:31
[2] Received By:		[illegible]	EA	9/22/2022 08:41
[3] Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rosso Environmental, Inc. Project: Palo alto

Date Received: 9/22/2022 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☐ Yes, How many? _____ ☑ No (skip section 2) Sample Temp (°C) (No Cooler): AMB

Sample Temp (°C), One from each cooler: #1: _____ #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Greyhound

Section 3

Was the cooler packed with: ☐ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: – #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: Yanith Date: 9/22/2022


PACKAGE
EXPRESS
A8672367B
LBLBC-GPX (REV 11/19'

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-1 5'	**Batch#:**	297531	**Prep:**	METHOD
Lab ID:	469476-001	**Sampled:**	09/21/22 08:54	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	1.500	**Analyzed:**	09/22/22 20:32		

469476-001 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3
Freon 12	**0.40**	0.30	ppbv	**2.0**	1.5	ug/m3
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3
Chloromethane	ND	0.30	ppbv	ND	0.62	ug/m3
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3
Bromomethane	ND	0.30	ppbv	ND	1.2	ug/m3
Chloroethane	ND	0.30	ppbv	ND	0.79	ug/m3
Trichlorofluoromethane	ND	0.30	ppbv	ND	1.7	ug/m3
1,1-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
Freon 113	ND	0.30	ppbv	ND	2.3	ug/m3
Acetone	**14**	1.5	ppbv	**33**	3.6	ug/m3
Carbon Disulfide	**1.1**	0.30	ppbv	**3.3**	0.93	ug/m3
Isopropanol (IPA)	ND	1.5	ppbv	ND	3.7	ug/m3
Methylene Chloride	**0.70**	0.30	ppbv	**2.4**	1.0	ug/m3
trans-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3
n-Hexane	**1.1**	0.30	ppbv	**3.8**	1.1	ug/m3
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
2-Butanone	**3.4**	1.5	ppbv	**10**	4.4	ug/m3
Chloroform	ND	0.30	ppbv	ND	1.5	ug/m3
1,1,1-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3
Benzene	**1.4**	0.30	ppbv	**4.4**	0.96	ug/m3
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Trichloroethene	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
4-Methyl-2-Pentanone	**0.91**	0.30	ppbv	**3.7**	1.2	ug/m3
Toluene	**1.9**	0.30	ppbv	**7.0**	1.1	ug/m3
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Tetrachloroethene	ND	0.30	ppbv	ND	2.0	ug/m3
2-Hexanone	ND	0.75	ppbv	ND	3.1	ug/m3
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3
Ethylbenzene	ND	0.30	ppbv	ND	1.3	ug/m3
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-001 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	ND	0.60	ppbv	ND	2.6	ug/m3
o-Xylene	ND	0.30	ppbv	ND	1.3	ug/m3
Styrene	ND	0.30	ppbv	ND	1.3	ug/m3
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
4-Ethyltoluene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,2,4-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3
Xylene (total)	ND	0.30	ppbv	ND	1.3	ug/m3

469476-001 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	87	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-1 15'	**Batch#:**	297531	**Prep:**	METHOD
Lab ID:	469476-002	**Sampled:**	09/21/22 09:03	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	1.500	**Analyzed:**	09/23/22 06:57		

469476-002 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3
Freon 12	**0.47**	0.30	ppbv	**2.3**	1.5	ug/m3
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3
Chloromethane	ND	0.30	ppbv	ND	0.62	ug/m3
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3
Bromomethane	ND	0.30	ppbv	ND	1.2	ug/m3
Chloroethane	ND	0.30	ppbv	ND	0.79	ug/m3
Trichlorofluoromethane	**0.32**	0.30	ppbv	**1.8**	1.7	ug/m3
1,1-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
Freon 113	ND	0.30	ppbv	ND	2.3	ug/m3
Acetone	**13**	1.5	ppbv	**32**	3.6	ug/m3
Carbon Disulfide	**2.2**	0.30	ppbv	**6.8**	0.93	ug/m3
Isopropanol (IPA)	ND	1.5	ppbv	ND	3.7	ug/m3
Methylene Chloride	ND	0.30	ppbv	ND	1.0	ug/m3
trans-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3
n-Hexane	**2.6**	0.30	ppbv	**9.1**	1.1	ug/m3
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
2-Butanone	**2.1**	1.5	ppbv	**6.3**	4.4	ug/m3
Chloroform	ND	0.30	ppbv	ND	1.5	ug/m3
1,1,1-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3
Benzene	**1.9**	0.30	ppbv	**6.1**	0.96	ug/m3
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Trichloroethene	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
4-Methyl-2-Pentanone	**0.36**	0.30	ppbv	**1.5**	1.2	ug/m3
Toluene	**1.9**	0.30	ppbv	**7.2**	1.1	ug/m3
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Tetrachloroethene	ND	0.30	ppbv	ND	2.0	ug/m3
2-Hexanone	ND	0.75	ppbv	ND	3.1	ug/m3
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3
Ethylbenzene	ND	0.30	ppbv	ND	1.3	ug/m3
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-002 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	ND	0.60	ppbv	ND	2.6	ug/m3
o-Xylene	ND	0.30	ppbv	ND	1.3	ug/m3
Styrene	ND	0.30	ppbv	ND	1.3	ug/m3
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
4-Ethyltoluene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,2,4-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3
Xylene (total)	ND	0.30	ppbv	ND	1.3	ug/m3

469476-002 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	81	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-2 5'	**Batch#:**	297531	**Prep:**	METHOD
Lab ID:	469476-003	**Sampled:**	09/21/22 09:43	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	2.000	**Analyzed:**	09/23/22 09:51		

469476-003 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	2.0	ppbv	ND	5.4	ug/m3
Freon 12	ND	0.40	ppbv	ND	2.0	ug/m3
Freon 114	ND	0.40	ppbv	ND	2.8	ug/m3
Chloromethane	ND	0.40	ppbv	ND	0.83	ug/m3
Vinyl Chloride	ND	0.40	ppbv	ND	1.0	ug/m3
Bromomethane	ND	0.40	ppbv	ND	1.6	ug/m3
Chloroethane	ND	0.40	ppbv	ND	1.1	ug/m3
Trichlorofluoromethane	ND	0.40	ppbv	ND	2.2	ug/m3
1,1-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3
Freon 113	ND	0.40	ppbv	ND	3.1	ug/m3
Acetone	**17**	2.0	ppbv	**40**	4.8	ug/m3
Carbon Disulfide	**7.3**	0.40	ppbv	**23**	1.2	ug/m3
Isopropanol (IPA)	ND	2.0	ppbv	ND	4.9	ug/m3
Methylene Chloride	ND	0.40	ppbv	ND	1.4	ug/m3
trans-1,2-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3
MTBE	ND	0.40	ppbv	ND	1.4	ug/m3
n-Hexane	**12**	0.40	ppbv	**42**	1.4	ug/m3
1,1-Dichloroethane	ND	0.40	ppbv	ND	1.6	ug/m3
Vinyl Acetate	ND	2.0	ppbv	ND	7.0	ug/m3
cis-1,2-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3
2-Butanone	**2.9**	2.0	ppbv	**8.7**	5.9	ug/m3
Chloroform	**2.3**	0.40	ppbv	**11**	2.0	ug/m3
1,1,1-Trichloroethane	ND	0.40	ppbv	ND	2.2	ug/m3
Carbon Tetrachloride	ND	0.40	ppbv	ND	2.5	ug/m3
Benzene	**12**	0.40	ppbv	**37**	1.3	ug/m3
1,2-Dichloroethane	ND	0.40	ppbv	ND	1.6	ug/m3
Trichloroethene	**0.47**	0.40	ppbv	**2.5**	2.1	ug/m3
1,2-Dichloropropane	ND	0.40	ppbv	ND	1.8	ug/m3
Bromodichloromethane	ND	0.40	ppbv	ND	2.7	ug/m3
cis-1,3-Dichloropropene	ND	0.40	ppbv	ND	1.8	ug/m3
4-Methyl-2-Pentanone	**12**	0.40	ppbv	**49**	1.6	ug/m3
Toluene	**52**	0.40	ppbv	**200**	1.5	ug/m3
trans-1,3-Dichloropropene	ND	0.40	ppbv	ND	1.8	ug/m3
1,1,2-Trichloroethane	ND	0.40	ppbv	ND	2.2	ug/m3
Tetrachloroethene	**10**	0.40	ppbv	**71**	2.7	ug/m3
2-Hexanone	ND	1.0	ppbv	ND	4.1	ug/m3
Dibromochloromethane	ND	0.40	ppbv	ND	3.4	ug/m3
1,2-Dibromoethane	ND	0.40	ppbv	ND	3.1	ug/m3
Chlorobenzene	ND	0.40	ppbv	ND	1.8	ug/m3
Ethylbenzene	**8.4**	0.40	ppbv	**37**	1.7	ug/m3
Naphthalene	ND	2.0	ppbv	ND	10	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-003 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**40**	0.80	ppbv	**170**	3.5	ug/m3
o-Xylene	**9.0**	0.40	ppbv	**39**	1.7	ug/m3
Styrene	ND	0.40	ppbv	ND	1.7	ug/m3
Bromoform	ND	0.40	ppbv	ND	4.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.40	ppbv	ND	2.7	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.40	ppbv	ND	2.7	ug/m3
4-Ethyltoluene	**2.6**	0.40	ppbv	**13**	2.0	ug/m3
1,3,5-Trimethylbenzene	**3.4**	0.40	ppbv	**17**	2.0	ug/m3
1,2,4-Trimethylbenzene	**7.5**	0.40	ppbv	**37**	2.0	ug/m3
1,3-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3
1,4-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3
Benzyl chloride	ND	0.40	ppbv	ND	2.1	ug/m3
1,2-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3
1,2,4-Trichlorobenzene	ND	0.40	ppbv	ND	3.0	ug/m3
Hexachlorobutadiene	ND	0.40	ppbv	ND	4.3	ug/m3
Xylene (total)	**49**	0.40	ppbv	**210**	1.7	ug/m3

469476-003 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	90	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-2 15'	**Batch#:**	297531	**Prep:**	METHOD
Lab ID:	469476-004	**Sampled:**	09/21/22 10:03	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	2.000	**Analyzed:**	09/23/22 10:45		

469476-004 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	2.0	ppbv	ND	5.4	ug/m3
Freon 12	**0.40**	0.40	ppbv	**2.0**	2.0	ug/m3
Freon 114	ND	0.40	ppbv	ND	2.8	ug/m3
Chloromethane	ND	0.40	ppbv	ND	0.83	ug/m3
Vinyl Chloride	ND	0.40	ppbv	ND	1.0	ug/m3
Bromomethane	ND	0.40	ppbv	ND	1.6	ug/m3
Chloroethane	ND	0.40	ppbv	ND	1.1	ug/m3
Trichlorofluoromethane	ND	0.40	ppbv	ND	2.2	ug/m3
1,1-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3
Freon 113	**0.53**	0.40	ppbv	**4.0**	3.1	ug/m3
Acetone	**80**	2.0	ppbv	**190**	4.8	ug/m3
Carbon Disulfide	**14**	0.40	ppbv	**43**	1.2	ug/m3
Isopropanol (IPA)	ND	2.0	ppbv	ND	4.9	ug/m3
Methylene Chloride	ND	0.40	ppbv	ND	1.4	ug/m3
trans-1,2-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3
MTBE	ND	0.40	ppbv	ND	1.4	ug/m3
n-Hexane	**21**	0.40	ppbv	**73**	1.4	ug/m3
1,1-Dichloroethane	ND	0.40	ppbv	ND	1.6	ug/m3
Vinyl Acetate	ND	2.0	ppbv	ND	7.0	ug/m3
cis-1,2-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3
2-Butanone	**15**	2.0	ppbv	**43**	5.9	ug/m3
Chloroform	ND	0.40	ppbv	ND	2.0	ug/m3
1,1,1-Trichloroethane	ND	0.40	ppbv	ND	2.2	ug/m3
Carbon Tetrachloride	ND	0.40	ppbv	ND	2.5	ug/m3
Benzene	**18**	0.40	ppbv	**56**	1.3	ug/m3
1,2-Dichloroethane	ND	0.40	ppbv	ND	1.6	ug/m3
Trichloroethene	**3.3**	0.40	ppbv	**18**	2.1	ug/m3
1,2-Dichloropropane	ND	0.40	ppbv	ND	1.8	ug/m3
Bromodichloromethane	ND	0.40	ppbv	ND	2.7	ug/m3
cis-1,3-Dichloropropene	ND	0.40	ppbv	ND	1.8	ug/m3
4-Methyl-2-Pentanone	**35**	0.40	ppbv	**140**	1.6	ug/m3
Toluene	**57**	0.40	ppbv	**210**	1.5	ug/m3
trans-1,3-Dichloropropene	ND	0.40	ppbv	ND	1.8	ug/m3
1,1,2-Trichloroethane	ND	0.40	ppbv	ND	2.2	ug/m3
Tetrachloroethene	**11**	0.40	ppbv	**75**	2.7	ug/m3
2-Hexanone	**1.3**	1.0	ppbv	**5.3**	4.1	ug/m3
Dibromochloromethane	ND	0.40	ppbv	ND	3.4	ug/m3
1,2-Dibromoethane	ND	0.40	ppbv	ND	3.1	ug/m3
Chlorobenzene	ND	0.40	ppbv	ND	1.8	ug/m3
Ethylbenzene	**5.5**	0.40	ppbv	**24**	1.7	ug/m3
Naphthalene	ND	2.0	ppbv	ND	10	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-004 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**19**	0.80	ppbv	**81**	3.5	ug/m3
o-Xylene	**4.3**	0.40	ppbv	**19**	1.7	ug/m3
Styrene	ND	0.40	ppbv	ND	1.7	ug/m3
Bromoform	ND	0.40	ppbv	ND	4.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.40	ppbv	ND	2.7	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.40	ppbv	ND	2.7	ug/m3
4-Ethyltoluene	**1.0**	0.40	ppbv	**4.9**	2.0	ug/m3
1,3,5-Trimethylbenzene	**0.91**	0.40	ppbv	**4.5**	2.0	ug/m3
1,2,4-Trimethylbenzene	**2.5**	0.40	ppbv	**12**	2.0	ug/m3
1,3-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3
1,4-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3
Benzyl chloride	ND	0.40	ppbv	ND	2.1	ug/m3
1,2-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3
1,2,4-Trichlorobenzene	ND	0.40	ppbv	ND	3.0	ug/m3
Hexachlorobutadiene	ND	0.40	ppbv	ND	4.3	ug/m3
Xylene (total)	**23**	0.40	ppbv	**100**	1.7	ug/m3

469476-004 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	87	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-5 5'	**Batch#:**	297531	**Prep:**	METHOD
Lab ID:	469476-005	**Sampled:**	09/21/22 09:18	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	1.500	**Analyzed:**	09/22/22 22:54		

469476-005 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3
Freon 12	**0.40**	0.30	ppbv	**2.0**	1.5	ug/m3
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3
Chloromethane	ND	0.30	ppbv	ND	0.62	ug/m3
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3
Bromomethane	ND	0.30	ppbv	ND	1.2	ug/m3
Chloroethane	ND	0.30	ppbv	ND	0.79	ug/m3
Trichlorofluoromethane	ND	0.30	ppbv	ND	1.7	ug/m3
1,1-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
Freon 113	**1.5**	0.30	ppbv	**11**	2.3	ug/m3
Acetone	**20**	1.5	ppbv	**49**	3.6	ug/m3
Carbon Disulfide	**2.1**	0.30	ppbv	**6.5**	0.93	ug/m3
Isopropanol (IPA)	ND	1.5	ppbv	ND	3.7	ug/m3
Methylene Chloride	**0.34**	0.30	ppbv	**1.2**	1.0	ug/m3
trans-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3
n-Hexane	**1.1**	0.30	ppbv	**3.8**	1.1	ug/m3
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
2-Butanone	**3.8**	1.5	ppbv	**11**	4.4	ug/m3
Chloroform	**0.49**	0.30	ppbv	**2.4**	1.5	ug/m3
1,1,1-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3
Benzene	**5.6**	0.30	ppbv	**18**	0.96	ug/m3
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Trichloroethene	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
4-Methyl-2-Pentanone	**2.4**	0.30	ppbv	**9.7**	1.2	ug/m3
Toluene	**8.2**	0.30	ppbv	**31**	1.1	ug/m3
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Tetrachloroethene	**18**	0.30	ppbv	**120**	2.0	ug/m3
2-Hexanone	ND	0.75	ppbv	ND	3.1	ug/m3
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3
Ethylbenzene	**0.57**	0.30	ppbv	**2.5**	1.3	ug/m3
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-005 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**2.7**	0.60	ppbv	**12**	2.6	ug/m3
o-Xylene	**0.73**	0.30	ppbv	**3.2**	1.3	ug/m3
Styrene	**0.73**	0.30	ppbv	**3.1**	1.3	ug/m3
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
4-Ethyltoluene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,2,4-Trimethylbenzene	**0.50**	0.30	ppbv	**2.5**	1.5	ug/m3
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3
Xylene (total)	**3.4**	0.30	ppbv	**15**	1.3	ug/m3

469476-005 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	84	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-5 15'	**Batch#:**	297531	**Prep:**	METHOD
Lab ID:	469476-006	**Sampled:**	09/21/22 09:27	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	1.500	**Analyzed:**	09/22/22 23:46		

469476-006 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3
Freon 12	**0.46**	0.30	ppbv	**2.3**	1.5	ug/m3
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3
Chloromethane	ND	0.30	ppbv	ND	0.62	ug/m3
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3
Bromomethane	ND	0.30	ppbv	ND	1.2	ug/m3
Chloroethane	ND	0.30	ppbv	ND	0.79	ug/m3
Trichlorofluoromethane	ND	0.30	ppbv	ND	1.7	ug/m3
1,1-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
Freon 113	**3.1**	0.30	ppbv	**24**	2.3	ug/m3
Acetone	**5.3**	1.5	ppbv	**13**	3.6	ug/m3
Carbon Disulfide	**3.1**	0.30	ppbv	**9.8**	0.93	ug/m3
Isopropanol (IPA)	ND	1.5	ppbv	ND	3.7	ug/m3
Methylene Chloride	ND	0.30	ppbv	ND	1.0	ug/m3
trans-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3
n-Hexane	**7.6**	0.30	ppbv	**27**	1.1	ug/m3
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
2-Butanone	ND	1.5	ppbv	ND	4.4	ug/m3
Chloroform	ND	0.30	ppbv	ND	1.5	ug/m3
1,1,1-Trichloroethane	**0.34**	0.30	ppbv	**1.8**	1.6	ug/m3
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3
Benzene	**6.3**	0.30	ppbv	**20**	0.96	ug/m3
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Trichloroethene	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
4-Methyl-2-Pentanone	ND	0.30	ppbv	ND	1.2	ug/m3
Toluene	**5.3**	0.30	ppbv	**20**	1.1	ug/m3
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Tetrachloroethene	**19**	0.30	ppbv	**130**	2.0	ug/m3
2-Hexanone	ND	0.75	ppbv	ND	3.1	ug/m3
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3
Ethylbenzene	**0.37**	0.30	ppbv	**1.6**	1.3	ug/m3
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-006 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**1.1**	0.60	ppbv	**4.7**	2.6	ug/m3
o-Xylene	**0.48**	0.30	ppbv	**2.1**	1.3	ug/m3
Styrene	ND	0.30	ppbv	ND	1.3	ug/m3
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
4-Ethyltoluene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,2,4-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3
Xylene (total)	**1.6**	0.30	ppbv	**6.8**	1.3	ug/m3

469476-006 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	94	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-4 5'	**Batch#:**	297531	**Prep:**	METHOD
Lab ID:	469476-007	**Sampled:**	09/21/22 10:48	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	1.500	**Analyzed:**	09/23/22 00:38		

469476-007 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3
Freon 12	**0.40**	0.30	ppbv	**2.0**	1.5	ug/m3
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3
Chloromethane	ND	0.30	ppbv	ND	0.62	ug/m3
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3
Bromomethane	ND	0.30	ppbv	ND	1.2	ug/m3
Chloroethane	ND	0.30	ppbv	ND	0.79	ug/m3
Trichlorofluoromethane	ND	0.30	ppbv	ND	1.7	ug/m3
1,1-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
Freon 113	ND	0.30	ppbv	ND	2.3	ug/m3
Acetone	**23**	1.5	ppbv	**54**	3.6	ug/m3
Carbon Disulfide	**2.1**	0.30	ppbv	**6.5**	0.93	ug/m3
Isopropanol (IPA)	ND	1.5	ppbv	ND	3.7	ug/m3
Methylene Chloride	**0.56**	0.30	ppbv	**1.9**	1.0	ug/m3
trans-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3
n-Hexane	**3.5**	0.30	ppbv	**12**	1.1	ug/m3
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
2-Butanone	**5.4**	1.5	ppbv	**16**	4.4	ug/m3
Chloroform	ND	0.30	ppbv	ND	1.5	ug/m3
1,1,1-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3
Benzene	**2.4**	0.30	ppbv	**7.7**	0.96	ug/m3
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Trichloroethene	**0.85**	0.30	ppbv	**4.5**	1.6	ug/m3
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
4-Methyl-2-Pentanone	**3.2**	0.30	ppbv	**13**	1.2	ug/m3
Toluene	**3.8**	0.30	ppbv	**14**	1.1	ug/m3
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Tetrachloroethene	**0.43**	0.30	ppbv	**2.9**	2.0	ug/m3
2-Hexanone	**0.85**	0.75	ppbv	**3.5**	3.1	ug/m3
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3
Ethylbenzene	**0.32**	0.30	ppbv	**1.4**	1.3	ug/m3
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-007 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**0.75**	0.60	ppbv	**3.3**	2.6	ug/m3
o-Xylene	ND	0.30	ppbv	ND	1.3	ug/m3
Styrene	ND	0.30	ppbv	ND	1.3	ug/m3
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
4-Ethyltoluene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,2,4-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3
Xylene (total)	**0.75**	0.30	ppbv	**3.3**	1.3	ug/m3

469476-007 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	82	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-4 15'	**Batch#:**	297531	**Prep:**	METHOD
Lab ID:	469476-008	**Sampled:**	09/21/22 10:57	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	1.500	**Analyzed:**	09/23/22 01:31		

469476-008 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3
Freon 12	**0.39**	0.30	ppbv	**1.9**	1.5	ug/m3
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3
Chloromethane	**2.0**	0.30	ppbv	**4.2**	0.62	ug/m3
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3
Bromomethane	**0.34**	0.30	ppbv	**1.3**	1.2	ug/m3
Chloroethane	**0.43**	0.30	ppbv	**1.1**	0.79	ug/m3
Trichlorofluoromethane	ND	0.30	ppbv	ND	1.7	ug/m3
1,1-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
Freon 113	ND	0.30	ppbv	ND	2.3	ug/m3
Acetone	**24**	1.5	ppbv	**57**	3.6	ug/m3
Carbon Disulfide	**5.3**	0.30	ppbv	**16**	0.93	ug/m3
Isopropanol (IPA)	ND	1.5	ppbv	ND	3.7	ug/m3
Methylene Chloride	**0.64**	0.30	ppbv	**2.2**	1.0	ug/m3
trans-1,2-Dichloroethene	**0.48**	0.30	ppbv	**1.9**	1.2	ug/m3
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3
n-Hexane	**6.5**	0.30	ppbv	**23**	1.1	ug/m3
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
2-Butanone	**5.9**	1.5	ppbv	**17**	4.4	ug/m3
Chloroform	ND	0.30	ppbv	ND	1.5	ug/m3
1,1,1-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3
Benzene	**3.2**	0.30	ppbv	**10**	0.96	ug/m3
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Trichloroethene	**10**	0.30	ppbv	**54**	1.6	ug/m3
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
4-Methyl-2-Pentanone	**1.6**	0.30	ppbv	**6.6**	1.2	ug/m3
Toluene	**3.4**	0.30	ppbv	**13**	1.1	ug/m3
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Tetrachloroethene	**0.35**	0.30	ppbv	**2.4**	2.0	ug/m3
2-Hexanone	**1.0**	0.75	ppbv	**4.2**	3.1	ug/m3
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3
Ethylbenzene	ND	0.30	ppbv	ND	1.3	ug/m3
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-008 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**0.66**	0.60	ppbv	**2.9**	2.6	ug/m3
o-Xylene	ND	0.30	ppbv	ND	1.3	ug/m3
Styrene	ND	0.30	ppbv	ND	1.3	ug/m3
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
4-Ethyltoluene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,2,4-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3
Xylene (total)	**0.66**	0.30	ppbv	**2.9**	1.3	ug/m3

469476-008 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	91	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-9 5'	**Batch#:**	297531	**Prep:**	METHOD
Lab ID:	469476-009	**Sampled:**	09/21/22 11:14	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	9.375	**Analyzed:**	09/23/22 02:15		

469476-009 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	9.4	ppbv	ND	25	ug/m3
Freon 12	ND	1.9	ppbv	ND	9.3	ug/m3
Freon 114	ND	1.9	ppbv	ND	13	ug/m3
Chloromethane	ND	1.9	ppbv	ND	3.9	ug/m3
Vinyl Chloride	ND	1.9	ppbv	ND	4.8	ug/m3
Bromomethane	ND	1.9	ppbv	ND	7.3	ug/m3
Chloroethane	ND	1.9	ppbv	ND	4.9	ug/m3
Trichlorofluoromethane	ND	1.9	ppbv	ND	11	ug/m3
1,1-Dichloroethene	ND	1.9	ppbv	ND	7.4	ug/m3
Freon 113	ND	1.9	ppbv	ND	14	ug/m3
Acetone	**220**	9.4	ppbv	**530**	22	ug/m3
Carbon Disulfide	**72**	1.9	ppbv	**220**	5.8	ug/m3
Isopropanol (IPA)	ND	9.4	ppbv	ND	23	ug/m3
Methylene Chloride	ND	1.9	ppbv	ND	6.5	ug/m3
trans-1,2-Dichloroethene	ND	1.9	ppbv	ND	7.4	ug/m3
MTBE	ND	1.9	ppbv	ND	6.8	ug/m3
n-Hexane	**26**	1.9	ppbv	**91**	6.6	ug/m3
1,1-Dichloroethane	ND	1.9	ppbv	ND	7.6	ug/m3
Vinyl Acetate	ND	9.4	ppbv	ND	33	ug/m3
cis-1,2-Dichloroethene	ND	1.9	ppbv	ND	7.4	ug/m3
2-Butanone	**60**	9.4	ppbv	**180**	28	ug/m3
Chloroform	ND	1.9	ppbv	ND	9.2	ug/m3
1,1,1-Trichloroethane	ND	1.9	ppbv	ND	10	ug/m3
Carbon Tetrachloride	ND	1.9	ppbv	ND	12	ug/m3
Benzene	**7.8**	1.9	ppbv	**25**	6.0	ug/m3
1,2-Dichloroethane	ND	1.9	ppbv	ND	7.6	ug/m3
Trichloroethene	ND	1.9	ppbv	ND	10	ug/m3
1,2-Dichloropropane	ND	1.9	ppbv	ND	8.7	ug/m3
Bromodichloromethane	ND	1.9	ppbv	ND	13	ug/m3
cis-1,3-Dichloropropene	ND	1.9	ppbv	ND	8.5	ug/m3
4-Methyl-2-Pentanone	**2.1**	1.9	ppbv	**8.8**	7.7	ug/m3
Toluene	**6.8**	1.9	ppbv	**26**	7.1	ug/m3
trans-1,3-Dichloropropene	ND	1.9	ppbv	ND	8.5	ug/m3
1,1,2-Trichloroethane	ND	1.9	ppbv	ND	10	ug/m3
Tetrachloroethene	ND	1.9	ppbv	ND	13	ug/m3
2-Hexanone	ND	4.7	ppbv	ND	19	ug/m3
Dibromochloromethane	ND	1.9	ppbv	ND	16	ug/m3
1,2-Dibromoethane	ND	1.9	ppbv	ND	14	ug/m3
Chlorobenzene	ND	1.9	ppbv	ND	8.6	ug/m3
Ethylbenzene	ND	1.9	ppbv	ND	8.1	ug/m3
Naphthalene	ND	9.4	ppbv	ND	49	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-009 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	ND	3.8	ppbv	ND	16	ug/m3
o-Xylene	ND	1.9	ppbv	ND	8.1	ug/m3
Styrene	ND	1.9	ppbv	ND	8.0	ug/m3
Bromoform	ND	1.9	ppbv	ND	19	ug/m3
1,1,2,2-Tetrachloroethane	ND	1.9	ppbv	ND	13	ug/m3
1,1,1,2-Tetrachloroethane	ND	1.9	ppbv	ND	13	ug/m3
4-Ethyltoluene	ND	1.9	ppbv	ND	9.2	ug/m3
1,3,5-Trimethylbenzene	ND	1.9	ppbv	ND	9.2	ug/m3
1,2,4-Trimethylbenzene	ND	1.9	ppbv	ND	9.2	ug/m3
1,3-Dichlorobenzene	ND	1.9	ppbv	ND	11	ug/m3
1,4-Dichlorobenzene	ND	1.9	ppbv	ND	11	ug/m3
Benzyl chloride	ND	1.9	ppbv	ND	9.7	ug/m3
1,2-Dichlorobenzene	ND	1.9	ppbv	ND	11	ug/m3
1,2,4-Trichlorobenzene	ND	1.9	ppbv	ND	14	ug/m3
Hexachlorobutadiene	ND	1.9	ppbv	ND	20	ug/m3
Xylene (total)	ND	1.9	ppbv	ND	8.1	ug/m3

469476-009 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	81	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-9 15'	**Batch#:**	297531	**Prep:**	METHOD
Lab ID:	469476-010	**Sampled:**	09/21/22 11:35	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	1.500	**Analyzed:**	09/23/22 03:07		

469476-010 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3
Freon 12	**0.37**	0.30	ppbv	**1.8**	1.5	ug/m3
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3
Chloromethane	**1.9**	0.30	ppbv	**3.8**	0.62	ug/m3
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3
Bromomethane	**0.81**	0.30	ppbv	**3.2**	1.2	ug/m3
Chloroethane	ND	0.30	ppbv	ND	0.79	ug/m3
Trichlorofluoromethane	ND	0.30	ppbv	ND	1.7	ug/m3
1,1-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
Freon 113	ND	0.30	ppbv	ND	2.3	ug/m3
Acetone	**16**	1.5	ppbv	**38**	3.6	ug/m3
Carbon Disulfide	**9.4**	0.30	ppbv	**29**	0.93	ug/m3
Isopropanol (IPA)	ND	1.5	ppbv	ND	3.7	ug/m3
Methylene Chloride	**0.62**	0.30	ppbv	**2.2**	1.0	ug/m3
trans-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3
n-Hexane	**9.4**	0.30	ppbv	**33**	1.1	ug/m3
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
2-Butanone	**5.2**	1.5	ppbv	**15**	4.4	ug/m3
Chloroform	ND	0.30	ppbv	ND	1.5	ug/m3
1,1,1-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3
Benzene	**3.7**	0.30	ppbv	**12**	0.96	ug/m3
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Trichloroethene	**5.2**	0.30	ppbv	**28**	1.6	ug/m3
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
4-Methyl-2-Pentanone	**1.2**	0.30	ppbv	**4.8**	1.2	ug/m3
Toluene	**4.3**	0.30	ppbv	**16**	1.1	ug/m3
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Tetrachloroethene	**0.64**	0.30	ppbv	**4.4**	2.0	ug/m3
2-Hexanone	ND	0.75	ppbv	ND	3.1	ug/m3
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3
Ethylbenzene	**0.40**	0.30	ppbv	**1.7**	1.3	ug/m3
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-010 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**0.70**	0.60	ppbv	**3.1**	2.6	ug/m3
o-Xylene	**0.32**	0.30	ppbv	**1.4**	1.3	ug/m3
Styrene	ND	0.30	ppbv	ND	1.3	ug/m3
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
4-Ethyltoluene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,2,4-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3
Xylene (total)	**1.0**	0.30	ppbv	**4.5**	1.3	ug/m3

469476-010 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	92	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-3 5'	**Batch#:**	297620	**Prep:**	METHOD
Lab ID:	469476-011	**Sampled:**	09/21/22 11:51	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	1.500	**Analyzed:**	09/23/22 19:13		

469476-011 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3
Freon 12	**0.50**	0.30	ppbv	**2.5**	1.5	ug/m3
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3
Chloromethane	ND	0.30	ppbv	ND	0.62	ug/m3
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3
Bromomethane	ND	0.30	ppbv	ND	1.2	ug/m3
Chloroethane	ND	0.30	ppbv	ND	0.79	ug/m3
Trichlorofluoromethane	**0.38**	0.30	ppbv	**2.1**	1.7	ug/m3
1,1-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
Freon 113	ND	0.30	ppbv	ND	2.3	ug/m3
Acetone	**24**	1.5	ppbv	**57**	3.6	ug/m3
Carbon Disulfide	**8.4**	0.30	ppbv	**26**	0.93	ug/m3
Isopropanol (IPA)	**1.6**	1.5	ppbv	**3.9**	3.7	ug/m3
Methylene Chloride	**2.8**	0.30	ppbv	**9.6**	1.0	ug/m3
trans-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3
n-Hexane	**20**	0.30	ppbv	**70**	1.1	ug/m3
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
2-Butanone	**6.2**	1.5	ppbv	**18**	4.4	ug/m3
Chloroform	ND	0.30	ppbv	ND	1.5	ug/m3
1,1,1-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3
Benzene	**4.2**	0.30	ppbv	**14**	0.96	ug/m3
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Trichloroethene	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
4-Methyl-2-Pentanone	**4.4**	0.30	ppbv	**18**	1.2	ug/m3
Toluene	**6.2**	0.30	ppbv	**23**	1.1	ug/m3
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Tetrachloroethene	ND	0.30	ppbv	ND	2.0	ug/m3
2-Hexanone	**0.97**	0.75	ppbv	**4.0**	3.1	ug/m3
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3
Ethylbenzene	**0.48**	0.30	ppbv	**2.1**	1.3	ug/m3
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-011 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**1.2**	0.60	ppbv	**5.1**	2.6	ug/m3
o-Xylene	**0.36**	0.30	ppbv	**1.6**	1.3	ug/m3
Styrene	ND	0.30	ppbv	ND	1.3	ug/m3
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
4-Ethyltoluene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,2,4-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3
Xylene (total)	**1.5**	0.30	ppbv	**6.6**	1.3	ug/m3

469476-011 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	82	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-3 15'	**Batch#:**	297620	**Prep:**	METHOD
Lab ID:	469476-012	**Sampled:**	09/21/22 12:06	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	1.500	**Analyzed:**	09/23/22 20:05		

469476-012 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3
Freon 12	**0.47**	0.30	ppbv	**2.3**	1.5	ug/m3
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3
Chloromethane	**0.65**	0.30	ppbv	**1.3**	0.62	ug/m3
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3
Bromomethane	**0.51**	0.30	ppbv	**2.0**	1.2	ug/m3
Chloroethane	ND	0.30	ppbv	ND	0.79	ug/m3
Trichlorofluoromethane	**3.1**	0.30	ppbv	**18**	1.7	ug/m3
1,1-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
Freon 113	**0.84**	0.30	ppbv	**6.4**	2.3	ug/m3
Acetone	**19**	1.5	ppbv	**44**	3.6	ug/m3
Carbon Disulfide	**8.0**	0.30	ppbv	**25**	0.93	ug/m3
Isopropanol (IPA)	ND	1.5	ppbv	ND	3.7	ug/m3
Methylene Chloride	**0.31**	0.30	ppbv	**1.1**	1.0	ug/m3
trans-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3
n-Hexane	**39**	0.30	ppbv	**140**	1.1	ug/m3
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
2-Butanone	**4.9**	1.5	ppbv	**14**	4.4	ug/m3
Chloroform	ND	0.30	ppbv	ND	1.5	ug/m3
1,1,1-Trichloroethane	**0.32**	0.30	ppbv	**1.8**	1.6	ug/m3
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3
Benzene	**3.8**	0.30	ppbv	**12**	0.96	ug/m3
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Trichloroethene	**42**	0.30	ppbv	**220**	1.6	ug/m3
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
4-Methyl-2-Pentanone	**1.4**	0.30	ppbv	**5.8**	1.2	ug/m3
Toluene	**3.9**	0.30	ppbv	**15**	1.1	ug/m3
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Tetrachloroethene	**1.2**	0.30	ppbv	**8.5**	2.0	ug/m3
2-Hexanone	ND	0.75	ppbv	ND	3.1	ug/m3
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3
Ethylbenzene	**0.39**	0.30	ppbv	**1.7**	1.3	ug/m3
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-012 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**0.91**	0.60	ppbv	**3.9**	2.6	ug/m3
o-Xylene	**0.33**	0.30	ppbv	**1.4**	1.3	ug/m3
Styrene	ND	0.30	ppbv	ND	1.3	ug/m3
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
4-Ethyltoluene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,2,4-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3
Xylene (total)	**1.2**	0.30	ppbv	**5.4**	1.3	ug/m3

469476-012 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	76	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-6 5'	**Batch#:**	297620	**Prep:**	METHOD
Lab ID:	469476-013	**Sampled:**	09/21/22 12:47	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	4.688	**Analyzed:**	09/23/22 20:51		

469476-013 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	4.7	ppbv	ND	13	ug/m3
Freon 12	ND	0.94	ppbv	ND	4.6	ug/m3
Freon 114	ND	0.94	ppbv	ND	6.6	ug/m3
Chloromethane	**1.1**	0.94	ppbv	**2.2**	1.9	ug/m3
Vinyl Chloride	ND	0.94	ppbv	ND	2.4	ug/m3
Bromomethane	ND	0.94	ppbv	ND	3.6	ug/m3
Chloroethane	ND	0.94	ppbv	ND	2.5	ug/m3
Trichlorofluoromethane	ND	0.94	ppbv	ND	5.3	ug/m3
1,1-Dichloroethene	ND	0.94	ppbv	ND	3.7	ug/m3
Freon 113	ND	0.94	ppbv	ND	7.2	ug/m3
Acetone	**140**	4.7	ppbv	**330**	11	ug/m3
Carbon Disulfide	**8.3**	0.94	ppbv	**26**	2.9	ug/m3
Isopropanol (IPA)	ND	4.7	ppbv	ND	12	ug/m3
Methylene Chloride	ND	0.94	ppbv	ND	3.3	ug/m3
trans-1,2-Dichloroethene	ND	0.94	ppbv	ND	3.7	ug/m3
MTBE	ND	0.94	ppbv	ND	3.4	ug/m3
n-Hexane	**120**	0.94	ppbv	**420**	3.3	ug/m3
1,1-Dichloroethane	ND	0.94	ppbv	ND	3.8	ug/m3
Vinyl Acetate	ND	4.7	ppbv	ND	17	ug/m3
cis-1,2-Dichloroethene	ND	0.94	ppbv	ND	3.7	ug/m3
2-Butanone	**29**	4.7	ppbv	**84**	14	ug/m3
Chloroform	**1.3**	0.94	ppbv	**6.2**	4.6	ug/m3
1,1,1-Trichloroethane	ND	0.94	ppbv	ND	5.1	ug/m3
Carbon Tetrachloride	ND	0.94	ppbv	ND	5.9	ug/m3
Benzene	**32**	0.94	ppbv	**100**	3.0	ug/m3
1,2-Dichloroethane	ND	0.94	ppbv	ND	3.8	ug/m3
Trichloroethene	ND	0.94	ppbv	ND	5.0	ug/m3
1,2-Dichloropropane	ND	0.94	ppbv	ND	4.3	ug/m3
Bromodichloromethane	ND	0.94	ppbv	ND	6.3	ug/m3
cis-1,3-Dichloropropene	ND	0.94	ppbv	ND	4.3	ug/m3
4-Methyl-2-Pentanone	**57**	0.94	ppbv	**230**	3.8	ug/m3
Toluene	**63**	0.94	ppbv	**240**	3.5	ug/m3
trans-1,3-Dichloropropene	ND	0.94	ppbv	ND	4.3	ug/m3
1,1,2-Trichloroethane	ND	0.94	ppbv	ND	5.1	ug/m3
Tetrachloroethene	ND	0.94	ppbv	ND	6.4	ug/m3
2-Hexanone	**3.1**	2.3	ppbv	**13**	9.6	ug/m3
Dibromochloromethane	ND	0.94	ppbv	ND	8.0	ug/m3
1,2-Dibromoethane	ND	0.94	ppbv	ND	7.2	ug/m3
Chlorobenzene	ND	0.94	ppbv	ND	4.3	ug/m3
Ethylbenzene	**9.5**	0.94	ppbv	**41**	4.1	ug/m3
Naphthalene	ND	4.7	ppbv	ND	25	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-013 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**44**	1.9	ppbv	**190**	8.1	ug/m3
o-Xylene	**14**	0.94	ppbv	**59**	4.1	ug/m3
Styrene	ND	0.94	ppbv	ND	4.0	ug/m3
Bromoform	ND	0.94	ppbv	ND	9.7	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.94	ppbv	ND	6.4	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.94	ppbv	ND	6.4	ug/m3
4-Ethyltoluene	**5.2**	0.94	ppbv	**26**	4.6	ug/m3
1,3,5-Trimethylbenzene	**5.9**	0.94	ppbv	**29**	4.6	ug/m3
1,2,4-Trimethylbenzene	**15**	0.94	ppbv	**75**	4.6	ug/m3
1,3-Dichlorobenzene	ND	0.94	ppbv	ND	5.6	ug/m3
1,4-Dichlorobenzene	ND	0.94	ppbv	ND	5.6	ug/m3
Benzyl chloride	ND	0.94	ppbv	ND	4.9	ug/m3
1,2-Dichlorobenzene	ND	0.94	ppbv	ND	5.6	ug/m3
1,2,4-Trichlorobenzene	ND	0.94	ppbv	ND	7.0	ug/m3
Hexachlorobutadiene	ND	0.94	ppbv	ND	10	ug/m3
Xylene (total)	**58**	0.94	ppbv	**250**	4.1	ug/m3

469476-013 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	81	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID: SV-6 15' **Sampled:** 09/21/22 12:57 **Analysis:** EPA TO-15

Lab ID: 469476-014 **Received:** 09/21/22

Matrix: Air **Prep:** METHOD

469476-014 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)	Diln Fac	Batch#	Analyzed	Analyst
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3	1.500	297620	09/23/22 21:43	DJL
Freon 12	**0.59**	0.30	ppbv	**2.9**	1.5	ug/m3	1.500	297620	09/23/22 21:43	DJL
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3	1.500	297620	09/23/22 21:43	DJL
Chloromethane	ND	0.30	ppbv	ND	0.62	ug/m3	1.500	297620	09/23/22 21:43	DJL
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3	1.500	297620	09/23/22 21:43	DJL
Bromomethane	ND	0.30	ppbv	ND	1.2	ug/m3	1.500	297620	09/23/22 21:43	DJL
Chloroethane	ND	0.30	ppbv	ND	0.79	ug/m3	1.500	297620	09/23/22 21:43	DJL
Trichlorofluoromethane	**1.1**	0.30	ppbv	**6.2**	1.7	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,1-Dichloroethene	**0.62**	0.30	ppbv	**2.4**	1.2	ug/m3	1.500	297620	09/23/22 21:43	DJL
Freon 113	**14**	0.30	ppbv	**100**	2.3	ug/m3	1.500	297620	09/23/22 21:43	DJL
Acetone	**30**	1.5	ppbv	**71**	3.6	ug/m3	1.500	297620	09/23/22 21:43	DJL
Carbon Disulfide	**0.44**	0.30	ppbv	**1.4**	0.93	ug/m3	1.500	297620	09/23/22 21:43	DJL
Isopropanol (IPA)	ND	1.5	ppbv	ND	3.7	ug/m3	1.500	297620	09/23/22 21:43	DJL
Methylene Chloride	ND	0.30	ppbv	ND	1.0	ug/m3	1.500	297620	09/23/22 21:43	DJL
trans-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3	1.500	297620	09/23/22 21:43	DJL
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3	1.500	297620	09/23/22 21:43	DJL
n-Hexane	**1.8**	0.30	ppbv	**6.2**	1.1	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3	1.500	297620	09/23/22 21:43	DJL
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3	1.500	297620	09/23/22 21:43	DJL
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3	1.500	297620	09/23/22 21:43	DJL
2-Butanone	**5.2**	1.5	ppbv	**15**	4.4	ug/m3	1.500	297620	09/23/22 21:43	DJL
Chloroform	**1.0**	0.30	ppbv	**5.0**	1.5	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,1,1-Trichloroethane	**2.4**	0.30	ppbv	**13**	1.6	ug/m3	1.500	297620	09/23/22 21:43	DJL
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3	1.500	297620	09/23/22 21:43	DJL
Benzene	**0.68**	0.30	ppbv	**2.2**	0.96	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3	1.500	297620	09/23/22 21:43	DJL
Trichloroethene	**120**	1.9	ppbv	**650**	10	ug/m3	9.375	297674	09/25/22 13:08	MBC
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3	1.500	297620	09/23/22 21:43	DJL
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3	1.500	297620	09/23/22 21:43	DJL
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3	1.500	297620	09/23/22 21:43	DJL
4-Methyl-2-Pentanone	**12**	0.30	ppbv	**48**	1.2	ug/m3	1.500	297620	09/23/22 21:43	DJL
Toluene	**1.9**	0.30	ppbv	**7.0**	1.1	ug/m3	1.500	297620	09/23/22 21:43	DJL
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3	1.500	297620	09/23/22 21:43	DJL
Tetrachloroethene	**12**	0.30	ppbv	**83**	2.0	ug/m3	1.500	297620	09/23/22 21:43	DJL
2-Hexanone	**0.81**	0.75	ppbv	**3.3**	3.1	ug/m3	1.500	297620	09/23/22 21:43	DJL
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3	1.500	297620	09/23/22 21:43	DJL
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3	1.500	297620	09/23/22 21:43	DJL
Ethylbenzene	**0.53**	0.30	ppbv	**2.3**	1.3	ug/m3	1.500	297620	09/23/22 21:43	DJL
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3	1.500	297620	09/23/22 21:43	DJL
m,p-Xylenes	**2.2**	0.60	ppbv	**9.7**	2.6	ug/m3	1.500	297620	09/23/22 21:43	DJL

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-014 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)	Diln Fac	Batch#	Analyzed	Analyst
o-Xylene	**0.77**	0.30	ppbv	**3.3**	1.3	ug/m3	1.500	297620	09/23/22 21:43	DJL
Styrene	ND	0.30	ppbv	ND	1.3	ug/m3	1.500	297620	09/23/22 21:43	DJL
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3	1.500	297620	09/23/22 21:43	DJL
4-Ethyltoluene	**0.39**	0.30	ppbv	**1.9**	1.5	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,3,5-Trimethylbenzene	**0.41**	0.30	ppbv	**2.0**	1.5	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,2,4-Trimethylbenzene	**1.3**	0.30	ppbv	**6.2**	1.5	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3	1.500	297620	09/23/22 21:43	DJL
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3	1.500	297620	09/23/22 21:43	DJL
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3	1.500	297620	09/23/22 21:43	DJL
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3	1.500	297620	09/23/22 21:43	DJL
Xylene (total)	**3.0**	0.30	ppbv	**13**	1.3	ug/m3	1.500	297620	09/23/22 21:43	DJL

469476-014 Surrogate	%REC	Limits	Units (M)	Diln Fac	Batch#	Analyzed	Analyst
Bromofluorobenzene	78	60-140	ug/m3	1.500	297620	09/23/22 21:43	DJL

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-7 5'	**Batch#:**	297620	**Prep:**	METHOD
Lab ID:	469476-015	**Sampled:**	09/21/22 13:17	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	4.688	**Analyzed:**	09/23/22 22:29		

469476-015 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	4.7	ppbv	ND	13	ug/m3
Freon 12	ND	0.94	ppbv	ND	4.6	ug/m3
Freon 114	ND	0.94	ppbv	ND	6.6	ug/m3
Chloromethane	ND	0.94	ppbv	ND	1.9	ug/m3
Vinyl Chloride	ND	0.94	ppbv	ND	2.4	ug/m3
Bromomethane	ND	0.94	ppbv	ND	3.6	ug/m3
Chloroethane	ND	0.94	ppbv	ND	2.5	ug/m3
Trichlorofluoromethane	ND	0.94	ppbv	ND	5.3	ug/m3
1,1-Dichloroethene	ND	0.94	ppbv	ND	3.7	ug/m3
Freon 113	ND	0.94	ppbv	ND	7.2	ug/m3
Acetone	**130**	4.7	ppbv	**310**	11	ug/m3
Carbon Disulfide	**4.5**	0.94	ppbv	**14**	2.9	ug/m3
Isopropanol (IPA)	ND	4.7	ppbv	ND	12	ug/m3
Methylene Chloride	ND	0.94	ppbv	ND	3.3	ug/m3
trans-1,2-Dichloroethene	ND	0.94	ppbv	ND	3.7	ug/m3
MTBE	ND	0.94	ppbv	ND	3.4	ug/m3
n-Hexane	**58**	0.94	ppbv	**200**	3.3	ug/m3
1,1-Dichloroethane	ND	0.94	ppbv	ND	3.8	ug/m3
Vinyl Acetate	ND	4.7	ppbv	ND	17	ug/m3
cis-1,2-Dichloroethene	ND	0.94	ppbv	ND	3.7	ug/m3
2-Butanone	**28**	4.7	ppbv	**81**	14	ug/m3
Chloroform	**2.0**	0.94	ppbv	**9.6**	4.6	ug/m3
1,1,1-Trichloroethane	ND	0.94	ppbv	ND	5.1	ug/m3
Carbon Tetrachloride	ND	0.94	ppbv	ND	5.9	ug/m3
Benzene	**26**	0.94	ppbv	**83**	3.0	ug/m3
1,2-Dichloroethane	ND	0.94	ppbv	ND	3.8	ug/m3
Trichloroethene	ND	0.94	ppbv	ND	5.0	ug/m3
1,2-Dichloropropane	ND	0.94	ppbv	ND	4.3	ug/m3
Bromodichloromethane	ND	0.94	ppbv	ND	6.3	ug/m3
cis-1,3-Dichloropropene	ND	0.94	ppbv	ND	4.3	ug/m3
4-Methyl-2-Pentanone	**27**	0.94	ppbv	**110**	3.8	ug/m3
Toluene	**59**	0.94	ppbv	**220**	3.5	ug/m3
trans-1,3-Dichloropropene	ND	0.94	ppbv	ND	4.3	ug/m3
1,1,2-Trichloroethane	ND	0.94	ppbv	ND	5.1	ug/m3
Tetrachloroethene	ND	0.94	ppbv	ND	6.4	ug/m3
2-Hexanone	ND	2.3	ppbv	ND	9.6	ug/m3
Dibromochloromethane	ND	0.94	ppbv	ND	8.0	ug/m3
1,2-Dibromoethane	ND	0.94	ppbv	ND	7.2	ug/m3
Chlorobenzene	ND	0.94	ppbv	ND	4.3	ug/m3
Ethylbenzene	**6.9**	0.94	ppbv	**30**	4.1	ug/m3
Naphthalene	ND	4.7	ppbv	ND	25	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-015 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**24**	1.9	ppbv	**100**	8.1	ug/m3
o-Xylene	**7.4**	0.94	ppbv	**32**	4.1	ug/m3
Styrene	ND	0.94	ppbv	ND	4.0	ug/m3
Bromoform	ND	0.94	ppbv	ND	9.7	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.94	ppbv	ND	6.4	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.94	ppbv	ND	6.4	ug/m3
4-Ethyltoluene	**2.3**	0.94	ppbv	**11**	4.6	ug/m3
1,3,5-Trimethylbenzene	**5.5**	0.94	ppbv	**27**	4.6	ug/m3
1,2,4-Trimethylbenzene	**11**	0.94	ppbv	**53**	4.6	ug/m3
1,3-Dichlorobenzene	ND	0.94	ppbv	ND	5.6	ug/m3
1,4-Dichlorobenzene	ND	0.94	ppbv	ND	5.6	ug/m3
Benzyl chloride	ND	0.94	ppbv	ND	4.9	ug/m3
1,2-Dichlorobenzene	ND	0.94	ppbv	ND	5.6	ug/m3
1,2,4-Trichlorobenzene	ND	0.94	ppbv	ND	7.0	ug/m3
Hexachlorobutadiene	ND	0.94	ppbv	ND	10	ug/m3
Xylene (total)	**31**	0.94	ppbv	**140**	4.1	ug/m3

469476-015 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	79	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-7 15'	**Batch#:**	297620	**Prep:**	METHOD
Lab ID:	469476-016	**Sampled:**	09/21/22 13:48	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	1.500	**Analyzed:**	09/23/22 23:21		

469476-016 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3
Freon 12	**0.39**	0.30	ppbv	**1.9**	1.5	ug/m3
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3
Chloromethane	**0.86**	0.30	ppbv	**1.8**	0.62	ug/m3
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3
Bromomethane	ND	0.30	ppbv	ND	1.2	ug/m3
Chloroethane	ND	0.30	ppbv	ND	0.79	ug/m3
Trichlorofluoromethane	ND	0.30	ppbv	ND	1.7	ug/m3
1,1-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
Freon 113	ND	0.30	ppbv	ND	2.3	ug/m3
Acetone	**56**	1.5	ppbv	**130**	3.6	ug/m3
Carbon Disulfide	**2.8**	0.30	ppbv	**8.8**	0.93	ug/m3
Isopropanol (IPA)	**2.1**	1.5	ppbv	**5.1**	3.7	ug/m3
Methylene Chloride	ND	0.30	ppbv	ND	1.0	ug/m3
trans-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3
n-Hexane	**36**	0.30	ppbv	**130**	1.1	ug/m3
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
2-Butanone	**9.9**	1.5	ppbv	**29**	4.4	ug/m3
Chloroform	**1.4**	0.30	ppbv	**6.9**	1.5	ug/m3
1,1,1-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3
Benzene	**8.0**	0.30	ppbv	**26**	0.96	ug/m3
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Trichloroethene	**1.8**	0.30	ppbv	**9.7**	1.6	ug/m3
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
4-Methyl-2-Pentanone	**26**	0.30	ppbv	**100**	1.2	ug/m3
Toluene	**9.8**	0.30	ppbv	**37**	1.1	ug/m3
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Tetrachloroethene	ND	0.30	ppbv	ND	2.0	ug/m3
2-Hexanone	**1.6**	0.75	ppbv	**6.7**	3.1	ug/m3
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3
Ethylbenzene	**1.5**	0.30	ppbv	**6.4**	1.3	ug/m3
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-016 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**5.5**	0.60	ppbv	**24**	2.6	ug/m3
o-Xylene	**1.8**	0.30	ppbv	**7.9**	1.3	ug/m3
Styrene	ND	0.30	ppbv	ND	1.3	ug/m3
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
4-Ethyltoluene	**0.74**	0.30	ppbv	**3.6**	1.5	ug/m3
1,3,5-Trimethylbenzene	**0.87**	0.30	ppbv	**4.3**	1.5	ug/m3
1,2,4-Trimethylbenzene	**2.2**	0.30	ppbv	**11**	1.5	ug/m3
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3
Xylene (total)	**7.3**	0.30	ppbv	**32**	1.3	ug/m3

469476-016 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	79	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-8 5'	**Batch#:**	297620	**Prep:**	METHOD
Lab ID:	469476-017	**Sampled:**	09/21/22 13:42	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	1.500	**Analyzed:**	09/24/22 00:13		

469476-017 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.5	ppbv	ND	4.1	ug/m3
Freon 12	**0.42**	0.30	ppbv	**2.1**	1.5	ug/m3
Freon 114	ND	0.30	ppbv	ND	2.1	ug/m3
Chloromethane	ND	0.30	ppbv	ND	0.62	ug/m3
Vinyl Chloride	ND	0.30	ppbv	ND	0.77	ug/m3
Bromomethane	ND	0.30	ppbv	ND	1.2	ug/m3
Chloroethane	ND	0.30	ppbv	ND	0.79	ug/m3
Trichlorofluoromethane	ND	0.30	ppbv	ND	1.7	ug/m3
1,1-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
Freon 113	ND	0.30	ppbv	ND	2.3	ug/m3
Acetone	**7.8**	1.5	ppbv	**18**	3.6	ug/m3
Carbon Disulfide	**0.45**	0.30	ppbv	**1.4**	0.93	ug/m3
Isopropanol (IPA)	ND	1.5	ppbv	ND	3.7	ug/m3
Methylene Chloride	ND	0.30	ppbv	ND	1.0	ug/m3
trans-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
MTBE	ND	0.30	ppbv	ND	1.1	ug/m3
n-Hexane	**3.1**	0.30	ppbv	**11**	1.1	ug/m3
1,1-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Vinyl Acetate	ND	1.5	ppbv	ND	5.3	ug/m3
cis-1,2-Dichloroethene	ND	0.30	ppbv	ND	1.2	ug/m3
2-Butanone	**2.1**	1.5	ppbv	**6.1**	4.4	ug/m3
Chloroform	ND	0.30	ppbv	ND	1.5	ug/m3
1,1,1-Trichloroethane	**0.75**	0.30	ppbv	**4.1**	1.6	ug/m3
Carbon Tetrachloride	ND	0.30	ppbv	ND	1.9	ug/m3
Benzene	**0.58**	0.30	ppbv	**1.9**	0.96	ug/m3
1,2-Dichloroethane	ND	0.30	ppbv	ND	1.2	ug/m3
Trichloroethene	**2.7**	0.30	ppbv	**14**	1.6	ug/m3
1,2-Dichloropropane	ND	0.30	ppbv	ND	1.4	ug/m3
Bromodichloromethane	ND	0.30	ppbv	ND	2.0	ug/m3
cis-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
4-Methyl-2-Pentanone	**0.74**	0.30	ppbv	**3.0**	1.2	ug/m3
Toluene	**0.80**	0.30	ppbv	**3.0**	1.1	ug/m3
trans-1,3-Dichloropropene	ND	0.30	ppbv	ND	1.4	ug/m3
1,1,2-Trichloroethane	ND	0.30	ppbv	ND	1.6	ug/m3
Tetrachloroethene	**0.51**	0.30	ppbv	**3.5**	2.0	ug/m3
2-Hexanone	ND	0.75	ppbv	ND	3.1	ug/m3
Dibromochloromethane	ND	0.30	ppbv	ND	2.6	ug/m3
1,2-Dibromoethane	ND	0.30	ppbv	ND	2.3	ug/m3
Chlorobenzene	ND	0.30	ppbv	ND	1.4	ug/m3
Ethylbenzene	ND	0.30	ppbv	ND	1.3	ug/m3
Naphthalene	ND	1.5	ppbv	ND	7.9	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-017 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	ND	0.60	ppbv	ND	2.6	ug/m3
o-Xylene	ND	0.30	ppbv	ND	1.3	ug/m3
Styrene	ND	0.30	ppbv	ND	1.3	ug/m3
Bromoform	ND	0.30	ppbv	ND	3.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.30	ppbv	ND	2.1	ug/m3
4-Ethyltoluene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,2,4-Trimethylbenzene	ND	0.30	ppbv	ND	1.5	ug/m3
1,3-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,4-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
Benzyl chloride	ND	0.30	ppbv	ND	1.6	ug/m3
1,2-Dichlorobenzene	ND	0.30	ppbv	ND	1.8	ug/m3
1,2,4-Trichlorobenzene	ND	0.30	ppbv	ND	2.2	ug/m3
Hexachlorobutadiene	ND	0.30	ppbv	ND	3.2	ug/m3
Xylene (total)	ND	0.30	ppbv	ND	1.3	ug/m3

469476-017 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	72	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Field ID:	SV-8 15'	**Batch#:**	297620	**Prep:**	METHOD
Lab ID:	469476-018	**Sampled:**	09/21/22 14:15	**Analysis:**	EPA TO-15
Matrix:	Air	**Received:**	09/21/22	**Analyst:**	DJL
DiIn Fac:	4.688	**Analyzed:**	09/24/22 00:59		

469476-018 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	4.7	ppbv	ND	13	ug/m3
Freon 12	ND	0.94	ppbv	ND	4.6	ug/m3
Freon 114	ND	0.94	ppbv	ND	6.6	ug/m3
Chloromethane	ND	0.94	ppbv	ND	1.9	ug/m3
Vinyl Chloride	ND	0.94	ppbv	ND	2.4	ug/m3
Bromomethane	ND	0.94	ppbv	ND	3.6	ug/m3
Chloroethane	ND	0.94	ppbv	ND	2.5	ug/m3
Trichlorofluoromethane	ND	0.94	ppbv	ND	5.3	ug/m3
1,1-Dichloroethene	**1.8**	0.94	ppbv	**7.2**	3.7	ug/m3
Freon 113	ND	0.94	ppbv	ND	7.2	ug/m3
Acetone	**20**	4.7	ppbv	**47**	11	ug/m3
Carbon Disulfide	**6.7**	0.94	ppbv	**21**	2.9	ug/m3
Isopropanol (IPA)	ND	4.7	ppbv	ND	12	ug/m3
Methylene Chloride	ND	0.94	ppbv	ND	3.3	ug/m3
trans-1,2-Dichloroethene	ND	0.94	ppbv	ND	3.7	ug/m3
MTBE	ND	0.94	ppbv	ND	3.4	ug/m3
n-Hexane	**130**	0.94	ppbv	**460**	3.3	ug/m3
1,1-Dichloroethane	ND	0.94	ppbv	ND	3.8	ug/m3
Vinyl Acetate	ND	4.7	ppbv	ND	17	ug/m3
cis-1,2-Dichloroethene	**1.3**	0.94	ppbv	**5.3**	3.7	ug/m3
2-Butanone	**4.7**	4.7	ppbv	**14**	14	ug/m3
Chloroform	ND	0.94	ppbv	ND	4.6	ug/m3
1,1,1-Trichloroethane	ND	0.94	ppbv	ND	5.1	ug/m3
Carbon Tetrachloride	ND	0.94	ppbv	ND	5.9	ug/m3
Benzene	**5.7**	0.94	ppbv	**18**	3.0	ug/m3
1,2-Dichloroethane	ND	0.94	ppbv	ND	3.8	ug/m3
Trichloroethene	**15**	0.94	ppbv	**80**	5.0	ug/m3
1,2-Dichloropropane	ND	0.94	ppbv	ND	4.3	ug/m3
Bromodichloromethane	ND	0.94	ppbv	ND	6.3	ug/m3
cis-1,3-Dichloropropene	ND	0.94	ppbv	ND	4.3	ug/m3
4-Methyl-2-Pentanone	**1.0**	0.94	ppbv	**4.2**	3.8	ug/m3
Toluene	**11**	0.94	ppbv	**40**	3.5	ug/m3
trans-1,3-Dichloropropene	ND	0.94	ppbv	ND	4.3	ug/m3
1,1,2-Trichloroethane	ND	0.94	ppbv	ND	5.1	ug/m3
Tetrachloroethene	ND	0.94	ppbv	ND	6.4	ug/m3
2-Hexanone	ND	2.3	ppbv	ND	9.6	ug/m3
Dibromochloromethane	ND	0.94	ppbv	ND	8.0	ug/m3
1,2-Dibromoethane	ND	0.94	ppbv	ND	7.2	ug/m3
Chlorobenzene	ND	0.94	ppbv	ND	4.3	ug/m3
Ethylbenzene	ND	0.94	ppbv	ND	4.1	ug/m3
Naphthalene	ND	4.7	ppbv	ND	25	ug/m3

Enthalpy Analytical - Orange Analytical Report

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

469476-018 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
m,p-Xylenes	**3.1**	1.9	ppbv	**14**	8.1	ug/m3
o-Xylene	ND	0.94	ppbv	ND	4.1	ug/m3
Styrene	ND	0.94	ppbv	ND	4.0	ug/m3
Bromoform	ND	0.94	ppbv	ND	9.7	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.94	ppbv	ND	6.4	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.94	ppbv	ND	6.4	ug/m3
4-Ethyltoluene	ND	0.94	ppbv	ND	4.6	ug/m3
1,3,5-Trimethylbenzene	ND	0.94	ppbv	ND	4.6	ug/m3
1,2,4-Trimethylbenzene	ND	0.94	ppbv	ND	4.6	ug/m3
1,3-Dichlorobenzene	ND	0.94	ppbv	ND	5.6	ug/m3
1,4-Dichlorobenzene	ND	0.94	ppbv	ND	5.6	ug/m3
Benzyl chloride	ND	0.94	ppbv	ND	4.9	ug/m3
1,2-Dichlorobenzene	ND	0.94	ppbv	ND	5.6	ug/m3
1,2,4-Trichlorobenzene	ND	0.94	ppbv	ND	7.0	ug/m3
Hexachlorobutadiene	ND	0.94	ppbv	ND	10	ug/m3
Xylene (total)	**3.1**	0.94	ppbv	**14**	4.1	ug/m3

469476-018 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	80	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **DiIn Fac:** 1.000 **Prep:** METHOD

Lab ID: QC1014632 **Batch#:** 297531 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 09/22/22 12:07 **Analyst:** ZNZ

QC1014632 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits
1,1-Difluoroethane	10.00	9.575	ppbv	96	70-130
Freon 12	10.00	9.866	ppbv	99	70-130
Freon 114	10.00	10.01	ppbv	100	70-130
Chloromethane	10.00	10.18	ppbv	102	70-130
Vinyl Chloride	10.00	10.58	ppbv	106	70-130
Bromomethane	10.00	10.30	ppbv	103	70-130
Chloroethane	10.00	9.769	ppbv	98	70-130
Trichlorofluoromethane	10.00	9.680	ppbv	97	70-130
1,1-Dichloroethene	10.00	10.46	ppbv	105	70-130
Freon 113	10.00	9.522	ppbv	95	70-130
Acetone	10.00	10.84	ppbv	108	70-130
Carbon Disulfide	10.00	10.50	ppbv	105	70-130
Isopropanol (IPA)	10.00	10.64	ppbv	106	70-130
Methylene Chloride	10.00	9.239	ppbv	92	70-130
trans-1,2-Dichloroethene	10.00	10.18	ppbv	102	70-130
MTBE	10.00	9.670	ppbv	97	70-130
n-Hexane	10.00	9.768	ppbv	98	70-130
1,1-Dichloroethane	10.00	9.794	ppbv	98	70-130
Vinyl Acetate	10.00	10.31	ppbv	103	70-130
cis-1,2-Dichloroethene	10.00	9.935	ppbv	99	70-130
2-Butanone	10.00	10.08	ppbv	101	70-130
Chloroform	10.00	9.705	ppbv	97	70-130
1,1,1-Trichloroethane	10.00	9.737	ppbv	97	70-130
Carbon Tetrachloride	10.00	9.424	ppbv	94	70-130
Benzene	10.00	9.359	ppbv	94	70-130
1,2-Dichloroethane	10.00	9.770	ppbv	98	70-130
Trichloroethene	10.00	9.562	ppbv	96	70-130
1,2-Dichloropropane	10.00	9.195	ppbv	92	70-130
Bromodichloromethane	10.00	10.16	ppbv	102	70-130
cis-1,3-Dichloropropene	10.00	9.705	ppbv	97	70-130
4-Methyl-2-Pentanone	10.00	9.625	ppbv	96	70-130
Toluene	10.00	9.681	ppbv	97	70-130
trans-1,3-Dichloropropene	10.00	10.06	ppbv	101	70-130
1,1,2-Trichloroethane	10.00	9.668	ppbv	97	70-130
Tetrachloroethene	10.00	9.558	ppbv	96	70-130
2-Hexanone	10.00	9.785	ppbv	98	70-130
Dibromochloromethane	10.00	9.737	ppbv	97	70-130
1,2-Dibromoethane	10.00	9.792	ppbv	98	70-130
Chlorobenzene	10.00	10.53	ppbv	105	70-130
Ethylbenzene	10.00	11.31	ppbv	113	70-130
Naphthalene	10.00	11.40	ppbv	114	70-130
m,p-Xylenes	20.00	23.24	ppbv	116	70-130

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1014632 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits
o-Xylene	10.00	11.36	ppbv	114	70-130
Styrene	10.00	11.89	ppbv	119	70-130
Bromoform	10.00	11.01	ppbv	110	70-130
1,1,2,2-Tetrachloroethane	10.00	11.71	ppbv	117	70-130
1,1,1,2-Tetrachloroethane	10.00	11.20	ppbv	112	70-130
4-Ethyltoluene	10.00	11.58	ppbv	116	70-130
1,3,5-Trimethylbenzene	10.00	11.38	ppbv	114	70-130
1,2,4-Trimethylbenzene	10.00	11.47	ppbv	115	70-130
1,3-Dichlorobenzene	10.00	10.92	ppbv	109	70-130
1,4-Dichlorobenzene	10.00	10.90	ppbv	109	70-130
Benzyl chloride	10.00	11.96	ppbv	120	70-130
1,2-Dichlorobenzene	10.00	10.99	ppbv	110	70-130
1,2,4-Trichlorobenzene	10.00	10.67	ppbv	107	70-130
Hexachlorobutadiene	10.00	10.34	ppbv	103	70-130

QC1014632 Surrogate	%REC	Limits
Bromofluorobenzene	111	60-140

Type: BSD **Dil Fac:** 1.000 **Prep:** METHOD

Lab ID: QC1014633 **Batch#:** 297531 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 09/22/22 12:52 **Analyst:** ZNZ

QC1014633 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits	RPD	Lim
1,1-Difluoroethane	10.00	9.492	ppbv	95	70-130	1	25
Freon 12	10.00	9.675	ppbv	97	70-130	2	25
Freon 114	10.00	9.967	ppbv	100	70-130	0	25
Chloromethane	10.00	10.10	ppbv	101	70-130	1	25
Vinyl Chloride	10.00	10.24	ppbv	102	70-130	3	25
Bromomethane	10.00	10.36	ppbv	104	70-130	1	25
Chloroethane	10.00	10.16	ppbv	102	70-130	4	25
Trichlorofluoromethane	10.00	9.575	ppbv	96	70-130	1	25
1,1-Dichloroethene	10.00	10.23	ppbv	102	70-130	2	25
Freon 113	10.00	9.542	ppbv	95	70-130	0	25
Acetone	10.00	10.86	ppbv	109	70-130	0	25
Carbon Disulfide	10.00	10.70	ppbv	107	70-130	2	25
Isopropanol (IPA)	10.00	10.65	ppbv	106	70-130	0	25
Methylene Chloride	10.00	9.212	ppbv	92	70-130	0	25
trans-1,2-Dichloroethene	10.00	10.15	ppbv	101	70-130	0	25
MTBE	10.00	9.642	ppbv	96	70-130	0	25
n-Hexane	10.00	9.663	ppbv	97	70-130	1	25
1,1-Dichloroethane	10.00	10.20	ppbv	102	70-130	4	25
Vinyl Acetate	10.00	10.31	ppbv	103	70-130	0	25
cis-1,2-Dichloroethene	10.00	10.02	ppbv	100	70-130	1	25
2-Butanone	10.00	10.01	ppbv	100	70-130	1	25
Chloroform	10.00	9.764	ppbv	98	70-130	1	25
1,1,1-Trichloroethane	10.00	9.707	ppbv	97	70-130	0	25
Carbon Tetrachloride	10.00	9.709	ppbv	97	70-130	3	25

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1014633 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits	RPD	Lim
Benzene	10.00	9.502	ppbv	95	70-130	2	25
1,2-Dichloroethane	10.00	9.639	ppbv	96	70-130	1	25
Trichloroethene	10.00	9.662	ppbv	97	70-130	1	25
1,2-Dichloropropane	10.00	9.154	ppbv	92	70-130	0	25
Bromodichloromethane	10.00	10.23	ppbv	102	70-130	1	25
cis-1,3-Dichloropropene	10.00	9.843	ppbv	98	70-130	1	25
4-Methyl-2-Pentanone	10.00	9.907	ppbv	99	70-130	3	25
Toluene	10.00	9.887	ppbv	99	70-130	2	25
trans-1,3-Dichloropropene	10.00	10.54	ppbv	105	70-130	5	25
1,1,2-Trichloroethane	10.00	9.745	ppbv	97	70-130	1	25
Tetrachloroethene	10.00	9.510	ppbv	95	70-130	1	25
2-Hexanone	10.00	10.24	ppbv	102	70-130	5	25
Dibromochloromethane	10.00	10.00	ppbv	100	70-130	3	25
1,2-Dibromoethane	10.00	10.28	ppbv	103	70-130	5	25
Chlorobenzene	10.00	10.61	ppbv	106	70-130	1	25
Ethylbenzene	10.00	11.49	ppbv	115	70-130	2	25
Naphthalene	10.00	12.46	ppbv	125	70-130	9	25
m,p-Xylenes	20.00	23.42	ppbv	117	70-130	1	25
o-Xylene	10.00	11.40	ppbv	114	70-130	0	25
Styrene	10.00	12.03	ppbv	120	70-130	1	25
Bromoform	10.00	11.74	ppbv	117	70-130	6	25
1,1,2,2-Tetrachloroethane	10.00	11.76	ppbv	118	70-130	0	25
1,1,1,2-Tetrachloroethane	10.00	11.39	ppbv	114	70-130	2	25
4-Ethyltoluene	10.00	11.66	ppbv	117	70-130	1	25
1,3,5-Trimethylbenzene	10.00	11.51	ppbv	115	70-130	1	25
1,2,4-Trimethylbenzene	10.00	11.71	ppbv	117	70-130	2	25
1,3-Dichlorobenzene	10.00	11.17	ppbv	112	70-130	2	25
1,4-Dichlorobenzene	10.00	11.46	ppbv	115	70-130	5	25
Benzyl chloride	10.00	12.32	ppbv	123	70-130	3	25
1,2-Dichlorobenzene	10.00	11.14	ppbv	111	70-130	1	25
1,2,4-Trichlorobenzene	10.00	11.27	ppbv	113	70-130	5	25
Hexachlorobutadiene	10.00	10.68	ppbv	107	70-130	3	25

QC1014633 Surrogate	%REC	Limits
Bromofluorobenzene	113	60-140

Legend

RPD: Relative Percent Difference

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **DiIn Fac:** 1.000 **Prep:** METHOD

Lab ID: QC1014634 **Batch#:** 297531 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 09/22/22 15:42 **Analyst:** ZNZ

QC1014634 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.0	ppbv	ND	2.7	ug/m3
Freon 12	ND	0.20	ppbv	ND	0.99	ug/m3
Freon 114	ND	0.20	ppbv	ND	1.4	ug/m3
Chloromethane	ND	0.20	ppbv	ND	0.41	ug/m3
Vinyl Chloride	ND	0.20	ppbv	ND	0.51	ug/m3
Bromomethane	ND	0.20	ppbv	ND	0.78	ug/m3
Chloroethane	ND	0.20	ppbv	ND	0.53	ug/m3
Trichlorofluoromethane	ND	0.20	ppbv	ND	1.1	ug/m3
1,1-Dichloroethene	ND	0.20	ppbv	ND	0.79	ug/m3
Freon 113	ND	0.20	ppbv	ND	1.5	ug/m3
Acetone	ND	1.0	ppbv	ND	2.4	ug/m3
Carbon Disulfide	ND	0.20	ppbv	ND	0.62	ug/m3
Isopropanol (IPA)	ND	1.0	ppbv	ND	2.5	ug/m3
Methylene Chloride	ND	0.20	ppbv	ND	0.69	ug/m3
trans-1,2-Dichloroethene	ND	0.20	ppbv	ND	0.79	ug/m3
MTBE	ND	0.20	ppbv	ND	0.72	ug/m3
n-Hexane	ND	0.20	ppbv	ND	0.70	ug/m3
1,1-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3
Vinyl Acetate	ND	1.0	ppbv	ND	3.5	ug/m3
cis-1,2-Dichloroethene	ND	0.20	ppbv	ND	0.79	ug/m3
2-Butanone	ND	1.0	ppbv	ND	2.9	ug/m3
Chloroform	ND	0.20	ppbv	ND	0.98	ug/m3
1,1,1-Trichloroethane	ND	0.20	ppbv	ND	1.1	ug/m3
Carbon Tetrachloride	ND	0.20	ppbv	ND	1.3	ug/m3
Benzene	ND	0.20	ppbv	ND	0.64	ug/m3
1,2-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3
Trichloroethene	ND	0.20	ppbv	ND	1.1	ug/m3
1,2-Dichloropropane	ND	0.20	ppbv	ND	0.92	ug/m3
Bromodichloromethane	ND	0.20	ppbv	ND	1.3	ug/m3
cis-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3
4-Methyl-2-Pentanone	ND	0.20	ppbv	ND	0.82	ug/m3
Toluene	ND	0.20	ppbv	ND	0.75	ug/m3
trans-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3
1,1,2-Trichloroethane	ND	0.20	ppbv	ND	1.1	ug/m3
Tetrachloroethene	ND	0.20	ppbv	ND	1.4	ug/m3
2-Hexanone	ND	0.50	ppbv	ND	2.0	ug/m3
Dibromochloromethane	ND	0.20	ppbv	ND	1.7	ug/m3
1,2-Dibromoethane	ND	0.20	ppbv	ND	1.5	ug/m3
Chlorobenzene	ND	0.20	ppbv	ND	0.92	ug/m3
Ethylbenzene	ND	0.20	ppbv	ND	0.87	ug/m3
Naphthalene	ND	1.0	ppbv	ND	5.2	ug/m3
m,p-Xylenes	ND	0.40	ppbv	ND	1.7	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1014634 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
o-Xylene	ND	0.20	ppbv	ND	0.87	ug/m3
Styrene	ND	0.20	ppbv	ND	0.85	ug/m3
Bromoform	ND	0.20	ppbv	ND	2.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.20	ppbv	ND	1.4	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.20	ppbv	ND	1.4	ug/m3
4-Ethyltoluene	ND	0.20	ppbv	ND	0.98	ug/m3
1,3,5-Trimethylbenzene	ND	0.20	ppbv	ND	0.98	ug/m3
1,2,4-Trimethylbenzene	ND	0.20	ppbv	ND	0.98	ug/m3
1,3-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3
1,4-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3
Benzyl chloride	ND	0.20	ppbv	ND	1.0	ug/m3
1,2-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3
1,2,4-Trichlorobenzene	ND	0.20	ppbv	ND	1.5	ug/m3
Hexachlorobutadiene	ND	0.20	ppbv	ND	2.1	ug/m3
Xylene (total)	ND	0.20	ppbv	ND	0.87	ug/m3

QC1014634 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	78	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **DiIn Fac:** 1.000 **Prep:** METHOD

Lab ID: QC1014922 **Batch#:** 297620 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 09/23/22 13:07 **Analyst:** MBC

QC1014922 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits
1,1-Difluoroethane	10.00	9.950	ppbv	99	70-130
Freon 12	10.00	10.18	ppbv	102	70-130
Freon 114	10.00	10.39	ppbv	104	70-130
Chloromethane	10.00	10.75	ppbv	107	70-130
Vinyl Chloride	10.00	11.01	ppbv	110	70-130
Bromomethane	10.00	10.56	ppbv	106	70-130
Chloroethane	10.00	10.33	ppbv	103	70-130
Trichlorofluoromethane	10.00	10.34	ppbv	103	70-130
1,1-Dichloroethene	10.00	10.60	ppbv	106	70-130
Freon 113	10.00	9.760	ppbv	98	70-130
Acetone	10.00	11.16	ppbv	112	70-130
Carbon Disulfide	10.00	11.18	ppbv	112	70-130
Isopropanol (IPA)	10.00	11.09	ppbv	111	70-130
Methylene Chloride	10.00	9.331	ppbv	93	70-130
trans-1,2-Dichloroethene	10.00	10.38	ppbv	104	70-130
MTBE	10.00	10.12	ppbv	101	70-130
n-Hexane	10.00	10.17	ppbv	102	70-130
1,1-Dichloroethane	10.00	10.55	ppbv	106	70-130
Vinyl Acetate	10.00	10.70	ppbv	107	70-130
cis-1,2-Dichloroethene	10.00	10.26	ppbv	103	70-130
2-Butanone	10.00	10.70	ppbv	107	70-130
Chloroform	10.00	10.10	ppbv	101	70-130
1,1,1-Trichloroethane	10.00	9.948	ppbv	99	70-130
Carbon Tetrachloride	10.00	9.823	ppbv	98	70-130
Benzene	10.00	9.688	ppbv	97	70-130
1,2-Dichloroethane	10.00	10.02	ppbv	100	70-130
Trichloroethene	10.00	9.842	ppbv	98	70-130
1,2-Dichloropropane	10.00	9.737	ppbv	97	70-130
Bromodichloromethane	10.00	10.46	ppbv	105	70-130
cis-1,3-Dichloropropene	10.00	9.950	ppbv	99	70-130
4-Methyl-2-Pentanone	10.00	10.20	ppbv	102	70-130
Toluene	10.00	10.01	ppbv	100	70-130
trans-1,3-Dichloropropene	10.00	10.33	ppbv	103	70-130
1,1,2-Trichloroethane	10.00	10.14	ppbv	101	70-130
Tetrachloroethene	10.00	9.602	ppbv	96	70-130
2-Hexanone	10.00	10.75	ppbv	108	70-130
Dibromochloromethane	10.00	10.26	ppbv	103	70-130
1,2-Dibromoethane	10.00	10.14	ppbv	101	70-130
Chlorobenzene	10.00	9.653	ppbv	97	70-130
Ethylbenzene	10.00	10.35	ppbv	103	70-130
Naphthalene	10.00	11.50	ppbv	115	70-130
m,p-Xylenes	20.00	21.28	ppbv	106	70-130

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1014922 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits
o-Xylene	10.00	10.30	ppbv	103	70-130
Styrene	10.00	10.97	ppbv	110	70-130
Bromoform	10.00	10.43	ppbv	104	70-130
1,1,2,2-Tetrachloroethane	10.00	10.56	ppbv	106	70-130
1,1,1,2-Tetrachloroethane	10.00	10.16	ppbv	102	70-130
4-Ethyltoluene	10.00	10.75	ppbv	107	70-130
1,3,5-Trimethylbenzene	10.00	10.44	ppbv	104	70-130
1,2,4-Trimethylbenzene	10.00	10.71	ppbv	107	70-130
1,3-Dichlorobenzene	10.00	10.16	ppbv	102	70-130
1,4-Dichlorobenzene	10.00	10.34	ppbv	103	70-130
Benzyl chloride	10.00	11.16	ppbv	112	70-130
1,2-Dichlorobenzene	10.00	10.19	ppbv	102	70-130
1,2,4-Trichlorobenzene	10.00	10.46	ppbv	105	70-130
Hexachlorobutadiene	10.00	9.421	ppbv	94	70-130

QC1014922 Surrogate	%REC	Limits
Bromofluorobenzene	101	60-140

Type: BSD **Diln Fac:** 1.000 **Prep:** METHOD

Lab ID: QC1014923 **Batch#:** 297620 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 09/23/22 14:49 **Analyst:** MBC

QC1014923 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits	RPD	Lim
1,1-Difluoroethane	10.00	10.39	ppbv	104	70-130	4	25
Freon 12	10.00	10.69	ppbv	107	70-130	5	25
Freon 114	10.00	10.67	ppbv	107	70-130	3	25
Chloromethane	10.00	11.10	ppbv	111	70-130	3	25
Vinyl Chloride	10.00	11.16	ppbv	112	70-130	1	25
Bromomethane	10.00	11.12	ppbv	111	70-130	5	25
Chloroethane	10.00	10.64	ppbv	106	70-130	3	25
Trichlorofluoromethane	10.00	10.61	ppbv	106	70-130	3	25
1,1-Dichloroethene	10.00	10.83	ppbv	108	70-130	2	25
Freon 113	10.00	10.20	ppbv	102	70-130	4	25
Acetone	10.00	11.42	ppbv	114	70-130	2	25
Carbon Disulfide	10.00	11.13	ppbv	111	70-130	1	25
Isopropanol (IPA)	10.00	11.42	ppbv	114	70-130	3	25
Methylene Chloride	10.00	9.718	ppbv	97	70-130	4	25
trans-1,2-Dichloroethene	10.00	10.68	ppbv	107	70-130	3	25
MTBE	10.00	10.63	ppbv	106	70-130	5	25
n-Hexane	10.00	10.56	ppbv	106	70-130	4	25
1,1-Dichloroethane	10.00	10.80	ppbv	108	70-130	2	25
Vinyl Acetate	10.00	11.27	ppbv	113	70-130	5	25
cis-1,2-Dichloroethene	10.00	10.59	ppbv	106	70-130	3	25
2-Butanone	10.00	10.61	ppbv	106	70-130	1	25
Chloroform	10.00	10.41	ppbv	104	70-130	3	25
1,1,1-Trichloroethane	10.00	10.33	ppbv	103	70-130	4	25
Carbon Tetrachloride	10.00	10.13	ppbv	101	70-130	3	25

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1014923 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits	RPD	Lim
Benzene	10.00	10.09	ppbv	101	70-130	4	25
1,2-Dichloroethane	10.00	10.38	ppbv	104	70-130	4	25
Trichloroethene	10.00	10.28	ppbv	103	70-130	4	25
1,2-Dichloropropane	10.00	9.931	ppbv	99	70-130	2	25
Bromodichloromethane	10.00	10.74	ppbv	107	70-130	3	25
cis-1,3-Dichloropropene	10.00	10.21	ppbv	102	70-130	3	25
4-Methyl-2-Pentanone	10.00	10.40	ppbv	104	70-130	2	25
Toluene	10.00	10.25	ppbv	102	70-130	2	25
trans-1,3-Dichloropropene	10.00	10.67	ppbv	107	70-130	3	25
1,1,2-Trichloroethane	10.00	10.24	ppbv	102	70-130	1	25
Tetrachloroethene	10.00	9.763	ppbv	98	70-130	2	25
2-Hexanone	10.00	10.42	ppbv	104	70-130	3	25
Dibromochloromethane	10.00	10.43	ppbv	104	70-130	2	25
1,2-Dibromoethane	10.00	10.31	ppbv	103	70-130	2	25
Chlorobenzene	10.00	9.802	ppbv	98	70-130	2	25
Ethylbenzene	10.00	10.66	ppbv	107	70-130	3	25
Naphthalene	10.00	11.86	ppbv	119	70-130	3	25
m,p-Xylenes	20.00	21.03	ppbv	105	70-130	1	25
o-Xylene	10.00	10.34	ppbv	103	70-130	0	25
Styrene	10.00	10.79	ppbv	108	70-130	2	25
Bromoform	10.00	9.971	ppbv	100	70-130	4	25
1,1,2,2-Tetrachloroethane	10.00	10.50	ppbv	105	70-130	1	25
1,1,1,2-Tetrachloroethane	10.00	10.21	ppbv	102	70-130	0	25
4-Ethyltoluene	10.00	10.78	ppbv	108	70-130	0	25
1,3,5-Trimethylbenzene	10.00	10.54	ppbv	105	70-130	1	25
1,2,4-Trimethylbenzene	10.00	10.67	ppbv	107	70-130	0	25
1,3-Dichlorobenzene	10.00	9.984	ppbv	100	70-130	2	25
1,4-Dichlorobenzene	10.00	10.31	ppbv	103	70-130	0	25
Benzyl chloride	10.00	11.20	ppbv	112	70-130	0	25
1,2-Dichlorobenzene	10.00	9.984	ppbv	100	70-130	2	25
1,2,4-Trichlorobenzene	10.00	10.56	ppbv	106	70-130	1	25
Hexachlorobutadiene	10.00	9.300	ppbv	93	70-130	1	25

QC1014923 Surrogate	%REC	Limits
Bromofluorobenzene	96	60-140

Legend

RPD: Relative Percent Difference

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **DiIn Fac:** 1.000 **Prep:** METHOD

Lab ID: QC1014924 **Batch#:** 297620 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 09/23/22 17:17 **Analyst:** MBC

QC1014924 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.0	ppbv	ND	2.7	ug/m3
Freon 12	ND	0.20	ppbv	ND	0.99	ug/m3
Freon 114	ND	0.20	ppbv	ND	1.4	ug/m3
Chloromethane	ND	0.20	ppbv	ND	0.41	ug/m3
Vinyl Chloride	ND	0.20	ppbv	ND	0.51	ug/m3
Bromomethane	ND	0.20	ppbv	ND	0.78	ug/m3
Chloroethane	ND	0.20	ppbv	ND	0.53	ug/m3
Trichlorofluoromethane	ND	0.20	ppbv	ND	1.1	ug/m3
1,1-Dichloroethene	ND	0.20	ppbv	ND	0.79	ug/m3
Freon 113	ND	0.20	ppbv	ND	1.5	ug/m3
Acetone	ND	1.0	ppbv	ND	2.4	ug/m3
Carbon Disulfide	ND	0.20	ppbv	ND	0.62	ug/m3
Isopropanol (IPA)	ND	1.0	ppbv	ND	2.5	ug/m3
Methylene Chloride	ND	0.20	ppbv	ND	0.69	ug/m3
trans-1,2-Dichloroethene	ND	0.20	ppbv	ND	0.79	ug/m3
MTBE	ND	0.20	ppbv	ND	0.72	ug/m3
n-Hexane	ND	0.20	ppbv	ND	0.70	ug/m3
1,1-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3
Vinyl Acetate	ND	1.0	ppbv	ND	3.5	ug/m3
cis-1,2-Dichloroethene	ND	0.20	ppbv	ND	0.79	ug/m3
2-Butanone	ND	1.0	ppbv	ND	2.9	ug/m3
Chloroform	ND	0.20	ppbv	ND	0.98	ug/m3
1,1,1-Trichloroethane	ND	0.20	ppbv	ND	1.1	ug/m3
Carbon Tetrachloride	ND	0.20	ppbv	ND	1.3	ug/m3
Benzene	ND	0.20	ppbv	ND	0.64	ug/m3
1,2-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3
Trichloroethene	ND	0.20	ppbv	ND	1.1	ug/m3
1,2-Dichloropropane	ND	0.20	ppbv	ND	0.92	ug/m3
Bromodichloromethane	ND	0.20	ppbv	ND	1.3	ug/m3
cis-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3
4-Methyl-2-Pentanone	ND	0.20	ppbv	ND	0.82	ug/m3
Toluene	ND	0.20	ppbv	ND	0.75	ug/m3
trans-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3
1,1,2-Trichloroethane	ND	0.20	ppbv	ND	1.1	ug/m3
Tetrachloroethene	ND	0.20	ppbv	ND	1.4	ug/m3
2-Hexanone	ND	0.50	ppbv	ND	2.0	ug/m3
Dibromochloromethane	ND	0.20	ppbv	ND	1.7	ug/m3
1,2-Dibromoethane	ND	0.20	ppbv	ND	1.5	ug/m3
Chlorobenzene	ND	0.20	ppbv	ND	0.92	ug/m3
Ethylbenzene	ND	0.20	ppbv	ND	0.87	ug/m3
Naphthalene	ND	1.0	ppbv	ND	5.2	ug/m3
m,p-Xylenes	ND	0.40	ppbv	ND	1.7	ug/m3

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

QC1014924 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
o-Xylene	ND	0.20	ppbv	ND	0.87	ug/m3
Styrene	ND	0.20	ppbv	ND	0.85	ug/m3
Bromoform	ND	0.20	ppbv	ND	2.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.20	ppbv	ND	1.4	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.20	ppbv	ND	1.4	ug/m3
4-Ethyltoluene	ND	0.20	ppbv	ND	0.98	ug/m3
1,3,5-Trimethylbenzene	ND	0.20	ppbv	ND	0.98	ug/m3
1,2,4-Trimethylbenzene	ND	0.20	ppbv	ND	0.98	ug/m3
1,3-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3
1,4-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3
Benzyl chloride	ND	0.20	ppbv	ND	1.0	ug/m3
1,2-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3
1,2,4-Trichlorobenzene	ND	0.20	ppbv	ND	1.5	ug/m3
Hexachlorobutadiene	ND	0.20	ppbv	ND	2.1	ug/m3
Xylene (total)	ND	0.20	ppbv	ND	0.87	ug/m3

QC1014924 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	54 *	60-140	ug/m3

Legend

***:** Value is outside QC limits

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BS **DilN Fac:** 1.000 **Prep:** METHOD

Lab ID: QC1015115 **Batch#:** 297674 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 09/25/22 08:50 **Analyst:** MBC

QC1015115 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits
Trichloroethene	10.00	10.39	ppbv	104	70-130

QC1015115 Surrogate	%REC	Limits
Bromofluorobenzene	98	60-140

Type: BSD **DilN Fac:** 1.000 **Prep:** METHOD

Lab ID: QC1015116 **Batch#:** 297674 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 09/25/22 09:35 **Analyst:** MBC

QC1015116 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits	RPD	Lim
Trichloroethene	10.00	10.29	ppbv	103	70-130	1	25

QC1015116 Surrogate	%REC	Limits
Bromofluorobenzene	102	60-140

Legend

RPD: Relative Percent Difference

Result (V): Result in volume units

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 469476 **Project#:** 22-0013.01

Client: Rosso Environmental, Inc. **Location:** Palo Alto

Type: BLANK **DilnFac:** 1.000 **Prep:** METHOD

Lab ID: QC1015117 **Batch#:** 297674 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 09/25/22 12:11 **Analyst:** MBC

QC1015117 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
Trichloroethene	ND	0.20	ppbv	ND	1.1	ug/m3

QC1015117 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	66	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units