WATERSTONE ENVIRONMENTAL, INC.

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February 22, 2024

Ms. Brooke Birtcher Gustafson
Managing Director
Birtcher Development
450 Newport Center Drive, Ste. 220
Newport Beach, CA 92660

RE: Results of Additional Phase II Sampling at the Stearns and Diocese of San Bernardino Properties Located at 9950 and 10300 Calimesa Boulevard, Oak Valley North Project, Calimesa, California

Dear Ms. Gustafson:

Waterstone Environmental, Inc. (Waterstone) has prepared this letter report on behalf of Birtcher Development (Birtcher) to summarize the results of an Additional Phase II site investigation at the above-referenced Subject Properties. The additional Phase II was performed in response to comments received from the City of Calimesa stemming from their review of the Environmental Impact Report (EIR) for proposed redevelopment and Waterstone's previous Phase I and Phase II reports.

The Subject Property is proposed for redevelopment with a business park, high-density residential, and/or church land uses. Grading is anticipated to require over excavation removals to extend to depths of eight to 32 feet below existing grade. The design grades will result in cut depths up to 50 feet and fill depths up to 30 feet from existing grade. As part of the EIR review by the City of Calimesa, the City provided comments to Waterstone's reports requesting further study. A summary of the City's comments and Waterstone's responses are included in Attachment A.

BACKGROUND

The Subject Properties are comprised of multiple parcels totaling approximately 111.2-acre property located in Calimesa, California which includes the Stearns Property (82 acres) located at 9950 Calimesa Boulevard and the Diocese of San Bernardino Property (29.2 acres) located at 10300 Calimesa Boulevard (see Figures 1 and 2). The Subject Properties are currently vacant with one small vacant residential dwelling on the Stearns property. Historically the Subject Properties were used for agricultural purposes with a residence and farm-related structures on the Stearns Property and several residences, barns, and other farm-related structures on the Diocese of San Bernardino Property. The structures on the Diocese of San Bernardino Property were demolished in 2008 and the Subject Property is proposed for redevelopment as noted above.

Waterstone prepared a Phase I ESA for the Subject Properties (July 23, 2020) which identified areas of soil impacts reported in a 2002 study at the Diocese of San Bernardino Property as a Recognized Environmental Condition (REC). The report also noted the presence of three water supply wells, three septic systems, piles of trash and debris, and the potential for past use of

pesticides. To evaluate historical uses and those areas where soil impacts were previously identified, Waterstone performed an additional Phase II investigation (March 10, 2022) consisting of the collection of soil and soil vapor samples. Soil samples were collected from nine locations and analyzed for total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and organochlorine pesticides (OCPs). Soil vapor samples were collected at three locations for analysis of volatile organic compounds (VOCs) and methane. The previous sample locations are shown on Figures 3 and 4. Analytical results from the 2022 study are summarized in Tables 1 and 2. Waterstone concluded that minor impacts of TPH found during the study were *de minimis*.

PURPOSE

The purpose of the additional Phase II investigation was to perform additional research and Phase II sampling in response to comments received from the City of Calimesa.

SCOPE OF WORK

The additional research and Phase II investigation included the following:

- Research for additional water supply wells.
- Additional research for hazardous material pipelines that may be located at or adjacent to the project site.
- The collection of soil samples at twenty nine (29) locations and soil vapor at eleven (11) locations across the properties for analysis of chemicals of concern to further evaluate the historical areas of concern.

RESEARCH OF WATER WELLS AND PIPELINES

Waterstone performed additional research on water supply wells and hazardous materials pipelines in response to City comments.

Water Wells

In 2002, three water supply wells (2S2W25B02S, B03S, and B04S) were identified on the Diocese of San Bernardino Property in a Limited Phase II Environmental Site Assessment prepared by MLE Environmental Technologies (*note: well logs obtained by Waterstone from DWR indicate that Well B04S is located off of the Subject Property*). In 2007, RM Environmental, Inc. identified one active well and one inactive well. During Waterstone's 2020 Phase I site reconnaissance, three wells (two inactive supply wells and one monitoring well) were observed (see Figure 2). Historical topographic maps identified up to two wells present (in 1967, 1979, 1996). According to permits from the County of Riverside, one well (#WP0018622)

was abandoned in 2008. Identification of the wells was from County permits, topographic maps, DWR records, and observations during site inspections.

In response to City Comment #45, additional research for water wells was conducted by reviewing online GIS water well maps from:

- Riverside County (https://countyofriverside.maps.arcgis.com/apps/webappviewer/index.html?id=52a006e2361d4819bc0dc711b53f5533);
- California Department of Water Resources Well Completion Report Map Application (https://dwr.maps.arcgis.com/apps/webappviewer/index.html?id=181078580a214c0986e2da28f8623b37);
- The California State Water Resources Control Board's public water wells on GeoTracker (https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=10200+calimesa+blvd.%2C+calimesa%2C+ca); and
- The Groundwater Ambient Monitoring and Assessment Program Groundwater Information System (GAMA GIS) (https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/)

The County of Riverside map identified one abandoned well (#WP0018622 in 2008 - same as above) on the Subject Properties, located in the pasture area on the Diocese of San Bernardino Property. No other wells were identified.

The existing wells as noted during the 2020 site inspection will be properly abandoned prior to development of the Subject Properties. Any other wells encountered or identified during site redevelopment activities will likewise be abandoned.

Hazardous Materials Pipelines

In response to City Comment #127, Waterstone reviewed records for hazardous material pipelines from the United States Department of Transportation, Pipeline Hazardous Materials Safety Administration to determine whether hazardous material pipelines are located at or adjacent to the project site.

A review of the U.S. DOT National Pipeline Mapping System and SoCal Gas's Gas Transmission Pipeline Interactive Map indicates that there are no gas transmission, high pressure distribution, or hazardous liquid pipelines on or near (within 1.5 miles of) the Subject Properties. Hyperlinks for these sources are listed below.

- https://pvnpms.phmsa.dot.gov/PublicViewer/
- https://socalgas.maps.arcgis.com/apps/webappviewer/index.html?id=aaebac8286ea4e4b8e425e47771b8138

ADDITIONAL PHASE II INVESTIGATION

Pre-field Activities

Prior to conducting field sampling activities, the following pre-field tasks were completed:

- Update of the site-specific Health and Safety Plan;
- Coordination of access to the Subject Property with the property owner;
- Site visit to mark the proposed sample locations in white paint in accordance with Underground Service Alert (USA) procedures as required by law and notification to USA of the proposed drilling at least 72 hours prior to sampling;
- Preparation and calibration of field equipment.

Field Sampling Activities

On December 27, 2023, soil samples were collected using hand auger tools at twenty nine (29) locations, eleven (11) of which were co-located with soil vapor probes (see Figures 3 and 4). Field sampling procedures are included in Attachment B. The sample locations were designed to target the following areas and chemicals of concern as outlined in the City's comments:

<u>Stearns Property</u>

- Arsenic in the area of the former orchards; and
- OCPs adjacent to the vacant residential structure.

<u>Diocese of San Bernardino Property</u>

- TPH, VOCs, SVOCs, and metals at the former main barn, vehicle paint spray booth, and welding equipment storage area;
- TPH, VOCs, and metals at the former bus pit;
- Metals at the former waste oil storage area;
- TPH, polyaromatic hydrocarbons (PAHs), and metals at the materials laydown area;
- Arsenic in the fields/pasture area and cherry/apple orchards;
- TPH, PAHs, and metals in the former stockpiled power poles area;
- VOCs and metals in the former waste oil aboveground storage tank (AST) area; and
- TPH, VOCs, and metals within the foreman's storage area and the battery/lube oil storage area on the western exterior side of the main barn.

The City approved to defer asbestos/lead testing at former structures and potholing related to potential septic systems and water wells as a condition of approval.

Soil Sampling

Soil samples were collected at various depths ranging from near-surface (0.5 feet) to eight feet below ground surface (bgs). All samples were screened in the field with a photoionization detector (PID) for volatile compounds during sample collection. Soils were logged in the field by a geologist working under the oversight of a California-registered Professional Geologist. Boring logs are included in Attachment C. Equipment was decontaminated between boreholes and prior to the collection of each sample. Soil cuttings and decontamination water were containerized and stored temporarily onsite pending analysis results for possible offsite disposal.

Soil samples were submitted to Enthalpy Analytical (Enthalpy), a stationary NELAP-certified laboratory located in Orange, California. Soil samples were analyzed according to the sampling plan for:

- TPH (gasoline, diesel, and/or oil range) by EPA Method 8015B;
- VOCs by EPA Method 8260B/5035;
- SVOCs by EPA Method 8270C;
- PAHs by EPA Method 8270C SIM;
- Title 22 metals by EPA Method 6010B/7471A;
- Arsenic by EPA Method 6020; and/or
- OCPs by EPA Method 8081A.

Soil Vapor Probes and Sampling

Soil vapor probes were installed at eleven (11) locations with a single-depth soil vapor probe installed at 5 or 8 feet bgs at each location. Probe installation and sampling were performed in general accordance with the July 2015 California Environmental Protection Agency (DTSC/Los Angeles and San Francisco Bay Regional Water Quality Control Board's) Advisory for Active Soil Gas Investigations (Advisory).

The vapor probes were constructed with ¼-inch diameter Nylaflow tubing extending to the surface with an attached porous vapor inlet filter at the target depth. A sand filter pack consisting of clean, kiln-dried #2/12 Monterey sand was extended six inches below and six inches above the depth of the vapor point. The filter pack was topped with a seal of dry bentonite followed by hydrated bentonite between each probe to near the surface.

Soil vapor probe purging and sampling were performed on January 4, 2024 following a minimum equilibration wait time of 48 hours as required by the Advisory. Samples were

collected in a 1-liter batch-certified summa canisters and analyzed by Jones Environmental for VOCs by EPA Method 8260B. Samples were analyzed within hold times in accordance with the Advisory. Leak testing and shut-in testing were performed in accordance with the Advisory. Following soil vapor sample collection, the soil vapor wells were abandoned in accordance with the Advisory.

SUMMARY OF RESULTS

No discolored or odorous soil was identified during sampling collection activities, and there were no notable PID readings during field screening for VOCs. Laboratory results for soil and soil vapor analysis are summarized in Tables 3, 4 and 5. Laboratory reports and chain of custody documents are provided in Attachment D.

Analytical Results and Discussion

For evaluation of risk to human health, soil results were compared against residential and commercial screening levels from the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office's (HERO) Note 3 (June 2020 – revised May 2022), the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) (January 2019), and/or the U.S. EPA's Regional Screening Levels (RSLs) (November 2023). Arsenic results were compared against the DTSC-established background level of 12 mg/kg for southern California. Soil vapor results were compared against screening levels using an attenuation factor of 0.03 in accordance with the February 2023 Supplemental Vapor Intrusion Guidance. A summary of the scope and analytical results sorted by City comment number and by area is provided below.

- **47. Stearns Former Orchards** – Near-surface soil samples were collected at four locations (O-1 through O-4) at a depth of 0.5 feet bgs and analyzed for arsenic.
  - Arsenic was detected from 2.2 to 3.3 milligrams per kilogram (mg/kg), consistent with background concentrations.

- **48. Stearns Vacant Residence** – Near-surface soil samples were collected at two locations (RES-1 and RES-2) at a depth of 0.5 feet and analyzed for OCPs.
  - 4,4'-DDE was detected at 5.4 µg/kg, which is well below screening levels. No other OCPs were detected.

- **50. Former Main Barn, Vehicle Paint Spray Booth, and Welding Equipment Storage Area** – Three soil borings (MB-1 through MB-3) were drilled to five feet bgs. Soil samples were collected at depths of one and five feet bgs and analyzed according to the sampling plan for TPH-d, TPH-o, VOCs, and metals. Soil vapor probes were installed in each boring at a depth of five feet bgs.
  - No TPH-d, TPH-o, or VOCs were detected in any of the samples analyzed.

- Concentrations of detected metals were below all screening levels or, in the case of arsenic, consistent with background concentrations.
- No VOCs were detected in soil vapor.

- **51. Former Bus Barn** - Four soil borings (BB-1 through BB-4) were drilled to eight feet bgs. Soil samples were collected at depths of one, four, and eight feet bgs and analyzed according to the sampling plan for TPH-g, TPH-d, TPH-o, VOCs, and metals. Soil vapor probes were installed in each boring at a depth of eight feet bgs.
  - No TPH-g, TPH-d, TPH-o, or VOCs were detected in any of the samples analyzed.
  - Concentrations of detected metals were below all screening levels or, in the case of arsenic, consistent with background concentrations.
  - Detections in soil vapor included toluene in two probes up to 22 micrograms per cubic meter ($\mu g/m^3$), well below the residential screening level.

- **52 and 56. Former AST and Waste Oil Storage Areas** – At the former AST/waste oil storage area, two soil borings (WO-1 and WO-2) were drilled to a depth of five feet bgs. Soil samples were collected at depths of one and five feet bgs and analyzed according to the sampling plan for VOCs and metals. Two soil vapor probes were installed at a depth of five feet bgs. At the former waste oil storage area, two near-surface soil samples (WO-3 and WO-4) were collected at a depth of one foot bgs and analyzed for metals.
  - No VOCs were detected in the soil samples analyzed.
  - Concentrations of detected metals were below all screening levels or, in the case of arsenic, consistent with background concentrations.
  - No VOCs were detected in soil vapor.

- **53. Former Material Laydown Area** – Near-surface soil samples were collected from two locations (ML-1 and ML-2) at a depth of one foot bgs and analyzed according to the sampling plan for TPH-d, TPH-o, metals, and PAHs.
  - No TPH-d, TPH-o, or PAHs were detected in any of the samples analyzed.
  - Concentrations of detected metals were below all screening levels or, in the case of arsenic, consistent with background concentrations.

- **54. Former Fields/Pasture and Cherry Orchards** – Near-surface soil samples were collected at six locations, including two in the fields/pasture (PA-1, PA-2) and four in the cherry orchards (CO-1 through CO-4) at a depth of 0.5 feet bgs and analyzed for arsenic.
  - Arsenic was detected from 1.4 to 2.5 mg/kg, consistent with background concentrations.

- **55. Former Power Pole Storage Area** – Near-surface soil samples were collected from two locations (PP-1 and PP-2) at a depth of one foot bgs and analyzed according to the sampling plan for TPH-d, TPH-o, metals, and PAHs.
  - No TPH-d or TPH-o were detected in any of the samples analyzed.
  - Concentrations of detected metals were below all screening levels or, in the case of arsenic, consistent with background concentrations.
  - Detections and maximum concentrations of PAHs are summarized below, none of which exceed screening levels.

PAH Compound	Micrograms per kilogram (µg/kg)
Acenaphthylene	33
Anthracene	44
Benzo(a)anthracene	87
Benzo(a)pyrene	88
Benzo(a)pyrene	380
Benzo(g,h,i)perylene	82
Benzo(k)fluoranthene	120
Chrysene	300
Dibenz(a,h)anthracene	23
Fluoranthene	490
Indeno(1,2,3-cd)pyrene	120
Phenanthrene	210
Pyrene	430

- **57. Former Foreman's Storage Area** – One soil boring (FS-1) was drilled to a depth of five feet bgs. Soil samples were collected at depths of one and five feet bgs and analyzed according to the sampling plan for TPH-d, TPH-o, VOCs, and metals. A soil vapor probe was installed at a depth of five feet bgs.
  - No TPH-d, TPH-o or VOCs were detected in any of the samples analyzed.
  - Concentrations of detected metals were below all screening levels or, in the case of arsenic, consistent with background concentrations.
  - Detections in soil vapor included tetrachloroethene (PCE) of 19 µg/m^3, toluene at 9 µg/m^3, and tertiary-butyl alcohol (TBA, a fuel oxygenate) at 743 µg/m^3. The PCE is slightly above the residential screening level of 15.3 µg/m^3, the toluene is below, and there is no screening level for TBA.

- **57. Former Battery Storage Lube Oil Area** – One soil boring (BLO-1) was drilled to a depth of five feet bgs. Soil samples were collected at depths of one and five feet bgs and analyzed according to the sampling plan for TPH-d, TPH-o, VOCs, and metals. A soil vapor probe was installed at a depth of five feet bgs.
  - No TPH-d, TPH-o, or VOCs were detected in any of the samples analyzed.
  - Concentrations of detected metals were below all screening levels or, in the case of arsenic, consistent with background concentrations.
  - No VOCs were detected in soil vapor.

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

Additional research and Phase II sampling were performed to address comments received from the City of Calimesa as part of the EIR and development review process. Additional research was performed on water supply wells and hazardous materials pipelines. Additional Phase II sampling consisted of the sampling and analysis of soil samples from twenty nine (29) locations at depths from 0.5 to eight feet bgs, and the installation of soil vapor probes at eleven (11) locations for the sampling and analysis of soil vapor. Below is a summary of findings in response to the City's comments on these items.

City Comment #45 Re: Water Supply Wells - Based on the findings of Waterstone's studies from 2020 to 2023 and the results of additional research performed during the current study, there are currently two inactive water supply wells and one monitoring well known to be present at the Subject Property. The research performed during this study did not identify any additional wells. The wells will be properly abandoned prior to redevelopment of the Subject Properties. If additional wells are encountered as part of the site redevelopment activities, they will be likewise abandoned.

City Comment #46 Re: Septic Systems – Additional study and field potholing will be performed in preparation for site redevelopment. The City allowed for deferral of this task as a condition of approval.

City Comment #127 Re: Hazardous Materials Pipelines – The additional research performed as part of this study indicated that there are no gas transmission, high pressure distribution, or hazardous liquid pipelines on or near (within 1.5 miles) the Subject Properties.

City Comments #s 47, 48, 50, 51, 52, 53, 54, 55, 56, and 57 Re: Additional Sampling and Analysis – Soil samples were collected from 29 locations and analyzed for chemicals of concern in response to the City's comments. Soil vapor probes were installed at 11 locations for sampling and analysis of soil vapor where evaluation of VOCs was warranted.

All soil and soil vapor results were below both residential and commercial screening levels with one minor exception; that being a single detection of PCE in soil vapor at 19 µg/m^3, just slightly above the residential screening level of 15.3 µg/m^3. There were no other detections of PCE in either soil or in soil vapor, and this result does not indicate a release or source area that would require further study or remediation. Furthermore, this is located in a cut area which will be cut at least 15 feet below the existing grade.

City Comment #49 Re: RECs on Stearns Property - The results of the additional Phase II sampling confirm there are no RECs on the Stearns property as concluded in Waterstone's July 23, 2020 Phase I ESA Report.

Based on the results of Waterstone's previous studies and this additional investigation, Waterstone recommends no further sampling or remediation. Waterstone recommends that a Soils Management Plan be followed to address any stained or odorous soil that may be observed during any future site grading activities.

The City approved to defer asbestos/lead testing at former structures and potholing related to potential septic systems and water wells as a condition of approval.

If you have any questions regarding this summary report, please contact me at (714) 414-1122.

Sincerely,

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Mark Shifflett
Managing Principal Environmental Scientist
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Jeffrey V. Daggrgian, Ph.D.
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Attachments:
Table 1 – Previous Soil Sample Results – 2022
Table 2 – Previous Soil Vapor Sample Results - 2022
Table 3 – Additional Phase II Soil Results TPH, VOCs, Metals, OCPs
Table 4 - Additional Phase II Soil Results SVOC/PAHs
Table 5 – Additional Phase II Soil Vapor Results
Figure 1 – Subject Property Location Map
Figure 2 – Vicinity Map

Figure 3 – Stearns Property Site Map
Figure 4 – Diocese of San Bernardino Property Site Map
A – City Comments and Responses
B – Field Protocols
C - Boring Logs
D - Laboratory Reports

Tables

Table 1
Previous Soil Sample Results 2022
10300 Calimesa Blvd.
Calimesa, CA

Sample ID	Sample Depth (ft bgs)	Sample Date	TPH by EPA Method 8015B (mg/kg)		SVOCs by EPA Method 8270C (µg/kg)	Title 22 Metals by EPA Method 6010B/7471A (mg/kg)										OCPs by EPA Method 8081A (µg/kg)	
			DRO	ORO	All SVOCs	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Nickel	Vanadium	Zinc	All Other Metals	Chlordane	All other OCPs
B1-0.5	0.5	02/10/22	--	--	--	--	--	--	--	--	7.5	--	--	--	--	--	--
B2-0.5	0.5	02/10/22	--	--	--	--	--	--	--	--	3.9	--	--	--	--	--	--
B3-0.5	0.5	02/10/22	<10	<10	--	1.3	49	11	6.9	15	9.8	9.0	36	64	ND	60	ND
B4-0.5	0.5	02/10/22	1,200	380	--	1.4	95	14	11	24	12	14	51	45	ND	--	--
B4-2	2	02/10/22	<10	<10	--	--	--	--	--	--	--	--	--	--	--	--	--
B5-0.5	0.5	02/10/22	<10	<10	--	1.4	85	15	12	26	5.5	15	58	44	ND	--	--
B6-0.5	0.5	02/10/22	<9.9	17	--	<1.1	78	12	8.0	25	8.6	10	36	92	ND	--	--
B7-0.5	0.5	02/10/22	<10	<10	ND	1.6	93.00	15	12	27	5.7	15	60	48	ND	--	--
Commercial Screening Level			1,200[4]	180,000[4]	--	12[3]	220,000[2]	1,800,000[2]	350[2]	47,000[2]	500[1]	11,000[1]	5,800[2]	350,000[2]	--	6,100[1]	--
Residential Screening Level			260[4]	12,000[4]	--	12[3]	15,000[2]	120,000[2]	23[2]	3,100[2]	80[1]	820[1]	390[2]	23,000[2]	--	17,000[1]	--

Notes:

--	Not Analyzed/Not Applicable	EPA	Environmental Protection Agency
ND/<	Not Detected above noted Reporting Limit	TPH	Total Petroleum Hydrocarbons
mg/kg	milligrams per kilogram	DRO	Diesel Range Organics
ug/kg	micrograms per kilogram	ORO	Oil Range Organics
bgs	below ground surface	SVOCs	Semi Volatile Organic Compounds
	Exceeds residential screening level	OCPs	Organochlorine Pesticides

Screening Levels:

[1] DTSC Hero Note 3 (June 2020 - Revised May 2022)

[2] US EPA Regional Screening Levels (November 2023)

[3] The screening level of 12 ppm for arsenic is within the range of naturally-occurring background levels for California soils as cited in Bradford et. al., "Background Concentrations of Trace and Major Elements in California Soils", Kearney Foundation Special Report, UC-Riverside and CAL-EPA DTSC, March 1996.

[4] SF Bay RWQCB Commercial Human Health Environmental Screening Levels (January 2019)

Table 2
Previous Soil Vapor Sampling Results (2022)
10300 Calimesa Blvd.
Calimesa, CA

Sample ID	Sample Depth (feet bgs)	Sample Date	VOCs by EPA Method 8260B (µg/m3)													Field Reading Landtec GEM5000 (%)
			Freon 12	Methylene Chloride	Benzene	Trichloroethene	Toluene	Tetrachloroethene	Ethylbenzene	m,p-Xylenes	o-Xylene	4-Ethyltoluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	All Other VOCs	Methane
SV-3-5	5	2/14/2022	**1.8**	**6.0**	**2.4**	**2.8**	**33**	**2.6**	**9.6**	**28**	**11**	**2.8**	**7.8**	**2.1**	ND	0
SV-4-5	5	2/14/2022	**1.9**	**17**	<1.0	<1.7	**1.4**	<2.2	<1.4	<2.8	<1.4	<1.6	<1.6	<1.6	ND	0
SV-7-5	5	2/14/2022	**1.8**	**3.4**	<1.1	<1.8	<1.3	<2.3	<1.5	<3.0	<1.5	<1.7	<1.7	<1.7	ND	0
Residential Soil Vapor Screening Level			3,333	33	3.2	16	10,333	15.3	37	3,333	3,333	--	2,100	2,100	--	--
Commercial Soil Vapor Screening Level			14,667	400	14	100	43,333	67	163	14,667	14,667	--	8,667	8,667	--	--

Notes:
µg/m3 - micrograms per cubic meter
bgs - below ground surface
VOCs - Volatile Organic Compounds
< Denotes not detected above the Reporting Limit (RL) indicated
-- Denotes not available

Soil vapor screening levels calculated using ambient air screening levels from DTSC HERO Note 3 (June 2020), SFRWQCB ESLs (2019), or EPA RSLs (November 2023) with an attenuation factor of 0.03.

Table 3
Additional Phase II Soil Sample Results for TPH, VOCs, Metals, and OCPs
9950-10300 Calimesa Blvd.
Calimesa, CA

Sample ID	Sample Depth (feet bgs)	Sample Date	TPH by EPA Method 8015B (mg/kg)			VOCs and Fuel Oxygenates by EPA Method 8260B (µg/kg)			Title 22 Metals by EPA Method 6010B/6020/7471A (mg/kg)											OCPs by EPA Method 8081A (µg/kg)		
			GRO	DRO	ORO	PCE	Toluene	All Other VOCs	Arsenic	Barium	Beryllium	Chromium	Cobalt	Copper	Lead	Nickel	Vanadium	Zinc	All Other Metals	Chlordane	4,4'-DDE	All other OCPs
Stearns Property																						
O-1	0.5	12/27/23	--	--	--	--	--	--	**2.5**	--	--	--	--	--	--	--	--	--	--	--	--	--
O-2	0.5	12/27/23	--	--	--	--	--	--	**3.3**	--	--	--	--	--	--	--	--	--	--	--	--	--
O-3	0.5	12/27/23	--	--	--	--	--	--	**2.2**	--	--	--	--	--	--	--	--	--	--	--	--	--
O-4	0.5	12/27/23	--	--	--	--	--	--	**3.1**	--	--	--	--	--	--	--	--	--	--	--	--	--
RES-1	0.5	12/27/23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<51	<5.1	ND
RES-2	0.5	12/27/23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<50	**5.4**	ND
Diocese of San Bernardino Property																						
MB-1	1	12/27/23	--	<10	<10	--	--	--	**2.2**	**82**	**0.58**	**16**	**11**	**24**	**5.5**	**14**	**54**	**42**	ND	--	--	--
	5		--	--	--	<4.7	<4.7	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MB-2	1	12/27/23	--	<10	<10	--	--	--	**1.9**	**75**	**0.56**	**17**	**11**	**22**	**4.4**	**15**	**49**	**40**	ND	--	--	--
	5		--	--	--	<4.4	<4.4	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MB-3	1	12/27/23	--	<10	<10	--	--	--	**2.4**	**81**	**0.54**	**16**	**11**	**25**	**11**	**15**	**50**	**64**	ND	--	--	--
	5		--	--	--	<4.3	<4.3	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BB-1	1	12/27/23	--	<10	<10	--	--	--	**1.9**	**86**	<0.48	**17**	**12**	**22**	**8.8**	**15**	**58**	**51**	ND	--	--	--
	4		<3.0	<10	<10	<4.5	<4.5	ND	**1.1**	**79**	<0.48	**15**	**11**	**22**	**3.6**	**14**	**56**	**37**	ND	--	--	--
	8		<2.6	<10	<10	<4.4	<4.4	ND	**1.4**	**96**	<0.49	**15**	**12**	**23**	**3.4**	**14**	**60**	**36**	ND	--	--	--
BB-2	1	12/27/23	--	<9.9	<9.9	--	--	--	**1.5**	**90**	<0.49	**17**	**12**	**25**	**4.2**	**15**	**62**	**41**	ND	--	--	--
	4		<2.7	<9.9	<9.9	<4.5	<4.5	ND	**1.4**	**92**	<0.50	**16**	**12**	**22**	**2.9**	**15**	**58**	**36**	ND	--	--	--
	8		<2.7	<9.9	<9.9	<5.0	<5.0	ND	**1.5**	**80**	**0.49**	**17**	**10**	**20**	**5.3**	**14**	**45**	**41**	ND	--	--	--
BB-3	1	12/27/23	--	<10	<10	--	--	--	**1.3**	**91**	<0.48	**16**	**12**	**25**	**3.9**	**15**	**63**	**43**	ND	--	--	--
	4		<3.1	<10	<10	<4.1	<4.1	ND	**1.2**	**76**	<0.48	**13**	**8.3**	**17**	**2.5**	**11**	**44**	**44**	ND	--	--	--
	8		<3.6	<9.9	<9.9	<5.4	<5.4	ND	**2.1**	**81**	**0.63**	**17**	**12**	**22**	**4.3**	**14**	**59**	**42**	ND	--	--	--
BB-4	1	12/27/23	--	<10	<10	--	--	--	**1.6**	**110**	<0.48	**16**	**14**	**30**	**3.3**	**16**	**72**	**46**	ND	--	--	--
	4		<3.1	<9.9	<9.9	<6.9	<6.9	ND	**1.6**	**93**	<0.49	**17**	**12**	**25**	**2.9**	**15**	**61**	**39**	ND	--	--	--
	8		<2.6	<9.9	<9.9	<4.3	<4.3	ND	<0.96	**52**	<0.48	**11**	**9.2**	**16**	**2.8**	**9.3**	**35**	**27**	ND	--	--	--
WO-1	1	12/27/23	--	--	--	--	--	--	**1.5**	**79**	**0.51**	**13**	**11**	**21**	**13**	**12**	**44**	**64**	ND	--	--	--
	5		--	--	--	<5.4	<5.4	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WO-2	1	12/27/23	--	--	--	--	--	--	**1.9**	**86**	**0.55**	**15**	**12**	**27**	**11**	**14**	**50**	**73**	ND	--	--	--
	5		--	--	--	<4.9	<4.9	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WO-3	1	12/27/23	--	--	--	--	--	--	**2.6**	**99**	**0.57**	**16**	**13**	**28**	**14**	**15**	**57**	**93**	ND	--	--	--
WO-4	1	12/27/23	--	--	--	--	--	--	**2.6**	**99**	**0.57**	**16**	**13**	**28**	**14**	**15**	**57**	**93**	ND	--	--	--
ML-1	1	12/27/23	--	<9.9	<9.9	--	--	--	**2.4**	**88**	**0.55**	**16**	**11**	**25**	**21**	**15**	**52**	**160**	ND	--	--	--
ML-2	1	12/27/23	--	<10	<10	--	--	--	**1.2**	**70**	<0.50	**12**	**11**	**19**	**11**	**11**	**41**	**46**	ND	--	--	--
PA-1	0.5	12/27/23	--	--	--	--	--	--	**1.8**	--	--	--	--	--	--	--	--	--	--	--	--	--
PA-2	0.5	12/27/23	--	--	--	--	--	--	**1.4**	--	--	--	--	--	--	--	--	--	--	--	--	--
CO-1	0.5	12/27/23	--	--	--	--	--	--	**1.8**	--	--	--	--	--	--	--	--	--	--	--	--	--
CO-2	0.5	12/27/23	--	--	--	--	--	--	**2.3**	--	--	--	--	--	--	--	--	--	--	--	--	--
CO-3	0.5	12/27/23	--	--	--	--	--	--	**2.5**	--	--	--	--	--	--	--	--	--	--	--	--	--
CO-4	0.5	12/27/23	--	--	--	--	--	--	**1.7**	--	--	--	--	--	--	--	--	--	--	--	--	--
PP-1	1	12/27/23	--	**11**	**36**	--	--	--	**2.2**	**62**	<0.50	**15**	**7.7**	**18**	**11**	**12**	**33**	**74**	ND	--	--	--
PP-2	1	12/27/23	--	**15**	**29**	--	--	--	**4.0**	**69**	<0.50	**18**	**8.9**	**21**	**21**	**13**	**37**	**77**	ND	--	--	--
FS-1	1	12/27/23	--	<10	<10	--	--	--	**1.8**	**67**	<0.50	**15**	**12**	**22**	**18**	**13**	**46**	**100**	ND	--	--	--
	5		--	--	--	<4.0	<4.0	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BLO-1	1	12/27/23	--	<10	<10	--	--	--	**2.1**	**86**	**0.59**	**13**	**12**	**25**	**7.3**	**14**	**53**	**42**	ND	--	--	--
	5		--	--	--	<4.9	<4.9	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Commercial Screening Level			2000[4]	1,200[4]	180,000[4]	2,700[1]	5,300,000[1]	--	12[3]	220,000[2]	16[1]	1,800,000[2]	350[2]	47,000[2]	500[1]	11,000[1]	5,800[2]	350,000[2]	--	6,100[1]	8,300[2]	--
Residential Screening Level			430[4]	260[4]	12,000[4]	590[1]	1,100,000[1]	--	12[3]	15,000[2]	230[1]	120,000[2]	23[2]	3,100[2]	80[1]	820[1]	390[2]	23,000[2]	--	1,700[1]	1,800[2]	--

Notes:

--	Not Analyzed/Not Applicable
ND/<	Not Detected above noted Reporting Limit
mg/kg	milligrams per kilogram
ug/kg	micrograms per kilogram
bgs	below ground surface
	Exceeds residential screening level

EPA = Environmental Protection Agency
TPH = Total Petroleum Hydrocarbons
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
ORO = Oil Range Organics
VOCs = Volatile Organic Compounds

TBA = tert-Butyl alcohol
PCE = Tetrachloroethylene
OCPs = Organochlorine Pesticides
DDE = Dichlorodiphenyldichloroethylene

Screening Levels:
[1] DTSC Hero Note 3 (June 2020 - Revised May 2022)
[2] US EPA Regional Screening Levels (November 2023)
[3] The screening level of 12 ppm for arsenic is within the range of naturally-occurring background levels fo California soils as cited in Bradford et. al., "Background Concentrations of Trace and Major Elements in California Soils", Kearney Foundation Special Report, UC-Riverside and CAL-EPA DTSC, March 1996.
[4] SF Bay RWQCB Commercial Human Health Environmental Screening Levels (January 2019)

Table 4
Additional Phase II Soil Sample Results for SVOCs/PAHs
9950-10300 Calimesa Blvd
Calimesa, CA

Sample ID	Sample Depth (feet bgs)	Sample Date	PAHs/SVOCs by EPA Method 8270C/8270C-SIM (µg/kg)													
			Acenaphthylene	Anthracene	B(a)A	B(a)P	B(b)F	B(g,h,i)P	B(k)F	Chrysene	D(a,h)A	Fluoranthene	I(1,2,3-cd)P	Phenanthrene	Pyrene	All Other SVOCs
Diocese of San Bernardino Property																
MB-1	1	12/27/23	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	ND
	5		--	--	--	--	--	--	--	--	--	--	--	--	--	--
MB-2	1	12/27/23	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	ND
	5		--	--	--	--	--	--	--	--	--	--	--	--	--	--
MB-3	1	12/27/23	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	ND
	5		--	--	--	--	--	--	--	--	--	--	--	--	--	--
ML-1	1	12/27/23	<10	<10	<10	<10	23	<10	<10	21	<10	22	<10	<10	20	--
ML-2	1	12/27/23	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--
PP-1	1	12/27/23	**23**	**29**	**51**	**35**	**200**	**33**	**60**	**200**	<9.9	**440**	**47**	**210**	**400**	--
PP-2	1	12/27/23	**33**	**44**	**87**	**88**	**380**	**82**	**120**	**300**	**23**	**490**	**120**	**190**	**430**	--
Commercial Screening Level			23,000,000[1]	130,000,000[1]	12,000[1]	1,300[1]	13,000[1]	--	130,000[1]	1,300,000[1]	310[1]	18,000,000[1]	13,000[1]	--	13,000,000[1]	--
Residential Screening Level			3,300,000[1]	17,000,000[1]	1,100[1]	110[1]	1,100[4]	--	11,000[1]	110,000[1]	28[1]	2,400,000[1]	1,100[1]	--	1,800,000[1]	--

Notes:

--	Not Analyzed/Not Applicable
ND/<	Not Detected above noted Reporting Limit
mg/kg	milligrams per kilogram
ug/kg	micrograms per kilogram
bgs	below ground surface
EPA	Environmental Protection Agency
SVOCs	semi-volatile organic compounds
PAHs	poly nuclear aromatic hydrocarbons
B(a)A	benzo(a)anthracene
B(a)P	Benzo(a)pyrene
B(b)F	Benzo(b)fluoranthene
B(g,h,i)P	Benzo(g,h,i)perylene
B(k)F	Benzo(k)fluoranthene
D(a,h)A	Dibenz(a,h)anthracene
I(1,2,3-cd)P	Indeno(1,2,3-cd)pyrene

Screening Levels:

[1] DTSC Hero Note 3 (June 2020 - Revised May 2022)

[2] US EPA Regional Screening Levels (November 2023)

[3] The screening level of 12 ppm for arsenic is within the range of naturally-occurring background levels for California soils as cited in Bradford et. al., "Background Concentrations of Trace and Major Elements in California Soils", Kearney Foundation Special Report, UC-Riverside and CAL-EPA DTSC, March 1996.

[4] SF Bay RWQCB Commercial Human Health Environmental Screening Levels (January 2019)

Table 5
Additional Phase II Soil Vapor Sampling Results
9950-10300 Calimesa Blvd.
Calimesa, CA

Sample ID	Sample Depth (feet bgs)	Sample Date	VOCs and Fuel Oxygenates by EPA Method 8260B ($\mu g/m^3$)			
			PCE	Toluene	TBA	All Other VOCs
Diocese of San Bernardino Property						
MB-1	5	1/4/2024	< 8	< 8	< 400	ND
MB-2	5	1/4/2024	< 8	< 8	< 400	ND
MB-3	5	1/4/2024	< 8	< 8	< 400	ND
BB-1	8	1/4/2024	< 8	< 8	< 400	ND
BB-2	8	1/4/2024	< 8	< 8	< 400	ND
BB-3	8	1/4/2024	< 8	**10**	< 400	ND
BB-4	8	1/4/2024	< 8	**22**	< 400	ND
BLO-1	5	1/4/2024	< 8	< 8	< 400	ND
FS-1	5	1/4/2024	**19**	**9**	**743**	ND
WO-1	5	1/4/2024	< 8	< 8	< 400	ND
WO-2	5	1/4/2024	< 8	< 8	< 400	ND
Residential Soil Vapor Screening Level (0.03 AF)			15	10,333	--	--
Commercial Soil Vapor Screening Level (0.03 AF)			67	43,333	--	--

Notes:

µg/m3 - micrograms per cubic meter

bgs - below ground surface

ND/< - not detected above the Reporting Limit (RL)

-- Not available

VOCs Volatile Organic Compounds

TBA tert-Butyl alcohol

PCE Tetrachloroethylene

Screening levels calculated using ambient air screening levels from DTSC HERO Note 3 (June 2020-Rev May 2022) or EPA RSLs (November 2023) with noted attenuation factor (AF)

Figures

Figure 1 - Subject Property Location Map

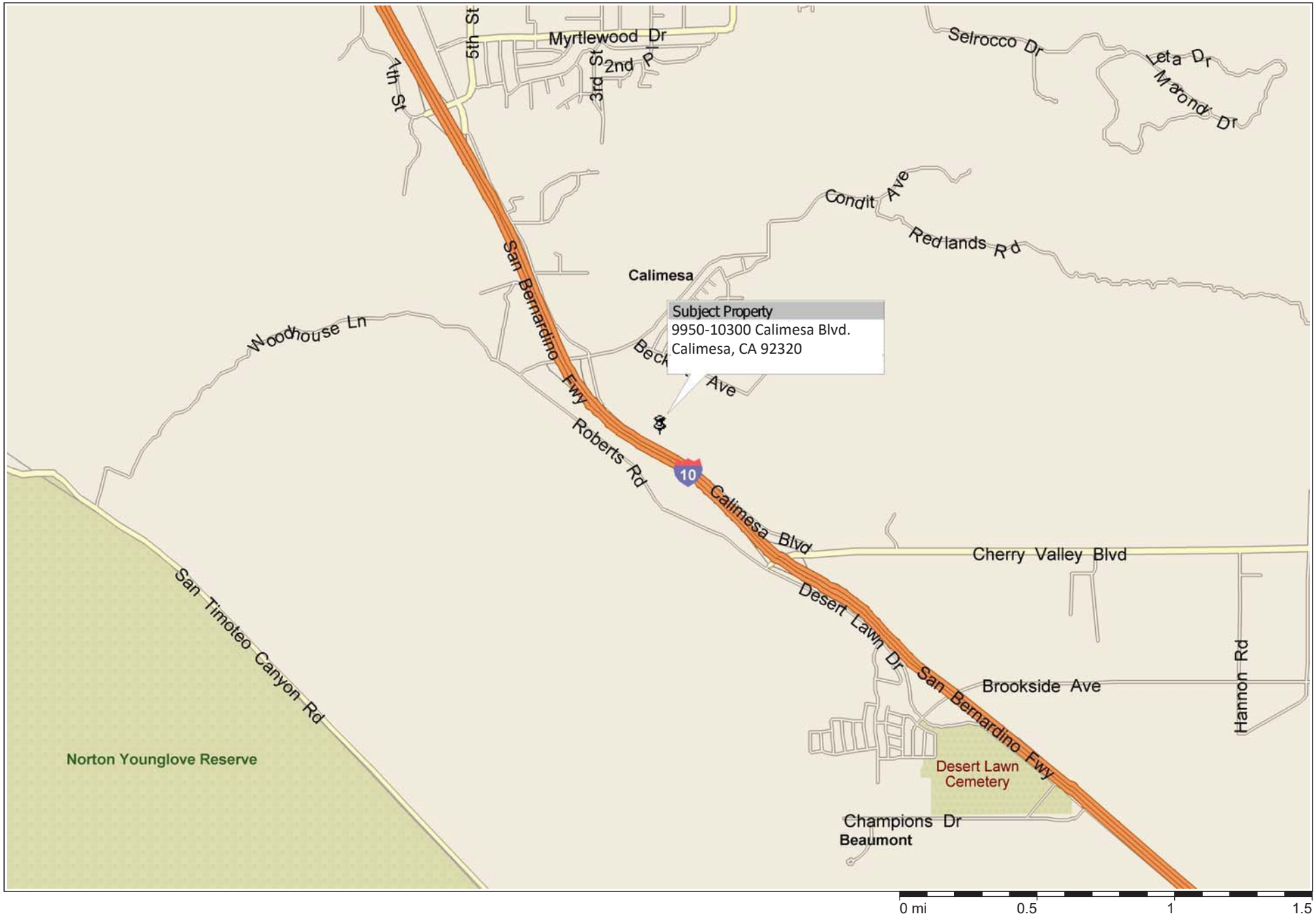


Figure 2
Subject Property Vicinity Map

9950 and 10300 Calimesa Blvd.
Calimesa, CA 92320

Legend

Approximate Subject Property Boundary

NORTH

0' 250' 500'
Approximate Scale

Waterstone Environmental, Inc.
2936 East Coronado Street
Anaheim, California 92806

Drafted By: HLF	Project No.: 20-113
Approved By: MS	Date: 3-9-2020

Figure 3
Sample Location Map - Stearns Property

9950 Calimesa Blvd.
Calimesa, CA 92320

Legend

- Approximate Subject Property Boundary
- 2022 Soil Sample Location
- 2023 Soil Sample Location

NORTH

0' 50' 100'
Approximate Scale

Waterstone Environmental, Inc.
2936 East Coronado Street
Anaheim, California 92806

Drafted By: HLF	Project No.: 22-101
Approved By: MS	Date: 2-14-2024

Figure 4
Sample Location Map - Diocese of San Bernardino Property
10300 Calimesa Blvd.
Calimesa, CA 92320

Legend

- Approximate Subject Property Boundary
- 2022 Soil Sample Location
- 2022 Soil Vapor Sample Location
- 2023 Sample Location

NORTH

0' 50' 100'
Approximate Scale

Waterstone Environmental, Inc.
2936 East Coronado Street
Anaheim, California 92806

Drafted By: HLF	Project No.: 22-101
Approved By: MS	Date: 2-14-2024

Note: Aerial imagery from 2005, prior to demolition of onsite structures.

Attachment A

City of Calimesa Comments and Responses to Comments

Comment No.	Document Section or Subsection No./Title or Figure; Page numbers included where applicable	Comments – Round 1	Applicant/Consultant Response
44.	Table 3-1	The title of this table is "Construction Duration A", possibly implying that there are multiple durations (e.g., A, B, C, etc.). Please clarify why there is only an "A."	
Appendix K.1 – Phase I ESA (Waterstone)			
45.	Section 7.2 – Subject Property Inspection Observations; Pages 19-20	Three likely water supply wells were identified at the Diocese of San Bernardino Property, but it does not appear a similar assessment was completed on the Stearns portion of the project site. The research completed to identify the on-site wells is unclear. Additional research and/or a geophysical survey must be conducted to determine if water supply wells are present on the Stearns Property portion of the project site.	Proposal: Summarize research to identify water wells and provide results. If unknown wells exist they will be identified and located during grading. No geophysical survey is proposed. Approved to defer as a condition of approval.
46.	Section 7.2 – Subject Property Inspection Observations; Pages 19-20 Appendix I - 2002 Limited Phase II ESA (MLE Environmental Technologies, Inc. – prepared for the Diocese of San Bernardino property) - Section 5.0 Site Reconnaissance (document does not include page #s, but text referred to can be found on page 5 of PDF)	"A minimum of three septic systems" were identified at the Diocese of San Bernardino Property, but it does not appear this same assessment was completed on the Stearns portion of the project site. The research completed to identify the on-site septic systems is unclear. Additional research must be conducted to determine if septic systems are present on the Stearns portion of the project site.	Proposal: Summarize research to identify septic systems and provide results. If unknown septic systems exist they will be identified and located during grading. No geophysical survey is proposed. Approved to defer as a condition of approval.
47.	Section 7.4.1 – Soil Sampling; Pages 23-24	During this assessment, two soil samples collected in the area of former orchards on the Stearns Property were analyzed for organochlorine pesticides (OCPs). Arsenic is also typically associated with pesticide application and may be present in soil at this area. Additional subsurface investigation for arsenic must be conducted to determine if contamination is present in the in the area of "former orchards on the Stearns Property." Specific locations regarding where samples were taken also needs to be provided.	Proposal: Collect four surface soil samples in the area of former orchards for analysis of arsenic.
48.	Section 7.4.1 – Soil Sampling; Pages 23-24	During this assessment, two soil samples collected near the former structures on the Stearns Property were analyzed for OCPs, TPH (diesel and oil ranges), and metals. Asbestos and lead may also be present in soil	Proposal: Sampling of structures for lead and asbestos was previously addressed by others.

Comment No.	Document Section or Subsection No./Title or Figure; Page numbers included where applicable	Comments – Round 1	Applicant/Consultant Response
		around the former structures from asbestos containing materials (ACM) and lead based paint (LBP) in building materials. In addition, the vacant residential structure on the Stearns Property was not surveyed for ACM or LBP, nor was soil around the building analyzed for asbestos or lead. Additional subsurface investigation for asbestos and lead must be conducted to determine if contamination is present in the area of the "former structures on the Stearns Property." Additional subsurface investigation for OCPs and lead must be conducted to determine if contamination is present adjacent to the "vacant residential structure on the Stearns Property." An ACM and LBP survey must be conducted at the "vacant residential structure on the Stearns Property" to determine if impacted building materials are present.	Collect 2 surface soil samples around the vacant residential structure on the stearns property for analysis of OCPs. ACM and LBP surveys were done by others
49.	Section 8.2.1 – Potential Subject Property Issues; Page 26	Note that because it's unclear regarding whether adequate sampling was completed on the Stearns Property during this assessment, there is no evidence to support Waterstone's conclusion that no Recognized Environmental Conditions (RECs) were identified for the Stearns Property. This issue, along with the issues described above, needs to be resolved and carried forward into DEIR Section 4.9.	If soil impacts are identified by the sampling outlined above, those areas will be considered RECs and addressed appropriately.
Appendix K.2 – Phase II ESA (Waterstone)			
50.	Sample Locations; Pages 4-5	During the 2022 assessment, one soil sample was collected in the area of the former main barn and was analyzed for TPH (diesel and oil ranges) and metals. Volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals also have the potential to be present in soil in the former main barn based on the former uses, which include a vehicle paint spray booth and welding equipment storage. In addition, based on the size of the former main barn and former uses, one soil sample is not an adequate quantity of soil samples to evaluate the potential health risk to construction workers and future occupants of the project site. Additional subsurface investigation for petroleum hydrocarbons, VOCs, SVOCs, and metals must be conducted to determine if contamination is present at the "former main barn" and "vehicle paint spray booth and	Proposal: Collect shallow soil samples from three locations at the "former main barn" and "vehicle paint spray booth and welding equipment storage" areas for analysis of TPH, VOCs, and metals.

Comment No.	Document Section or Subsection No./Title or Figure; Page numbers included where applicable	Comments – Round 1	Applicant/Consultant Response
		welding equipment storage" area on the Diocese of San Bernardino Property.	
51.	Soil Sampling Results; Pages 6-7 Summary, Conclusions, and Recommendations; Page 7	During the 2022 assessment, one soil boring was advanced in the area of the "former bus barn", which included a subsurface bus pit. The 0.5-foot soil sample in this boring contained diesel-range TPH at a concentration exceeding the residential screening level (January 2019 San Francisco Bay Regional Water Quality Control Board [RWQCB] Environmental Screening Level [ESL], accepted and used by other RWQCBs) and met the commercial/ industrial screening level (January 2019 ESL). However, the extent of impacted soil in the 60-foot-long former bus barn, with former subsurface pit estimated to be approximately 6 feet deep, is unknown. There is the potential for TPH (all ranges), metals, and VOCs to be present in soil along the length of and below the former subsurface bus pit. Additional subsurface investigation for petroleum hydrocarbons, VOCs, and metals must be conducted to determine if contamination is present along the length of, within and below the former subsurface bus pit on the Diocese of San Bernardino Property.	Proposal: Collect additional soil samples from up to four locations at the former bus barn and pit (up to 8 feet deep) for analysis of TPH, VOCs, and metals. Perform additional soil vapor sampling at a depth of 8 feet.
52.	Attachment A - 2002 Limited Phase II ESA (MLE Environmental Technologies, Inc. – prepared for the Diocese of San Bernardino property) - Section 7.3 Soils (document does not include page #s, but text referred to can be found on page 11 of PDF)	During the 2002 assessment, two soil samples collected from the "waste oil storage area" at the Diocese of San Bernardino Property were sampled for oil and grease, total recoverable petroleum hydrocarbons (TRPH), and VOCs. Metals are also typically associated with waste oil and may be present in soil in this area. Additional subsurface investigation for metals must be conducted to determine if contamination is present in the "waste oil storage area."	Proposal: Collect two additional shallow soil samples at the former waste oil storage area for analysis of metals.
53.	Attachment A - 2002 Limited Phase II ESA (MLE Environmental Technologies, Inc. – prepared for the Diocese of San Bernardino property) - Section 7.3 Soils (document does not include page #s, but text referred can be found on page 11 of PDF)	During this assessment, the soil sample collected from the "materials laydown area" (including former stockpiled power poles) at the Diocese of San Bernardino Property was sampled for SVOCs. Petroleum hydrocarbons, polycyclic aromatic hydrocarbons (PAHs), and metals are also typically associated with treated wood and may be present in soil at this area. Additional subsurface investigation for petroleum hydrocarbons, PAHs, and metals must be conducted to determine if contamination is present in the "materials laydown area."	Proposal: Collect two additional near-surface soil samples at the former materials laydown area for analysis of TPH and metals. Note: PAHs were included as part of the previous SVOC analysis.

Comment No.	Document Section or Subsection No./Title or Figure; Page numbers included where applicable	Comments – Round 1	Applicant/Consultant Response
54.	Attachment B - 2007 Phase I ESA [includes 2007 Phase II ESA results] (prepared by RM Environmental, Inc. for the Diocese of San Bernardino property) - Section 7.1 Pesticide Sampling; Page 13	During the 2007 assessment, the soil samples collected in the area of the fields/pasture area and cherry/apple orchards on the Diocese of San Bernardino Property were analyzed for organochlorine pesticides (OCPs) and polychlorinated biphenyls. Arsenic is also typically associated with pesticide application and may be present in soil at this area. Additional subsurface investigation for arsenic must be conducted to determine if contamination is present in the "fields/pasture area and cherry/apple orchards."	Proposal: Collect up to two additional surface soil samples in the fields/pasture area for analysis of arsenic.
55.	Attachment B - 2007 Phase I ESA [includes 2007 Phase II ESA results] (prepared by RM Environmental, Inc. for the Diocese of San Bernardino property) - Section 7.2 Former Power Pole Area Sampling; Page 13	During the 2007 assessment, the three soil samples collected from the "former stockpiled power poles area" at the Diocese of San Bernardino Property were sampled for SVOCs. Petroleum hydrocarbons, PAHs, and metals are also typically associated with treated wood. Additional subsurface investigation for petroleum hydrocarbons, PAHs, and metals must be conducted to determine if contamination is present in the "former stockpiled power poles area."	Proposal: Collect two additional near-surface soil samples at the former stockpiled power poles area for analysis of TPH and metals, and PAHs. Note PAHs were included as part of the previous SVOC analysis.
56.	Attachment B - 2007 Phase I ESA [includes 2007 Phase II ESA results] (prepared by RM Environmental, Inc. for the Diocese of San Bernardino property) - Section 7.3 Former Waste Oil AST Area Sampling; Page 14	During the 2007 assessment, three soil samples collected in the area of the former waste oil aboveground storage tank (AST) on the Diocese of San Bernardino Property were analyzed for TRPH. VOCs and metals are also typically associated with waste oil and may be present in soil in this area. Additional subsurface investigation for VOCs and metals must be conducted to determine if contamination is present in the "former waste oil AST area."	Proposal: Collect two additional near-surface soil samples at the former waste oil AST for analysis of VOCs and metals.
57.	Attachment A - 2002 Limited Phase II ESA (MLE Environmental Technologies, Inc. – prepared for the Diocese of San Bernardino property) - Section 7.3 Soils (document does not include page #s, but text referred can be found on Page 11 of and Attachment B - 2007 Phase I ESA [includes 2007 Phase II ESA results] (prepared by RM Environmental, Inc. for the Diocese of	The following areas of the Diocese of San Bernardino Property do not appear to have been sampled during this, or previous, subsurface investigations: • Soil within the foreman's storage area • Soil in the battery/lube oil storage area on the western exterior side of the main barn The 2002 report concluded that "a complete Phase II ESA is warranted" for the Diocese of San Bernardino Property and the 2007 Phase II ESA did not include assessment of all areas of concern. Additional subsurface investigation must be conducted to determine if contamination is present in the areas identified above.	Proposal: Collect two surface soil samples in the former foreman's storage area and the battery lube oil storage area for analysis of TPH, VOCs, and metals.

Comment No.	Document Section or Subsection No./Title or Figure; Page numbers included where applicable	Comments – Round 1	Applicant/Consultant Response
	San Bernardino property) - Section 8.0 Conclusions and Opinion; Page 15PDF)		
Appendix K.3 – Phase I and II Update Letter Report (Waterstone)			
58.		No comments.	
Appendices L.1 through L.6 – Preliminary Water Quality Management Plan (Webb)			
59.	PWQMP L1 through L6	The DEIR project description includes development of 11.2 acres of residential use, but the PWQMP exhibits do not include this residential portion of the project area. As such, a meaningful review of the entire project site, relative to water quality, could not be completed. As such, it is not clear whether the impact analyses in DEIR Section 4.10.4 adequately considered the residential portion of the project. Please provide PWQMP information that covers all portions of the project site (i.e., all on-site and off-site areas).	
60.	PWQMP L1 through L6	According to the PWQMP (Section F pertaining to hydromodification), future hydrologic analyses will be conducted to determine if the proposed underground detention system has sufficient volumes to mitigate flows to existing conditions. Provide this information in the next DEIR screencheck version, so that it can be reviewed for technical and CEQA adequacy, including confirming that no increase in peak runoff from the project site, as compared to existing conditions, would occur.	
61.	PWQMP L1 through L6 Section A.1	PWQMP Site Plans should include location of all Source Control BMPs.	
62.	PWQMP L1: BMP Site Plan-1 and 2	Symbology for legend items “roof, concrete/asphalt, and landscape” do not match what is in the drawings. Shaded regions in Site Plan 2 are not depicted in the legend. Suggest revisions for better clarity.	
Appendices M.1 though M.6 – Hydrology Report (Webb)			
63.	Hydrology Report M1 through M6	Similar to the PWQMP, the Hydrology Report is missing the 11.2-acre residential development area. As such, a full review of a necessary	

Attachment B

Field Protocols

WATERSTONE ENVIRONMENTAL, INC.,
STANDARD PROTOCOL
FOR PERFORMING A SOIL VAPOR SURVEY

The survey is performed in accordance with the protocols outlined in the California Environmental Protection Agency (DTSC/LARWQCB/SFRWQCB) Advisory for Active Soil Gas Investigations (July 2015). The soil gas sampling system is constructed of stainless-steel, poly, and Nylaflow or Teflon components. Instrumentation associated with the sampling system includes a calibrated flow-meter and vacuum gauge.

Semi-permanent soil gas boring locations will be constructed using a stainless-steel probe that will be driven into the ground using a direct push sampling rig or by drilling a boring with a hollow stem auger drill rig. The probe rod will be advanced to the desired sampling depth. The probe will then be removed from the borehole, six-inches of clean, graded sand will be poured to the bottom of the bore hole and then tubing will be inserted into the borehole. The bottom end of the tubing will be outfitted with a filter that allows for the free flow of soil gas from the formation through the tubing to the surface, where the samples were subsequently obtained. Once the tubing is in place, six-inches of clean, graded sand will be poured around the filter at the bottom of the tubing to allow for diffusion of soil vapors. One foot of non-hydrated bentonite will then be placed above the sand pack. The remaining annulus will be filled with hydrated bentonite/cement slurry to grade. A drawing of the proposed probe tip design and construction is attached. The equilibration time will be either two hours (if direct push) or 48 hours (if hollow stem auger) depending on the installation method.

A default of 3 purge volumes will be used per LARWQCB/DTSC guidance.

Leakage during soil gas sampling may dilute samples with ambient air and produce results that underestimate actual site concentrations or contaminate the sample with external contaminants. Leak tests should be conducted to determine whether leakage is present. A leak test will be conducted at every soil gas probe. A tracer compound, such as isopropanol (not a suspected chemical of concern), may be used as a leak check compound to be placed at any location where ambient air could enter the sampling system or where cross contamination may occur, immediately before sampling. The leak check compound will be replenished as needed prior to sampling at each location. Locations of potential ambient air intrusion include sample system connections, surface bentonite seals (e.g., around rods and tubing) or the top of the temporary soil gas probe. The leak test will include an analysis of the leak check compound. If a leak check compound is detected in the sample, the following actions should be followed:

- The cause of the leak should be evaluated, determined, and corrected through confirmation sampling;
- If the leak check compound is suspected or detected as a Site-specific contaminant, a new leak check compound should be used;
- If leakage is confirmed and the problem cannot be corrected, the soil gas probe should be properly decommissioned;
- A replacement probe should be installed at least 5 feet from the original probe decommissioned due to confirmed leakage, and
- The leak check compound concentration detected in the soil gas sample should be included and discussed in the report.

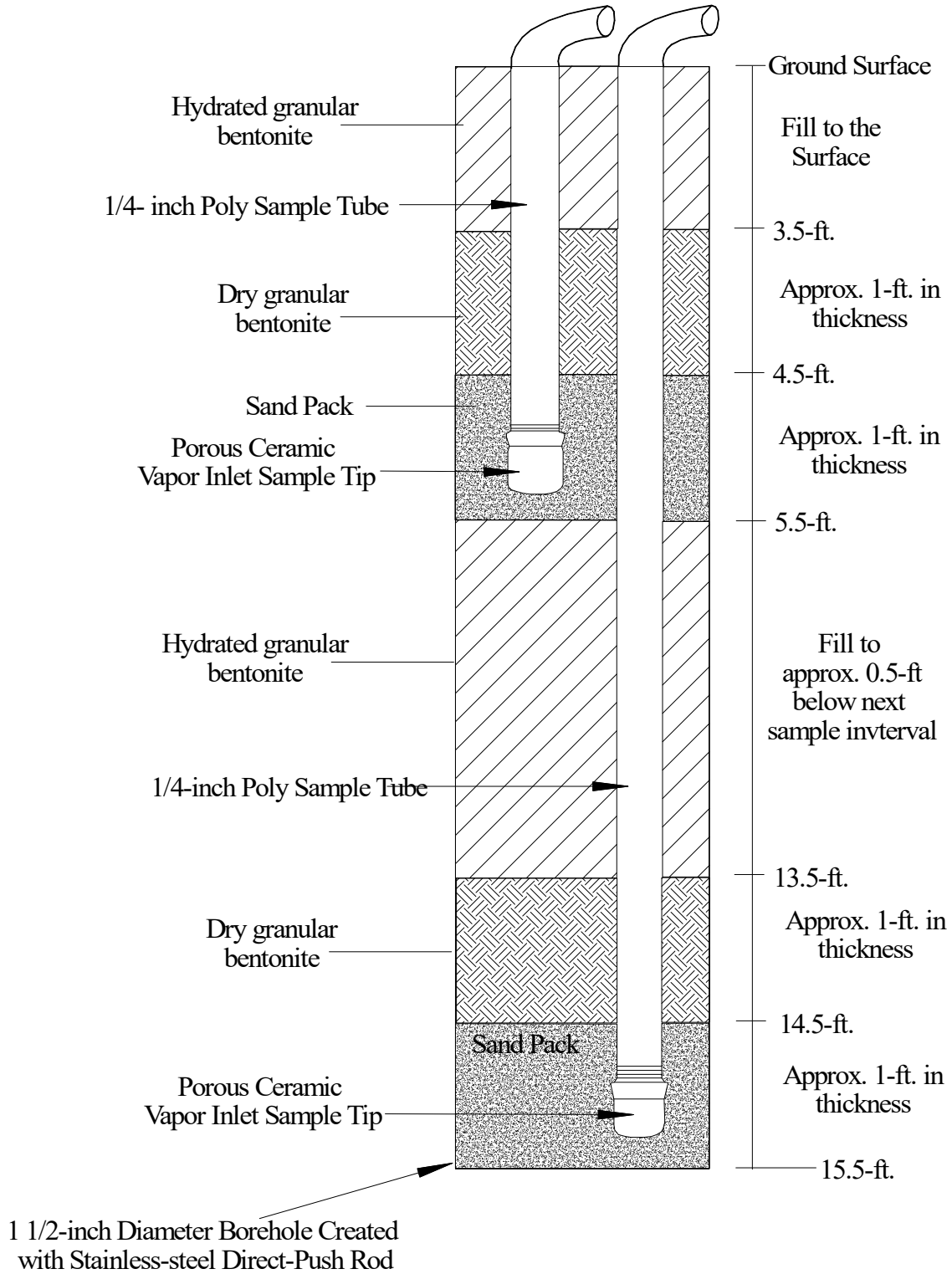
After purging, soil gas samples will be withdrawn from the tubing using a syringe fitted with a disposable needle and gas-tight valve. The soil gas samples will immediately be transferred to the on-site mobile lab for direct injection into a gas chromatograph/mass spectrometer (GC/MS) for analysis of VOCs and TPH. The soil gas sample's holding time will be 30 minutes if in glass syringes, or 6 hours if in tedlar bags. A field log will be maintained to document probe installation completion time and the start of purging time to validate the equilibration times and documentation of sample collection time to validate holding time after the sample analysis.

In accordance with the LARWQCB/DTSC protocols, a minimum of one field duplicate sample for each day of soil gas sampling will be collected and analyzed for VOCs, at a minimum frequency of five percent. The duplicate samples will be collected in separate containers immediately after the primary samples are analyzed. A soil gas method blank sample will also be analyzed for each day of soil gas sampling.

Once sampling is completed, the analytical results will be reviewed by Waterstone and DTSC prior to abandonment and destruction of the soil vapor probes. Following concurrence with DTSC, the upper portion of the borehole and the sample tubing will be removed and the borehole annulus will be backfilled with hydrated bentonite to grade.

Prior to sampling, all reusable sampling equipment is decontaminated by washing in a solution of non-phosphate soap and water. The equipment is then rinsed in tap water, and then rinsed in distilled water. The rinsate water is placed in Department of Transportation approved 55 gallon drums and centralized to an on-site location. All soil vapor sample locations are backfilled with bentonite chips and hydrated and then capped with asphalt patch or concrete to grade.

Multi-depth Gas Probe Construction Diagram



Not Drawn To Scale

Waterstone Environmental, Inc.
2936 East Coronado Street
Anaheim, California 92806

Drawn By: EG	Version: 1.0
Approved By: EG	Date: 9/19/19

WATERSTONE ENVIRONMENTAL, INC,
STANDARD PROTOCOL
FOR
SOIL SAMPLING USING DIRECT PUSH
DRILL METHOD

Undisturbed soil samples are collected using a modified piston drive sampler. The soil sampling device is deployed, by a Direct Push rig at all locations. The Direct Push unit is a rig with a hydraulic system that is used to push hollow steel rods with a sampling device at the end of the rods through the subsurface. The Direct Push rig pushes the sampling device to the targeted depth for sample retrieval.

Once the soil sampling device is positioned at the appropriate depth, the tip of the device is retracted inside the soil sampling probe and the probe is advanced 2.0 feet to allow soil to enter the sampling device. The sampling device is lined with two-foot-long acetate liners. Upon retrieval of the soil sampling device, the brass tube at the lower end of the sampler is covered with Teflon tape and plastic end caps, labeled identifying the date the sample is collected and an identification designation, and placed in a cooler to be shipped to a certified analytical laboratory.

The material in the remaining brass tubes/acetate sleeve are placed in a ziplock bag to conduct headspace testing on the material after sufficient volatilization had occurred (approximately 5 minutes). The probe of a portable photoionization detector (PID) calibrated to isobutylene is placed inside the bag to monitor for volatile organic vapors. Following headspace measurements, the sample is visually inspected by the site hydrogeologist and classified using the Unified Soil Classification System. The soil is inspected for color, texture, grain size distribution, moisture content, odor, and any other distinguishing characteristics. Lithologic data, PID readings and other pertinent data are recorded on a boring log.

Prior to sampling, all reusable sampling equipment is decontaminated by washing in a solution of non-phosphate soap and water. The equipment is then double rinsed in distilled water. The sample push rods are steam cleaned on-site between each sample location. The rinsate water is placed in Department of Transportation approved 55 gallon drums and centralized to an on-site location.

All soil sample locations are backfilled with bentonite chips and hydrated and then capped with asphalt patch or concrete to grade.

WATERSTONE ENVIRONMENTAL, INC.
STANDARD PROTOCOL
FOR
COLLECTION OF SOIL SAMPLES
USING A HOLLOW STEM AUGER DRILLING RIG

Soil samples are obtained in clean, 2-inch-diameter, 6-inch-long brass tubes using an 18-inch California modified split-spoon sampler, which is driven into undisturbed soil ahead of the auger bit. Three six-inch tubes are inserted into the split-spoon sampler. Blow counts are recorded for each 6-inch driving interval.

The lowermost tube from each sampled interval is trimmed of excess soil, sealed with squares of Teflon sheeting, plastic end caps, labeled, and stored on ice in a thermally insulated ice chest (or delivered immediately to an on-site mobile laboratory). A sample label is attached to each sample tube identifying the date the sample was collected, a unique identification number, and other identifying information. Samples are shipped or delivered under chain-of-custody procedures to a State-certified hazardous waste testing laboratory.

The middle tube of the sample is inspected for texture, color, moisture content, hydrocarbon odor, and other distinguishing characteristics. The lithology is logged using the Unified Soils Classification System and is recorded on a soil boring log.

Approximately half of the soil in the middle or upper brass tube is extruded into a plastic airlock bag for headspace analysis. The bag is sealed immediately and left to stand for a few minutes to allow volatile gases to enter the headspace of the bag. A photoionization detector (PID) calibrated to isobutylene or hexane is used in the field to determine the concentration of volatile organic compounds (VOCs) which originate from the soil sample. Field VOC readings are included on the soil boring logs.

Prior to sampling and between samples, all reusable sampling equipment is decontaminated by washing in a non-phoshate detergent (Alconox) solution. The equipment is then rinsed in tap water, and then rinsed in distilled water.

Soil cuttings generated by drilling are temporarily stored on-site in 55-gallon DOT approved barrels or soil bins, pending analytical results and proper disposal. Soil borings are backfilled to 1/2 foot below grade with hydrated bentonite chips or bentonite grout and finished to grade with native soil, asphalt or concrete.

WATERSTONE ENVIRONMENTAL, INC.
STANDARD PROTOCOL
FOR
COLLECTION OF SOIL SAMPLES
BY TERRA CORE SAMPLER

This method minimizes the loss of volatile compounds from soil samples in accordance with EPA Method 5035. Soil or other solid sampling material is collected in-situ or from the end of a sample collected by means of a drive sampler, split spoon sampler or direct push rig. In some instances, the Terra Core™ device may be driven directly into the soil, such as within an intact block of undisturbed soil brought the surface within a backhoe bucket.

Prepared glassware is obtained from the laboratory, namely 40ml glass VOAs vial containing the appropriate preservative(s). With the plunger seated in the handle, push the Terra Core™ into the soil. Wipe all soil or debris from the outside of the Terra Core™ sampler. The soil plug should be flush with the mouth of the sampler. Remove any excess soil that extends beyond the mouth of the sampler. Rotate the plunger that was seated in the handle top 90° until it is aligned with the slots in the body. Place the mouth of the sampler into the 40ml VOA vial containing the appropriate preservative, and extrude the sample by pushing the plunger down. Quickly place the lid back on the 40ml VOA vial. Repeat this process until all of the containers of a sample set are filled.

The sample is properly labelled and placed in a cooler with ice for temporary storage and transfer to the analytical laboratory.

WATERSTONE ENVIRONMENTAL, INC.
STANDARD PROTOCOL
FOR
COLLECTION OF SOIL SAMPLES
BY ENCORE® SAMPLER

Soil or other solid sampling material is collected in-situ or from the end of a sample collected by means of a drive sampler, split spoon sampler or direct push rig.

The sample media is driven into the Encore® sampler by hand. The sampler is attached to and locked into the end of a T-bar handle and driven into the sample media. The sampler allows a prescribed maximum amount of soil to enter the sampler. The sampler is determined full by the presence of an o-ring through a porthole in the length of the T-bar handle. Once full, and end cap is placed on the sampler and twisted to a locking position.

Each Encore® sampler is packaged in its own aluminum sample bag. The full sampler is placed back into the sample bag and sealed shut. A sample label is attached to each sample bag identifying the date the sample was collected, a unique identification number, and other identifying information

All personnel using this sampling method wear nitrile gloves for safety precaution and dispose of the used gloves between each sample to avoid cross contamination between sample locations.

Soil samples are placed in a thermally insulated container with ice and shipped or couriered to a State-certified hazardous waste-testing laboratory (or delivered immediately to an on-site mobile laboratory) using the appropriate chain-of-custody procedures.

Prior to and between the sampling intervals, all reusable equipment is decontaminated by washing in a non-phosphate detergent (Liquinox) solution. The equipment is then rinsed in tap water, and then rinsed in distilled water.

Attachment C

Boring Logs

WATERSTONE ENVIRONMENTAL, INC.

Boring Log

Boring: MB-1

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: **Birtcher - Calimesa**	DRILLING CO.: **Millennium Environmental, Inc.**
LOCATION: **Calimesa - Church Parcel**	DRILLER: **Hayden, Alex, Andrew**
JOB NO.: **22-101**	RIG TYPE: **N/A**
REVIEWED BY: **Mark Shifflett**	METHOD OF DRILLING: **Hand Auger**
LOGGED BY: **Travis Dagdigian**	SAMPLING METHODS: **Hand Auger/ Brass Ring**
DATES DRILLED: **12/27/23**	TOTAL DEPTH: **5 Feet**

LITHOLOGY

Depth feet bgs	Graphic Log	Water	USCS	Est. Grain Size % (gravel, sand, silt, clay)	Soil Description (and other remarks)	Collected	PID ppm
0			ML	20,10,70,0	Gravelly Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		
			ML	0,10,90,0	Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to coarse grained sand, well graded, no odor		
			ML	0,30,70,0	Sandy Silt - Brown (10YR 4/3), non-plastic, slightly moist, very fine to medium grained sand, well graded, no odor		
-5							0.0
					Soil vapor probe installed at 5 feet below ground surface		

WATERSTONE ENVIRONMENTAL, INC.

Boring Log

Boring: MB-2

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: **Birtcher - Calimesa**	DRILLING CO.: **Millennium Environmental, Inc.**
LOCATION: **Calimesa - Church Parcel**	DRILLER: **Hayden, Alex, Andrew**
JOB NO.: **22-101**	RIG TYPE: **N/A**
REVIEWED BY: **Mark Shifflett**	METHOD OF DRILLING: **Hand Auger**
LOGGED BY: **Travis Dagdigian**	SAMPLING METHODS: **Hand Auger/ Brass Ring**
DATES DRILLED: **12/27/23**	TOTAL DEPTH: **5 feet**

LITHOLOGY

Depth feet bgs	Graphic Log	Water	USCS	Est. Grain Size % (gravel, sand, silt, clay)	Soil Description (and other remarks)	Collected	PID ppm
0			ML	20,10,70,0	Gravelly Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to coarse grained sand, well graded, no odor		
			ML	0,10,90,0	Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		
-5							0.0
					Soil vapor probe installed at 5 feet below ground surface		

WATERSTONE ENVIRONMENTAL, INC.

Boring Log

Boring: MB-3

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: **Birtcher - Calimesa**	DRILLING CO.: **Millennium Environmental, Inc.**
LOCATION: **Calimesa - Church Parcel**	DRILLER: **Hayden, Alex, Andrew**
JOB NO.: **22-101**	RIG TYPE: **N/A**
REVIEWED BY: **Mark Shifflett**	METHOD OF DRILLING: **Hand Auger**
LOGGED BY: **Travis Dagdigian**	SAMPLING METHODS: **Hand Auger/ Brass Ring**
DATES DRILLED: **12/27/23**	TOTAL DEPTH: **5 feet**

LITHOLOGY

Depth feet bgs	Graphic Log	Water	USCS	Est. Grain Size % (gravel, sand, silt, clay)	Soil Description (and other remarks)	Collected	PID ppm
0			ML	20,10,70,0	Gravelly Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to coarse grained sand, well graded, no odor		
			ML	0,10,90,0	Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		
-5							0.0
					Soil vapor probe installed at 5 feet below ground surface		

WATERSTONE ENVIRONMENTAL, INC.

Boring Log

Boring: BB-1

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: **Birtcher - Calimesa**	DRILLING CO.: **Millennium Environmental**
LOCATION: **Calimesa - Church Parcel**	DRILLER: **Hayden, Alex, Andrew**
JOB NO.: **22-101**	RIG TYPE: **N/A**
REVIEWED BY: **Mark Shifflett**	METHOD OF DRILLING: **Hand Auger**
LOGGED BY: **Travis Dagdigian**	SAMPLING METHODS: **Hand Auger/ Brass Ring**
DATES DRILLED: **12/27/23**	TOTAL DEPTH: **8 Feet**

LITHOLOGY

Depth feet bgs	Graphic Log	Water	USCS	Est. Grain Size % (gravel, sand, silt, clay)	Soil Description (and other remarks)	Collected	PID ppm
0			ML	20,10,70,0	Gravelly Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		
			ML	0,10,90,0	Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		
-5							0.0
			SP	0,90,10,0	Sand with Silt - Brown (10YR 4/3), fine to medium grained sand, well graded, non-plastic, slightly moist, no odor		
							0.0
-10					Soil vapor probe installed at 8 feet below ground surface		

WATERSTONE ENVIRONMENTAL, INC.

Boring Log

Boring: BB-2

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: **Birtcher - Calimesa**	DRILLING CO.: **Millennium Environmental, Inc.**
LOCATION: **Calimesa - Church Parcel**	DRILLER: **Hayden, Alex, Andrew**
JOB NO.: **22-101**	RIG TYPE: **N/A**
REVIEWED BY: **Mark Shifflett**	METHOD OF DRILLING: **Hand Auger**
LOGGED BY: **Travis Dagdigian**	SAMPLING METHODS: **Hand Auger/ Brass Ring**
DATES DRILLED: **12/27/23**	TOTAL DEPTH: **8 Feet**

LITHOLOGY

Depth feet bgs	Graphic Log	Water	USCS	Est. Grain Size % (gravel, sand, silt, clay)	Soil Description (and other remarks)	Collected	PID ppm
0			ML	0,10,90,0	Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		
			ML	0,10,90,0	Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		
-5							0.0
			SP	0,90,10,0	Sand with Silt - Brown (10YR 4/3), fine to medium grained sand, well graded, non-plastic, slightly moist, no odor		
							0.0
-10					Soil vapor probe installed at 8 feet below ground surface		

WATERSTONE ENVIRONMENTAL, INC.

Boring Log

Boring: BB-3

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: **Birtcher - Calimesa**	DRILLING CO.: **Millennium Environmental, Inc.**
LOCATION: **Calimesa - Church Parcel**	DRILLER: **Hayden, Alex, Andrew**
JOB NO.: **22-101**	RIG TYPE: **N/A**
REVIEWED BY: **Mark Shifflett**	METHOD OF DRILLING: **Hand Auger**
LOGGED BY: **Travis Dagdigian**	SAMPLING METHODS: **Hand Auger/ Brass Ring**
DATES DRILLED: **12/27/23**	TOTAL DEPTH: **8 Feet**

LITHOLOGY

Depth feet bgs	Graphic Log	Water	USCS	Est. Grain Size % (gravel, sand, silt, clay)	Soil Description (and other remarks)	Collected	PID ppm
0			ML	0,10,90,0	Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		
-5			ML	0,10,90,0	Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, very fine to fine grained sand, well graded, no odor		0.0
			SP	0,90,10,0	Sand with Silt - Brown (10YR 4/3), fine to medium grained sand, well graded, non-plastic, slightly moist, no odor		0.0
-10					Soil vapor probe installed at 8 feet below ground surface		

WATERSTONE ENVIRONMENTAL, INC.

Boring Log

Boring: BB-4

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: **Birtcher - Calimesa**	DRILLING CO.: **Millennium Environmental, Inc.**
LOCATION: **Calimesa - Church Parcel**	DRILLER: **Hayden, Alex, Andrew**
JOB NO.: **22-101**	RIG TYPE: **N/A**
REVIEWED BY: **Mark Shifflett**	METHOD OF DRILLING: **Hand Auger**
LOGGED BY: **Travis Dagdigian**	SAMPLING METHODS: **Hand Auger/ Brass Ring**
DATES DRILLED: **12/27/23**	TOTAL DEPTH: **8 Feet**

LITHOLOGY

Depth feet bgs	Graphic Log	Water	USCS	Est. Grain Size % (gravel, sand, silt, clay)	Soil Description (and other remarks)	Collected	PID ppm
0			ML	20,10,70,0	Gravelly Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		
			ML	0,10,90,0	Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		
-5							0.0
			SP	0,90,10,0	Sand with Silt - Brown (10YR 4/3), fine to medium grained sand, well graded, non-plastic, slightly moist, no odor		
							0.0
-10					Soil vapor probe installed at 8 feet below ground surface		

WATERSTONE ENVIRONMENTAL, INC.

Boring Log

Boring: BLO-1

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: **Birtcher - Calimesa**	DRILLING CO.: **Millennium Environmental, Inc.**
LOCATION: **Calimesa - Church Parcel**	DRILLER: **Hayden, Alex, Andrew**
JOB NO.: **22-101**	RIG TYPE: **N/A**
REVIEWED BY: **Mark Shifflett**	METHOD OF DRILLING: **Hand Auger**
LOGGED BY: **Travis Dagdigian**	SAMPLING METHODS: **Hand Auger/ Brass Ring**
DATES DRILLED: **12/27/23**	TOTAL DEPTH: **5 Feet**

LITHOLOGY

Depth feet bgs	Graphic Log	Water	USCS	Est. Grain Size % (gravel, sand, silt, clay)	Soil Description (and other remarks)	Collected	PID ppm
0			ML	20,10,70,0	Gravelly Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		0.0
-5					Soil vapor probe installed at 5 feet below ground surface		0.0

WATERSTONE ENVIRONMENTAL, INC.

Boring Log

Boring: FS-1

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: **Birtcher - Calimesa**	DRILLING CO.: **Millennium Environmental, Inc.**
LOCATION: **Calimesa - Church Parcel**	DRILLER: **Hayden, Alex, Andrew**
JOB NO.: **22-101**	RIG TYPE: **N/A**
REVIEWED BY: **Mark Shifflett**	METHOD OF DRILLING: **Hand Auger**
LOGGED BY: **Travis Dagdigian**	SAMPLING METHODS: **Hand Auger/ Brass Ring**
DATES DRILLED: **12/27/23**	TOTAL DEPTH: **5 Feet**

LITHOLOGY

Depth feet bgs	Graphic Log	Water	USCS	Est. Grain Size % (gravel, sand, silt, clay)	Soil Description (and other remarks)	Collected	PID ppm
0			SM	10,60,30,0	Silty Sand with Gravel - Dark Yellowish Brown (10YR 4/4), fine to coarse grained sand, well graded, non-plastic, slightly moist, no odor		0.0
-5							0.0
					Soil vapor probe installed at 5 feet below ground surface		

WATERSTONE ENVIRONMENTAL, INC.

Boring Log

Boring: WO-1

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: **Birtcher - Calimesa**	DRILLING CO.: **Millennium Environmental, Inc.**
LOCATION: **Calimesa - Church Parcel**	DRILLER: **Hayden, Alex, Andrew**
JOB NO.: **22-101**	RIG TYPE: **N/A**
REVIEWED BY: **Mark Shifflett**	METHOD OF DRILLING: **Hand Auger**
LOGGED BY: **Travis Dagdigian**	SAMPLING METHODS: **Hand Auger/ Brass Ring**
DATES DRILLED: **12/27/23**	TOTAL DEPTH: **5 Feet**

LITHOLOGY

Depth feet bgs	Graphic Log	Water	USCS	Est. Grain Size % (gravel, sand, silt, clay)	Soil Description (and other remarks)	Collected	PID ppm
0			ML	20,10,70,0	Gravelly Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		0.0
-5					Soil vapor probe installed at 5 feet below ground surface		0.0

WATERSTONE ENVIRONMENTAL, INC.

Boring Log

Boring: WO-2

PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: **Birtcher - Calimesa**	DRILLING CO.: **Millennium Environmental, Inc.**
LOCATION: **Calimesa - Church Parcel**	DRILLER: **Hayden, Alex, Andrew**
JOB NO.: **22-101**	RIG TYPE: **N/A**
REVIEWED BY: **Mark Shifflett**	METHOD OF DRILLING: **Hand Auger**
LOGGED BY: **Travis Dagdigian**	SAMPLING METHODS: **Hand Auger/ Brass Ring**
DATES DRILLED: **12/27/23**	TOTAL DEPTH: **5 Feet**

LITHOLOGY

Depth feet bgs	Graphic Log	Water	USCS	Est. Grain Size % (gravel, sand, silt, clay)	Soil Description (and other remarks)	Collected	PID ppm
0			ML	20,10,70,0	Gravelly Silt with Sand - Brown (10YR 4/3), non-plastic, slightly moist, fine to medium grained sand, well graded, no odor		0.0
-5					Soil vapor probe installed at 5 feet below ground surface		0.0

Attachment D

Laboratory Reports and Chain of Custody Documents

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

enthalpy.com

Lab Job Number:	498829
Report Level:	II
Report Date:	01/04/2024

Analytical Report *prepared for:*

Mark Shifflett
Waterstone Environmental Inc.
2936 E. Coronado St.
Anaheim, CA 92806

Project: BIRTCHER - Birtcher - Stearns & Church, 22-101

Authorized for release by:

Patty Mata, Project Manager
patty.mata@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

Mark Shifflett Waterstone Environmental Inc. 2936 E. Coronado St. Anaheim, CA 92806	Lab Job #: Project No: Location: Date Received:	498829 BIRTCHER Birtcher - Stearns & Church, 22-101 12/27/23

Sample ID	Lab ID	Collected	Matrix
O-1-0.5	498829-001	12/27/23 05:45	Soil
O-2-0.5	498829-002	12/27/23 05:48	Soil
O-3-0.5	498829-003	12/27/23 06:00	Soil
O-4-0.5	498829-004	12/27/23 05:57	Soil
RES-1-0.5	498829-005	12/27/23 05:54	Soil
RES-2-0.5	498829-006	12/27/23 05:52	Soil
BB-1-1	498829-007	12/27/23 09:25	Soil
BB-2-1	498829-008	12/27/23 09:28	Soil
BB-3-1	498829-009	12/27/23 10:05	Soil
BB-4-1	498829-010	12/27/23 10:15	Soil
BB-1-4	498829-011	12/27/23 09:35	Soil
BB-2-4	498829-012	12/27/23 09:40	Soil
BB-3-4	498829-013	12/27/23 10:20	Soil
BB-4-4	498829-014	12/27/23 10:30	Soil
BB-1-8	498829-015	12/27/23 09:50	Soil
BB-2-8	498829-016	12/27/23 10:00	Soil
BB-3-8	498829-017	12/27/23 10:55	Soil
BB-4-8	498829-018	12/27/23 11:00	Soil
WO-3-1	498829-019	12/27/23 11:15	Soil
WO-4-1	498829-020	12/27/23 11:17	Soil
MB-1-1	498829-021	12/27/23 08:30	Soil
MB-1-5	498829-022	12/27/23 08:40	Soil
MB-2-1	498829-023	12/27/23 08:45	Soil
MB-2-5	498829-024	12/27/23 08:55	Soil
MB-3-1	498829-025	12/27/23 09:10	Soil
MB-3-5	498829-026	12/27/23 09:20	Soil

ENTHALPY ANALYTICAL

Sample Summary

Mark Shifflett Waterstone Environmental Inc. 2936 E. Coronado St. Anaheim, CA 92806	Lab Job #: Project No: Location: Date Received:	498829 BIRTCHER Birtcher - Stearns & Church, 22-101 12/27/23

Sample ID	Lab ID	Collected	Matrix
ML-1-1	498829-027	12/27/23 11:30	Soil
ML-2-1	498829-028	12/27/23 11:40	Soil
PA-1-0.5	498829-029	12/27/23 11:05	Soil
PA-2-0.5	498829-030	12/27/23 11:07	Soil
CO-1-0.5	498829-031	12/27/23 06:30	Soil
CO-2-0.5	498829-032	12/27/23 06:35	Soil
CO-3-0.5	498829-033	12/27/23 06:45	Soil
CO-4-0.5	498829-034	12/27/23 06:50	Soil
PP-1-1	498829-035	12/27/23 11:25	Soil
PP-2-1	498829-036	12/27/23 11:30	Soil
WO-1-1	498829-037	12/27/23 11:05	Soil
WO-1-5	498829-038	12/27/23 11:15	Soil
WO-2-1	498829-039	12/27/23 11:10	Soil
WO-2-5	498829-040	12/27/23 11:20	Soil
FS-1-1	498829-041	12/27/23 07:35	Soil
FS-1-5	498829-042	12/27/23 07:45	Soil
BLO-1-1	498829-043	12/27/23 09:33	Soil
BLO-1-5	498829-044	12/27/23 09:45	Soil

ENTHALPY ANALYTICAL

Case Narrative

Waterstone Environmental Inc. 2936 E. Coronado St. Anaheim, CA 92806 Mark Shifflett	Lab Job Number:	498829
	Project No:	BIRTCHER
	Location:	Birtcher - Stearns & Church, 22-101
	Date Received:	12/27/23

This data package contains sample and QC results for forty four soil samples, requested for the above referenced project on 12/27/23. 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 8015B):
No analytical problems were encountered.

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

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

- High response was observed for 4-chloro-3-methylphenol in the CCV analyzed 12/28/23 12:05; affected data was qualified with "b". This analyte was not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Pesticides (EPA 8081A):
No analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD for batch 329328; 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 BB-2-8 (lab # 498829-016); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 498829

Page: 1 of 5

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

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: 6.2/ice (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Waterstone Environmental, Inc.	Name:	Birtcher - Stearns & Church
Report To:	Mark Shifflett	Number:	22-101
Email:	mshifflett@waterstone-env.com	P.O. #:	
Address:	2936 E Coronado St	Address:	10300 Calimesa Blvd
	Anaheim CA 92806		Calimesa, CA
Phone:	714 414 1122	Global ID:	
Fax:		Sampled By:	Travis Dagdigian

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic 6020	OCPs 8081A	TPH DRO/ ORO 8015B	Metals 6010B/ 7471A							Test Instructions / Comments
1	O-1-0.5	12/27/23	5:45	S	1 Jar / 4 oz	--	X										Quote # 498308
2	O-2-0.5	12/27/23	5:48	S	1 Jar / 4 oz	--	X										
3	O-3-0.5	12/27/23	6:00	S	1 Jar / 4 oz	--	X										
4	O-4-0.5	12/27/23	5:57	S	1 Jar / 4 oz	--	X										
5	RES-1-0.5	12/27/23	5:54	S	1 Jar / 4 oz	--		X									
6	RES-2-0.5	12/27/23	5:52	S	1 Jar / 4 oz	--		X									
7	BB-1-1	12/27/23	9:25	S	1 Jar / 8oz	--			X	X							
8	BB-2-1	12/27/23	9:28	S	1 Jar / 8oz	--			X	X							
9	BB-3-1	12/27/23	10:05	S	1 Jar / 8oz	--			X	X							
10	BB-4-1	12/27/23	10:15	S	1 Jar / 8oz	--			X	X							

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Travis Dagdigian	Waterstone/ Geologist	12/27/2023 1400
1 Received By:		Geena Sylvester	E.A.	12/27/23 14:06
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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Chain of Custody Record

Lab No: 498829

Page: 2 of 5

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2 Day:		1 Day:		Custom TAT:	

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931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

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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:	Waterstone Environmental, Inc.	Name:	Birtcher - Stearns & Church
Report To:	Mark Shifflett	Number:	22-101
Email:	mshifflett@waterstone-env.com	P.O. #:	
Address:	2936 E Coronado St	Address:	10300 Calimesa Blvd
	Anaheim CA 92806		Calimesa, CA
Phone:	714 414 1122	Global ID:	
Fax:		Sampled By:	Travis Dagdigian

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic 6020	OCPs 8081A	TPH DRO/ ORO 8015B	Metals 6010B/ 7471A	TPH-g 8015B	VOCs 8260B					Test Instructions / Comments
1	BB-1-4	12/27/23	9:35	S	1 Jar / 8oz + VOA	5035			X	X	X	X					5 Vial Terra core Kit + Jar
2	BB-2-4	12/27/23	9:40	S	1 Jar / 8oz + VOA	5035			X	X	X	X					5 Vial Terra core Kit + Jar
3	BB-3-4	12/27/23	10:20	S	1 Jar / 8oz + VOA	5035			X	X	X	X					5 Vial Terra core Kit + Jar
4	BB-4-4	12/27/23	10:30	S	1 Jar / 8oz + VOA	5035			X	X	X	X					5 Vial Terra core Kit + Jar
5	BB-1-8	12/27/23	9:50	S	1 Jar / 8oz + VOA	5035			X	X	X	X					5 Vial Terra core Kit + Jar
6	BB-2-8	12/27/23	10:00	S	1 Jar / 8oz + VOA	5035			X	X	X	X					5 Vial Terra core Kit + Jar
7	BB-3-8	12/27/23	10:55	S	1 Jar / 8oz + VOA	5035			X	X	X	X					5 Vial Terra core Kit + Jar
8	BB-4-8	12/27/23	11:00	S	1 Jar / 8oz + VOA	5035			X	X	X	X					5 Vial Terra core Kit + Jar
9	WO-3-1	12/27/23	11:15	S	4oz Jar	--				X							
10	WO-4-1	12/27/23	11:17	S	4oz Jar	--				X							

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Travis Dagdigian	Waterstone/ Geologist	12/27/2023 / 1400
[1] Received By:		Geena Silvestri	E.A.	12/27/23 14:06
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 498829

Page: 3 of 5

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2 Day:		1 Day:		Custom TAT:	

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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:	Waterstone Environmental, Inc.	Name:	Birtcher - Stearns & Church
Report To:	Mark Shifflett	Number:	22-101
Email:	mshifflett@waterstone-env.com	P.O. #:	
Address:	2936 E Coronado St	Address:	10300 Calimesa Blvd
	Anaheim CA 92806		Calimesa, CA
Phone:	714 414 1122	Global ID:	
Fax:		Sampled By:	Travis Dagdigian

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic 6020	OCPs 8081A	TPH DRO/ ORO 8015B	Metals 6010B/ 7471A	TPH-g 8015B	VOCs 8260B	SVOCs 8270C	PAHs 8270C SIM			Test Instructions / Comments
1	MB-1-1	12/27/23	830	S	1 Jar / 8oz	--			X	X			X				
2	MB-1-5	12/27/23	840	S	3 Voa Kit	5035						X					
3	MB-2-1	12/27/23	845	S	1 Jar / 8oz	--			X	X			X				
4	MB-2-5	12/27/23	855	S	3 Voa Kit	5035						X					
5	MB-3-1	12/27/23	910	S	1 Jar / 8oz	--			X	X			X				
6	MB-3-5	12/27/23	920	S	3 Voa Kit	5035						X					
7	ML-1-1	12/27/23	1130	S	8 oz Jar	--			X	X				X			
8	ML-2-1	12/27/23	1140	S	8 oz Jar	--			X	X				X			
9	PA-1-0.5	12/27/23	1105	S	4 oz Jar	--	X										
10	PA-2-0.5	12/27/23	1107	S	4 oz Jar	--	X										

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Travis Dagdigian	Waterstone/ Geologist	12/27/2023 1400
[1] Received By:		Geetha Sylvester	EA	12/27/23 14:00
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 498829

Page: 4 of 5

Turn Around Time (rush by advanced notice only)

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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:	Waterstone Environmental, Inc.	Name:	Birtcher - Stearns & Church
Report To:	Mark Shifflett	Number:	22-101
Email:	mshifflett@waterstone-env.com	P.O. #:	
Address:	2936 E Coronado St	Address:	10300 Calimesa Blvd
	Anaheim CA 92806		Calimesa, CA
Phone:	714 414 1122	Global ID:	
Fax:		Sampled By:	Travis Dagdigian

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic 6020	OCPs 8081A	TPH DRO/ ORO 8015B	Metals 6010B/ 7471A	TPH-g 8015B	VOCs 8260B	SVOCs 8270C	PAHs 8270C SIM			Test Instructions / Comments
1	CO-1-0.5	12/27/23	6:30	S	4 oz Jar	--	X										
2	CO-2-0.5	12/27/23	6:35	S	4 oz Jar	--	X										
3	CO-3-0.5	12/27/23	6:45	S	4 oz Jar	--	X										
4	CO-4-0.5	12/27/23	6:50	S	4 oz Jar	--	X										
5	PP-1-1	12/27/23	11:25	S	8 oz Jar	--			X	X				X			
6	PP-2-1	12/27/23	11:30	S	8 oz Jar	--			X	X				X			
7	WO-1-1	12/27/23	1105	S	4 oz Jar	--				X							
8	WO-1-5	12/27/23	1115	S	3 Voa Kit	5035						X					
9	WO-2-1	12/27/23	1110	S	4 oz Jar	--				X							
10	WO-2-5	12/27/23	1120	S	3 Voa Kit	5035						X					

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Travis Dagdigian	Waterstone/ Geologist	12/27/2023 1400
[1] Received By:				
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

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Chain of Custody Record

Lab No: 498829

Page: 5 of 5

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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)

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Company:	Waterstone Environmental, Inc.	Name:	Birtcher - Stearns & Church
Report To:	Mark Shifflett	Number:	22-101
Email:	mshifflett@waterstone-env.com	P.O. #:	
Address:	2936 E Coronado St	Address:	10300 Calimesa Blvd
	Anaheim CA 92806		Calimesa, CA
Phone:	714 414 1122	Global ID:	
Fax:		Sampled By:	Travis Dagdigian

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Arsenic 6020	OCPs 8081A	TPH DRO/ ORO 8015B	Metals 6010B/ 7471A	TPH-g 8015B	VOCs 8260B	SVOCs 8270C	PAHs 8270C SIM			Test Instructions / Comments
1	FS-1-1	12/27/23	7:35	S	TO 8 oz Jar	--			X	X							
2	FS-1-5	12/27/23	7:45	S	3 Voa Kit	5035						X					
3	BLO-1-1	12/27/23	9:33	S	8 oz Jar	--			X	X							
4	BLO-1-5	12/27/23	9:45	S	3 Voa Kit	5035						X					
5																	
6																	
7																	
8																	
9																	
10																	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Travis Dagdigian	Waterstone/ Geologist	12/27/2023 / 1400
[1] Received By:	Ocena Silvestri	Ocena Silvestri	EA	12/27/23 14:00
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Waterstone

Project: Birtcher Stearns and Church

Date Received: 12/27/23

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: 6.2 #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: _____

Section 3

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

Cooler Temp (°C): #1: 6.2 #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: _____ Date: ~~12/27/27~~ 12/27/23

Enthalpy Analytical, a subsidiary of Montrose Environmental Group ,Inc.
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www.enthalpy.com/socal

ENTHALPY ANALYTICAL

Analysis Results for 498829

Mark Shifflett
Waterstone Environmental Inc.
2936 E. Coronado St.
Anaheim, CA 92806

Lab Job #: 498829
Project No: BIRTCHER
Location: Birtcher - Stearns & Church, 22-101
Date Received: 12/27/23

Sample ID: O-1-0.5 **Lab ID: 498829-001** **Collected: 12/27/23 05:45**
Matrix: Soil

498829-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	**2.5**		mg/Kg	0.97	0.97	329333	12/27/23	12/28/23	DXC

Sample ID: O-2-0.5 **Lab ID: 498829-002** **Collected: 12/27/23 05:48**
Matrix: Soil

498829-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	**3.3**		mg/Kg	0.99	0.99	329333	12/27/23	12/28/23	DXC

Sample ID: O-3-0.5 **Lab ID: 498829-003** **Collected: 12/27/23 06:00**
Matrix: Soil

498829-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	**2.2**		mg/Kg	0.99	0.99	329333	12/27/23	12/28/23	DXC

Sample ID: O-4-0.5 **Lab ID: 498829-004** **Collected: 12/27/23 05:57**
Matrix: Soil

498829-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	**3.1**		mg/Kg	0.95	0.95	329333	12/27/23	12/28/23	DXC

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: RES-1-0.5	Lab ID: 498829-005	Collected: 12/27/23 05:54
	Matrix: Soil	

498829-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
beta-BHC	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
gamma-BHC	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
delta-BHC	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
Heptachlor	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
Aldrin	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
Endosulfan I	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
Dieldrin	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
4,4'-DDE	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
Endrin	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
Endosulfan II	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
4,4'-DDD	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
Endrin ketone	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
4,4'-DDT	ND		ug/Kg	5.1	1	329341	12/28/23	12/29/23	MES
Methoxychlor	ND		ug/Kg	10	1	329341	12/28/23	12/29/23	MES
Toxaphene	ND		ug/Kg	100	1	329341	12/28/23	12/29/23	MES
Chlordane (Technical)	ND		ug/Kg	51	1	329341	12/28/23	12/29/23	MES
Surrogates				**Limits**					
TCMX	49%		%REC	23-120	1	329341	12/28/23	12/29/23	MES
Decachlorobiphenyl	41%		%REC	24-120	1	329341	12/28/23	12/29/23	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: RES-2-0.5	Lab ID: 498829-006	Collected: 12/27/23 05:52
	Matrix: Soil	

498829-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
beta-BHC	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
gamma-BHC	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
delta-BHC	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
Heptachlor	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
Aldrin	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
Endosulfan I	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
Dieldrin	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
4,4'-DDE	**5.4**		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
Endrin	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
Endosulfan II	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
4,4'-DDD	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
Endrin ketone	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
4,4'-DDT	ND		ug/Kg	5.0	1	329341	12/28/23	12/29/23	MES
Methoxychlor	ND		ug/Kg	10	1	329341	12/28/23	12/29/23	MES
Toxaphene	ND		ug/Kg	100	1	329341	12/28/23	12/29/23	MES
Chlordane (Technical)	ND		ug/Kg	50	1	329341	12/28/23	12/29/23	MES
Surrogates				**Limits**					
TCMX	61%		%REC	23-120	1	329341	12/28/23	12/29/23	MES
Decachlorobiphenyl	48%		%REC	24-120	1	329341	12/28/23	12/29/23	MES

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: BB-1-1	Lab ID: 498829-007	Collected: 12/27/23 09:25
	Matrix: Soil	

498829-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	329328	12/27/23	12/28/23	SBW
Arsenic	**1.9**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Barium	**86**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Chromium	**17**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Cobalt	**12**		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Copper	**22**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Lead	**8.8**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Nickel	**15**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.95	329328	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.95	329328	12/27/23	12/28/23	SBW
Vanadium	**58**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Zinc	**51**		mg/Kg	4.8	0.95	329328	12/27/23	12/28/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329350	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	112%		%REC	70-130	1	329355	12/28/23	12/28/23	KMB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: BB-2-1	Lab ID: 498829-008	Collected: 12/27/23 09:28
	Matrix: Soil	

498829-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	329328	12/27/23	12/28/23	SBW
Arsenic	**1.5**		mg/Kg	0.97	0.97	329328	12/27/23	12/28/23	SBW
Barium	**90**		mg/Kg	0.97	0.97	329328	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.49	0.97	329328	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.49	0.97	329328	12/27/23	12/28/23	SBW
Chromium	**17**		mg/Kg	0.97	0.97	329328	12/27/23	12/28/23	SBW
Cobalt	**12**		mg/Kg	0.49	0.97	329328	12/27/23	12/28/23	SBW
Copper	**25**		mg/Kg	0.97	0.97	329328	12/27/23	12/28/23	SBW
Lead	**4.2**		mg/Kg	0.97	0.97	329328	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	329328	12/27/23	12/28/23	SBW
Nickel	**15**		mg/Kg	0.97	0.97	329328	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.97	329328	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.49	0.97	329328	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.97	329328	12/27/23	12/28/23	SBW
Vanadium	**62**		mg/Kg	0.97	0.97	329328	12/27/23	12/28/23	SBW
Zinc	**41**		mg/Kg	4.9	0.97	329328	12/27/23	12/28/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329350	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	102%		%REC	70-130	0.99	329355	12/28/23	12/28/23	KMB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: BB-3-1	Lab ID: 498829-009	Collected: 12/27/23 10:05
	Matrix: Soil	

498829-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	329328	12/27/23	12/28/23	SBW
Arsenic	**1.3**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Barium	**91**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Chromium	**16**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Cobalt	**12**		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Copper	**25**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Lead	**3.9**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Nickel	**15**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.95	329328	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.95	329328	12/27/23	12/28/23	SBW
Vanadium	**63**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Zinc	**43**		mg/Kg	4.8	0.95	329328	12/27/23	12/28/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329350	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	103%		%REC	70-130	1	329355	12/28/23	12/28/23	KMB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: BB-4-1	Lab ID: 498829-010	Collected: 12/27/23 10:15
	Matrix: Soil	

498829-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	329328	12/27/23	12/28/23	SBW
Arsenic	**1.6**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Barium	**110**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.48	0.96	329328	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.48	0.96	329328	12/27/23	12/28/23	SBW
Chromium	**16**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Cobalt	**14**		mg/Kg	0.48	0.96	329328	12/27/23	12/28/23	SBW
Copper	**30**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Lead	**3.3**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Nickel	**16**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.96	329328	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.48	0.96	329328	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.96	329328	12/27/23	12/28/23	SBW
Vanadium	**72**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Zinc	**46**		mg/Kg	4.8	0.96	329328	12/27/23	12/28/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329350	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	101%		%REC	70-130	1	329355	12/28/23	12/28/23	KMB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: BB-1-4	Lab ID: 498829-011	Collected: 12/27/23 09:35
	Matrix: Soil	

498829-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	329328	12/27/23	12/28/23	SBW
Arsenic	**1.1**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Barium	**79**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Chromium	**15**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Cobalt	**11**		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Copper	**22**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Lead	**3.6**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Nickel	**14**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.95	329328	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.48	0.95	329328	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.95	329328	12/27/23	12/28/23	SBW
Vanadium	**56**		mg/Kg	0.95	0.95	329328	12/27/23	12/28/23	SBW
Zinc	**37**		mg/Kg	4.8	0.95	329328	12/27/23	12/28/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329350	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	3.0	0.98	329352	12/28/23	12/28/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	95%		%REC	60-140	0.98	329352	12/28/23	12/28/23	SXR
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	102%		%REC	70-130	1	329355	12/28/23	12/28/23	KMB
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	91	0.91	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	91	0.91	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	9.1	0.91	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Bromoform	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	103%		%REC	70-145	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	106%		%REC	70-145	0.91	329335	12/28/23	12/28/23	LYZ
Toluene-d8	104%		%REC	70-145	0.91	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	104%		%REC	70-145	0.91	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: BB-2-4	Lab ID: 498829-012	Collected: 12/27/23 09:40
	Matrix: Soil	

498829-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	329328	12/27/23	12/28/23	SBW
Arsenic	**1.4**		mg/Kg	0.99	0.99	329328	12/27/23	12/28/23	SBW
Barium	**92**		mg/Kg	0.99	0.99	329328	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.50	0.99	329328	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.50	0.99	329328	12/27/23	12/28/23	SBW
Chromium	**16**		mg/Kg	0.99	0.99	329328	12/27/23	12/28/23	SBW
Cobalt	**12**		mg/Kg	0.50	0.99	329328	12/27/23	12/28/23	SBW
Copper	**22**		mg/Kg	0.99	0.99	329328	12/27/23	12/28/23	SBW
Lead	**2.9**		mg/Kg	0.99	0.99	329328	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	329328	12/27/23	12/28/23	SBW
Nickel	**15**		mg/Kg	0.99	0.99	329328	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	3.0	0.99	329328	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.50	0.99	329328	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	3.0	0.99	329328	12/27/23	12/28/23	SBW
Vanadium	**58**		mg/Kg	0.99	0.99	329328	12/27/23	12/28/23	SBW
Zinc	**36**		mg/Kg	5.0	0.99	329328	12/27/23	12/28/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	329350	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.7	0.92	329352	12/28/23	12/28/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	94%		%REC	60-140	0.92	329352	12/28/23	12/28/23	SXR
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	104%		%REC	70-130	0.99	329355	12/28/23	12/28/23	KMB
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	91	0.91	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	91	0.91	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	9.1	0.91	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Bromoform	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	4.5	0.91	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	99%		%REC	70-145	0.91	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-145	0.91	329335	12/28/23	12/28/23	LYZ
Toluene-d8	106%		%REC	70-145	0.91	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	104%		%REC	70-145	0.91	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: BB-3-4	Lab ID: 498829-013	Collected: 12/27/23 10:20
	Matrix: Soil	

498829-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	329328	12/27/23	12/28/23	SBW
Arsenic	**1.2**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Barium	**76**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.48	0.96	329328	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.48	0.96	329328	12/27/23	12/28/23	SBW
Chromium	**13**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Cobalt	**8.3**		mg/Kg	0.48	0.96	329328	12/27/23	12/28/23	SBW
Copper	**17**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Lead	**2.5**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Nickel	**11**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.96	329328	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.48	0.96	329328	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.96	329328	12/27/23	12/28/23	SBW
Vanadium	**44**		mg/Kg	0.96	0.96	329328	12/27/23	12/28/23	SBW
Zinc	**44**		mg/Kg	4.8	0.96	329328	12/27/23	12/28/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329350	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	3.1	1	329352	12/28/23	12/28/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	93%		%REC	60-140	1	329352	12/28/23	12/28/23	SXR
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329355	12/28/23	12/29/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329355	12/28/23	12/29/23	KMB
Surrogates				**Limits**					
n-Triacontane	105%		%REC	70-130	1	329355	12/28/23	12/29/23	KMB
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Freon 12	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Chloromethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Bromomethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Chloroethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Acetone	ND		ug/Kg	82	0.82	329434	12/29/23	12/29/23	LYZ
Freon 113	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Methylene Chloride	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
2-Butanone	ND		ug/Kg	82	0.82	329434	12/29/23	12/29/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Chloroform	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Bromochloromethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Benzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Trichloroethene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Dibromomethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Toluene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Chlorobenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Ethylbenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.2	0.82	329434	12/29/23	12/29/23	LYZ
o-Xylene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Styrene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Bromoform	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Propylbenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Bromobenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Xylene (total)	ND		ug/Kg	4.1	0.82	329434	12/29/23	12/29/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	103%		%REC	70-145	0.82	329434	12/29/23	12/29/23	LYZ
1,2-Dichloroethane-d4	103%		%REC	70-145	0.82	329434	12/29/23	12/29/23	LYZ
Toluene-d8	100%		%REC	70-145	0.82	329434	12/29/23	12/29/23	LYZ
Bromofluorobenzene	105%		%REC	70-145	0.82	329434	12/29/23	12/29/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: BB-4-4	Lab ID: 498829-014	Collected: 12/27/23 10:30
	Matrix: Soil	

498829-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	329328	12/27/23	12/28/23	SBW
Arsenic	**1.6**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Barium	**93**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.49	0.98	329328	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.49	0.98	329328	12/27/23	12/28/23	SBW
Chromium	**17**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Cobalt	**12**		mg/Kg	0.49	0.98	329328	12/27/23	12/28/23	SBW
Copper	**25**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Lead	**2.9**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Nickel	**15**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.98	329328	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.49	0.98	329328	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.98	329328	12/27/23	12/28/23	SBW
Vanadium	**61**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Zinc	**39**		mg/Kg	4.9	0.98	329328	12/27/23	12/28/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329350	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	3.1	1	329352	12/28/23	12/28/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	93%		%REC	60-140	1	329352	12/28/23	12/28/23	SXR
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/29/23	KMB
TPH (C23-C44)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/29/23	KMB
Surrogates				**Limits**					
n-Triacontane	97%		%REC	70-130	0.99	329355	12/28/23	12/29/23	KMB
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	140	1.4	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	140	1.4	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	14	1.4	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Bromoform	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	6.9	1.4	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	1.4	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	107%		%REC	70-145	1.4	329335	12/28/23	12/28/23	LYZ
Toluene-d8	106%		%REC	70-145	1.4	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	103%		%REC	70-145	1.4	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: BB-1-8	Lab ID: 498829-015	Collected: 12/27/23 09:50
	Matrix: Soil	

498829-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	329328	12/27/23	12/28/23	SBW
Arsenic	**1.4**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Barium	**96**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.49	0.98	329328	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.49	0.98	329328	12/27/23	12/28/23	SBW
Chromium	**15**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Cobalt	**12**		mg/Kg	0.49	0.98	329328	12/27/23	12/28/23	SBW
Copper	**23**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Lead	**3.4**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Nickel	**14**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.98	329328	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.49	0.98	329328	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.98	329328	12/27/23	12/28/23	SBW
Vanadium	**60**		mg/Kg	0.98	0.98	329328	12/27/23	12/28/23	SBW
Zinc	**36**		mg/Kg	4.9	0.98	329328	12/27/23	12/28/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329350	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.6	0.88	329352	12/28/23	12/28/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	95%		%REC	60-140	0.88	329352	12/28/23	12/28/23	SXR
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	89%		%REC	70-130	1	329355	12/28/23	12/28/23	KMB
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	89	0.89	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	89	0.89	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.9	0.89	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Bromoform	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	4.4	0.89	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	104%		%REC	70-145	0.89	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	107%		%REC	70-145	0.89	329335	12/28/23	12/28/23	LYZ
Toluene-d8	104%		%REC	70-145	0.89	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	105%		%REC	70-145	0.89	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: BB-2-8	Lab ID: 498829-016	Collected: 12/27/23 10:00
	Matrix: Soil	

498829-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	329332	12/27/23	12/28/23	SBW
Arsenic	**1.5**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Barium	**80**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Beryllium	**0.49**		mg/Kg	0.48	0.95	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.48	0.95	329332	12/27/23	12/28/23	SBW
Chromium	**17**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Cobalt	**10**		mg/Kg	0.48	0.95	329332	12/27/23	12/28/23	SBW
Copper	**20**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Lead	**5.3**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Nickel	**14**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.95	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.48	0.95	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.95	329332	12/27/23	12/28/23	SBW
Vanadium	**45**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Zinc	**41**		mg/Kg	4.8	0.95	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329350	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.7	0.91	329352	12/28/23	12/28/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	93%		%REC	60-140	0.91	329352	12/28/23	12/28/23	SXR
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	88%		%REC	70-130	0.99	329355	12/28/23	12/28/23	KMB
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	100	1	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	100	1	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Bromoform	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	103%		%REC	70-145	1	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	109%		%REC	70-145	1	329335	12/28/23	12/28/23	LYZ
Toluene-d8	106%		%REC	70-145	1	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	106%		%REC	70-145	1	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: BB-3-8	Lab ID: 498829-017	Collected: 12/27/23 10:55
	Matrix: Soil	

498829-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Arsenic	**2.1**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Barium	**81**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Beryllium	**0.63**		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Chromium	**17**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Cobalt	**12**		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Copper	**22**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Lead	**4.3**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Nickel	**14**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Vanadium	**59**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Zinc	**42**		mg/Kg	5.0	1	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	329353	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	3.6	1.2	329352	12/28/23	12/28/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	93%		%REC	60-140	1.2	329352	12/28/23	12/28/23	SXR
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	89%		%REC	70-130	0.99	329355	12/28/23	12/28/23	KMB
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	110	1.1	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	110	1.1	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	11	1.1	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Bromoform	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	103%		%REC	70-145	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	107%		%REC	70-145	1.1	329335	12/28/23	12/28/23	LYZ
Toluene-d8	104%		%REC	70-145	1.1	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	105%		%REC	70-145	1.1	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: BB-4-8	Lab ID: 498829-018	Collected: 12/27/23 11:00
	Matrix: Soil	

498829-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	329332	12/27/23	12/28/23	SBW
Arsenic	ND		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Barium	**52**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.48	0.96	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.48	0.96	329332	12/27/23	12/28/23	SBW
Chromium	**11**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Cobalt	**9.2**		mg/Kg	0.48	0.96	329332	12/27/23	12/28/23	SBW
Copper	**16**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Lead	**2.8**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Nickel	**9.3**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.96	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.48	0.96	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.96	329332	12/27/23	12/28/23	SBW
Vanadium	**35**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Zinc	**27**		mg/Kg	4.8	0.96	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329353	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
TPH Gasoline	ND		mg/Kg	2.6	0.86	329352	12/28/23	12/28/23	SXR
Surrogates				**Limits**					
Bromofluorobenzene (FID)	99%		%REC	60-140	0.86	329352	12/28/23	12/28/23	SXR
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	87%		%REC	70-130	0.99	329355	12/28/23	12/28/23	KMB
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	86	0.86	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	86	0.86	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.6	0.86	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Bromoform	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	4.3	0.86	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.86	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	106%		%REC	70-145	0.86	329335	12/28/23	12/28/23	LYZ
Toluene-d8	105%		%REC	70-145	0.86	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	103%		%REC	70-145	0.86	329335	12/28/23	12/28/23	LYZ

Sample ID: WO-3-1 **Lab ID: 498829-019** **Collected: 12/27/23 11:15**
Matrix: Soil

498829-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	329332	12/27/23	12/28/23	SBW
Arsenic	**2.6**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Barium	**99**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Beryllium	**0.57**		mg/Kg	0.48	0.95	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.48	0.95	329332	12/27/23	12/28/23	SBW
Chromium	**16**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Cobalt	**13**		mg/Kg	0.48	0.95	329332	12/27/23	12/28/23	SBW
Copper	**28**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Lead	**14**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Nickel	**15**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.95	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.48	0.95	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.95	329332	12/27/23	12/28/23	SBW
Vanadium	**57**		mg/Kg	0.95	0.95	329332	12/27/23	12/28/23	SBW
Zinc	**93**		mg/Kg	4.8	0.95	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329353	12/28/23	12/28/23	KAM

Results for any subcontracted analyses are not included in this section.

Analysis Results for 498829

Sample ID: WO-4-1	Lab ID: 498829-020	Collected: 12/27/23 11:17
	Matrix: Soil	

498829-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Arsenic	**2.3**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Barium	**86**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Beryllium	**0.57**		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Chromium	**15**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Cobalt	**11**		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Copper	**24**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Lead	**11**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Nickel	**14**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Vanadium	**51**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Zinc	**77**		mg/Kg	5.0	0.99	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	329353	12/28/23	12/28/23	KAM

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: MB-1-1	Lab ID: 498829-021	Collected: 12/27/23 08:30
	Matrix: Soil	

498829-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	329332	12/27/23	12/28/23	SBW
Arsenic	**2.2**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Barium	**82**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Beryllium	**0.58**		mg/Kg	0.49	0.97	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.49	0.97	329332	12/27/23	12/28/23	SBW
Chromium	**16**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Cobalt	**11**		mg/Kg	0.49	0.97	329332	12/27/23	12/28/23	SBW
Copper	**24**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Lead	**5.5**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Nickel	**14**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.97	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.49	0.97	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.97	329332	12/27/23	12/28/23	SBW
Vanadium	**54**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Zinc	**42**		mg/Kg	4.9	0.97	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	329353	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	88%		%REC	70-130	1	329355	12/28/23	12/28/23	KMB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Pyridine	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Phenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Aniline	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
2-Chlorophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzyl alcohol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2-Methylphenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	329357	12/28/23	12/28/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Hexachloroethane	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Isophorone	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2-Nitrophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzoic acid	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Naphthalene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4-Chloroaniline	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2-Nitroaniline	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Dimethylphthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Acenaphthylene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
3-Nitroaniline	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Acenaphthene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
4-Nitrophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Dibenzofuran	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Diethylphthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Fluorene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4-Nitroaniline	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
Phenanthrene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Anthracene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Fluoranthene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzidine	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
Pyrene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Chrysene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	87%		%REC	29-120	1	329357	12/28/23	12/28/23	TJW
Phenol-d6	89%		%REC	30-120	1	329357	12/28/23	12/28/23	TJW
2,4,6-Tribromophenol	84%		%REC	32-120	1	329357	12/28/23	12/28/23	TJW
Nitrobenzene-d5	90%		%REC	33-120	1	329357	12/28/23	12/28/23	TJW
2-Fluorobiphenyl	89%		%REC	39-120	1	329357	12/28/23	12/28/23	TJW
Terphenyl-d14	81%		%REC	44-125	1	329357	12/28/23	12/28/23	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: MB-1-5	Lab ID: 498829-022	Collected: 12/27/23 08:40
	Matrix: Soil	

498829-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	95	0.95	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
MTBE	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	95	0.95	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	9.5	0.95	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Naphthalene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	4.7	0.95	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.95	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	106%		%REC	70-145	0.95	329335	12/28/23	12/28/23	LYZ
Toluene-d8	103%		%REC	70-145	0.95	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	104%		%REC	70-145	0.95	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: MB-2-1	Lab ID: 498829-023	Collected: 12/27/23 08:45
	Matrix: Soil	

498829-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	329332	12/27/23	12/28/23	SBW
Arsenic	**1.9**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Barium	**75**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Beryllium	**0.56**		mg/Kg	0.49	0.97	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.49	0.97	329332	12/27/23	12/28/23	SBW
Chromium	**17**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Cobalt	**11**		mg/Kg	0.49	0.97	329332	12/27/23	12/28/23	SBW
Copper	**22**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Lead	**4.4**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Nickel	**15**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.97	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.49	0.97	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.97	329332	12/27/23	12/28/23	SBW
Vanadium	**49**		mg/Kg	0.97	0.97	329332	12/27/23	12/28/23	SBW
Zinc	**40**		mg/Kg	4.9	0.97	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	329353	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	87%		%REC	70-130	1	329355	12/28/23	12/28/23	KMB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Pyridine	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Phenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Aniline	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
2-Chlorophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzyl alcohol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2-Methylphenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	329357	12/28/23	12/28/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Hexachloroethane	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Isophorone	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2-Nitrophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzoic acid	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Naphthalene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4-Chloroaniline	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2-Nitroaniline	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Dimethylphthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Acenaphthylene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
3-Nitroaniline	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Acenaphthene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
4-Nitrophenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Dibenzofuran	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Diethylphthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Fluorene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4-Nitroaniline	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
Phenanthrene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Anthracene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Fluoranthene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzidine	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
Pyrene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	329357	12/28/23	12/28/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Chrysene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibenz(a,h)anthracene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	1	329357	12/28/23	12/28/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	73%		%REC	29-120	1	329357	12/28/23	12/28/23	TJW
Phenol-d6	79%		%REC	30-120	1	329357	12/28/23	12/28/23	TJW
2,4,6-Tribromophenol	81%		%REC	32-120	1	329357	12/28/23	12/28/23	TJW
Nitrobenzene-d5	78%		%REC	33-120	1	329357	12/28/23	12/28/23	TJW
2-Fluorobiphenyl	79%		%REC	39-120	1	329357	12/28/23	12/28/23	TJW
Terphenyl-d14	79%		%REC	44-125	1	329357	12/28/23	12/28/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: MB-2-5	Lab ID: 498829-024	Collected: 12/27/23 08:55
	Matrix: Soil	

498829-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	88	0.88	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
MTBE	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	88	0.88	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.8	0.88	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Naphthalene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	4.4	0.88	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	0.88	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	106%		%REC	70-145	0.88	329335	12/28/23	12/28/23	LYZ
Toluene-d8	104%		%REC	70-145	0.88	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	103%		%REC	70-145	0.88	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: MB-3-1	Lab ID: 498829-025	Collected: 12/27/23 09:10
	Matrix: Soil	

498829-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Arsenic	**2.4**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Barium	**81**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Beryllium	**0.54**		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Chromium	**16**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Cobalt	**11**		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Copper	**25**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Lead	**11**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Nickel	**15**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Vanadium	**50**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Zinc	**64**		mg/Kg	5.0	1	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	329353	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	89%		%REC	70-130	1	329355	12/28/23	12/28/23	KMB
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
1-Methylnaphthalene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Pyridine	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Phenol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Aniline	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	0.99	329357	12/28/23	12/28/23	TJW
2-Chlorophenol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Benzyl alcohol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
2-Methylphenol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
3-,4-Methylphenol	ND		ug/Kg	400	0.99	329357	12/28/23	12/28/23	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Hexachloroethane	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Nitrobenzene	ND		ug/Kg	1,200	0.99	329357	12/28/23	12/28/23	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Isophorone	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
2-Nitrophenol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Benzoic acid	ND		ug/Kg	1,200	0.99	329357	12/28/23	12/28/23	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Naphthalene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
4-Chloroaniline	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Hexachlorobutadiene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
2-Methylnaphthalene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	0.99	329357	12/28/23	12/28/23	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
2-Chloronaphthalene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
2-Nitroaniline	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Dimethylphthalate	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Acenaphthylene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
3-Nitroaniline	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Acenaphthene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	0.99	329357	12/28/23	12/28/23	TJW
4-Nitrophenol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Dibenzofuran	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Diethylphthalate	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Fluorene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
4-Nitroaniline	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Hexachlorobenzene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Pentachlorophenol	ND		ug/Kg	1,200	0.99	329357	12/28/23	12/28/23	TJW
Phenanthrene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Anthracene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Di-n-butylphthalate	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Fluoranthene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Benzidine	ND		ug/Kg	1,200	0.99	329357	12/28/23	12/28/23	TJW
Pyrene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Butylbenzylphthalate	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	0.99	329357	12/28/23	12/28/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Chrysene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Di-n-octylphthalate	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibenz(a,h)anthracene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	0.99	329357	12/28/23	12/28/23	TJW
Surrogates				**Limits**					
2-Fluorophenol	82%		%REC	29-120	0.99	329357	12/28/23	12/28/23	TJW
Phenol-d6	84%		%REC	30-120	0.99	329357	12/28/23	12/28/23	TJW
2,4,6-Tribromophenol	87%		%REC	32-120	0.99	329357	12/28/23	12/28/23	TJW
Nitrobenzene-d5	85%		%REC	33-120	0.99	329357	12/28/23	12/28/23	TJW
2-Fluorobiphenyl	85%		%REC	39-120	0.99	329357	12/28/23	12/28/23	TJW
Terphenyl-d14	86%		%REC	44-125	0.99	329357	12/28/23	12/28/23	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: MB-3-5	Lab ID: 498829-026	Collected: 12/27/23 09:20
	Matrix: Soil	

498829-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	85	0.85	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
MTBE	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	85	0.85	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.5	0.85	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Naphthalene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	4.3	0.85	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	0.85	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-145	0.85	329335	12/28/23	12/28/23	LYZ
Toluene-d8	106%		%REC	70-145	0.85	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	106%		%REC	70-145	0.85	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: ML-1-1	Lab ID: 498829-027	Collected: 12/27/23 11:30
	Matrix: Soil	

498829-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Arsenic	**2.4**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Barium	**88**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Beryllium	**0.55**		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Chromium	**16**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Cobalt	**11**		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Copper	**25**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Lead	**21**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Nickel	**15**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Vanadium	**52**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Zinc	**160**		mg/Kg	5.0	0.99	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329353	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	9.9	0.99	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	90%		%REC	70-130	0.99	329355	12/28/23	12/28/23	KMB
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Naphthalene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Acenaphthene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Fluorene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Phenanthrene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Anthracene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Fluoranthene	**22**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Pyrene	**20**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Chrysene	**21**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(b)fluoranthene	**23**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 498829

498829-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Nitrobenzene-d5	76%		%REC	27-125	1	329691	01/03/24	01/04/24	TJW
2-Fluorobiphenyl	71%		%REC	30-120	1	329691	01/03/24	01/04/24	TJW
Terphenyl-d14	75%		%REC	33-155	1	329691	01/03/24	01/04/24	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: ML-2-1	Lab ID: 498829-028	Collected: 12/27/23 11:40
	Matrix: Soil	

498829-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Arsenic	**1.2**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Barium	**70**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Chromium	**12**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Cobalt	**11**		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Copper	**19**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Lead	**11**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Nickel	**11**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Vanadium	**41**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Zinc	**46**		mg/Kg	5.0	1	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329353	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	90%		%REC	70-130	1	329355	12/28/23	12/28/23	KMB
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Naphthalene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Acenaphthene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Fluorene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Phenanthrene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Anthracene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Fluoranthene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Pyrene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Chrysene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Nitrobenzene-d5	93%		%REC	27-125	1	329691	01/03/24	01/04/24	TJW
2-Fluorobiphenyl	92%		%REC	30-120	1	329691	01/03/24	01/04/24	TJW
Terphenyl-d14	95%		%REC	33-155	1	329691	01/03/24	01/04/24	TJW

Sample ID: PA-1-0.5 **Lab ID: 498829-029** **Collected: 12/27/23 11:05**
Matrix: Soil

498829-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	**1.8**		mg/Kg	0.97	0.97	329333	12/27/23	12/28/23	DXC

Sample ID: PA-2-0.5 **Lab ID: 498829-030** **Collected: 12/27/23 11:07**
Matrix: Soil

498829-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	**1.4**		mg/Kg	0.98	0.98	329333	12/27/23	12/28/23	DXC

Sample ID: CO-1-0.5 **Lab ID: 498829-031** **Collected: 12/27/23 06:30**
Matrix: Soil

498829-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	**1.8**		mg/Kg	0.98	0.98	329333	12/27/23	12/28/23	DXC

Sample ID: CO-2-0.5 **Lab ID: 498829-032** **Collected: 12/27/23 06:35**
Matrix: Soil

498829-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	**2.3**		mg/Kg	0.99	0.99	329333	12/27/23	12/28/23	DXC

Sample ID: CO-3-0.5 **Lab ID: 498829-033** **Collected: 12/27/23 06:45**
Matrix: Soil

498829-033 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	**2.5**		mg/Kg	0.97	0.97	329333	12/27/23	12/28/23	DXC

Results for any subcontracted analyses are not included in this section.

Analysis Results for 498829

Sample ID: CO-4-0.5	Lab ID: 498829-034	Collected: 12/27/23 06:50
	Matrix: Soil	

498829-034 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	**1.7**		mg/Kg	0.97	0.97	329333	12/27/23	12/28/23	DXC

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: PP-1-1	Lab ID: 498829-035	Collected: 12/27/23 11:25
	Matrix: Soil	

498829-035 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Arsenic	**2.2**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Barium	**62**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Chromium	**15**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Cobalt	**7.7**		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Copper	**18**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Lead	**11**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Nickel	**12**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.50	1	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	3.0	1	329332	12/27/23	12/28/23	SBW
Vanadium	**33**		mg/Kg	1.0	1	329332	12/27/23	12/28/23	SBW
Zinc	**74**		mg/Kg	5.0	1	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	329353	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	**11**		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
TPH (C23-C44)	**36**		mg/Kg	10	1	329355	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	91%		%REC	70-130	1	329355	12/28/23	12/28/23	KMB
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Naphthalene	ND		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Acenaphthylene	**23**		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Acenaphthene	ND		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Fluorene	ND		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Phenanthrene	**210**		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Anthracene	**29**		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Fluoranthene	**440**		ug/Kg	20	2	329691	01/03/24	01/04/24	TJW
Pyrene	**400**		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Benzo(a)anthracene	**51**		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Chrysene	**200**		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Benzo(b)fluoranthene	**200**		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Benzo(k)fluoranthene	**60**		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Benzo(a)pyrene	**35**		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Indeno(1,2,3-cd)pyrene	**47**		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW
Benzo(g,h,i)perylene	**33**		ug/Kg	9.9	0.99	329691	01/03/24	01/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 498829

498829-035 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Nitrobenzene-d5	67%		%REC	27-125	0.99	329691	01/03/24	01/04/24	TJW
2-Fluorobiphenyl	65%		%REC	30-120	0.99	329691	01/03/24	01/04/24	TJW
Terphenyl-d14	71%		%REC	33-155	0.99	329691	01/03/24	01/04/24	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: PP-2-1	Lab ID: 498829-036	Collected: 12/27/23 11:30
	Matrix: Soil	

498829-036 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Arsenic	**4.0**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Barium	**69**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Chromium	**18**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Cobalt	**8.9**		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Copper	**21**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Lead	**21**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Nickel	**13**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Vanadium	**37**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Zinc	**77**		mg/Kg	5.0	0.99	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	329353	12/28/23	12/28/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	**15**		mg/Kg	9.9	0.99	329355	12/28/23	12/29/23	KMB
TPH (C23-C44)	**29**		mg/Kg	9.9	0.99	329355	12/28/23	12/29/23	KMB
Surrogates				**Limits**					
n-Triacontane	96%		%REC	70-130	0.99	329355	12/28/23	12/29/23	KMB
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Naphthalene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Acenaphthylene	**33**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Acenaphthene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Fluorene	ND		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Phenanthrene	**190**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Anthracene	**44**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Fluoranthene	**490**		ug/Kg	20	2	329691	01/03/24	01/04/24	TJW
Pyrene	**430**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(a)anthracene	**87**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Chrysene	**300**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(b)fluoranthene	**380**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(k)fluoranthene	**120**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(a)pyrene	**88**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Indeno(1,2,3-cd)pyrene	**120**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Dibenz(a,h)anthracene	**23**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW
Benzo(g,h,i)perylene	**82**		ug/Kg	10	1	329691	01/03/24	01/04/24	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-036 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Nitrobenzene-d5	95%		%REC	27-125	1	329691	01/03/24	01/04/24	TJW
2-Fluorobiphenyl	82%		%REC	30-120	1	329691	01/03/24	01/04/24	TJW
Terphenyl-d14	73%		%REC	33-155	1	329691	01/03/24	01/04/24	TJW

Sample ID: WO-1-1 **Lab ID: 498829-037** **Collected: 12/27/23 11:05**
Matrix: Soil

498829-037 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	329332	12/27/23	12/28/23	SBW
Arsenic	**1.5**		mg/Kg	0.98	0.98	329332	12/27/23	12/28/23	SBW
Barium	**79**		mg/Kg	0.98	0.98	329332	12/27/23	12/28/23	SBW
Beryllium	**0.51**		mg/Kg	0.49	0.98	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.49	0.98	329332	12/27/23	12/28/23	SBW
Chromium	**13**		mg/Kg	0.98	0.98	329332	12/27/23	12/28/23	SBW
Cobalt	**11**		mg/Kg	0.49	0.98	329332	12/27/23	12/28/23	SBW
Copper	**21**		mg/Kg	0.98	0.98	329332	12/27/23	12/28/23	SBW
Lead	**13**		mg/Kg	0.98	0.98	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	329332	12/27/23	12/28/23	SBW
Nickel	**12**		mg/Kg	0.98	0.98	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.98	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.49	0.98	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.98	329332	12/27/23	12/28/23	SBW
Vanadium	**44**		mg/Kg	0.98	0.98	329332	12/27/23	12/28/23	SBW
Zinc	**64**		mg/Kg	4.9	0.98	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	329353	12/28/23	12/29/23	KAM

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

Sample ID: WO-1-5	Lab ID: 498829-038	Collected: 12/27/23 11:15
	Matrix: Soil	

498829-038 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	110	1.1	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
MTBE	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	110	1.1	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	11	1.1	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-038 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Naphthalene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	5.4	1.1	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	104%		%REC	70-145	1.1	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	106%		%REC	70-145	1.1	329335	12/28/23	12/28/23	LYZ
Toluene-d8	107%		%REC	70-145	1.1	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	110%		%REC	70-145	1.1	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: WO-2-1	Lab ID: 498829-039	Collected: 12/27/23 11:10
	Matrix: Soil	

498829-039 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Arsenic	**1.9**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Barium	**86**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Beryllium	**0.55**		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Chromium	**15**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Cobalt	**12**		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Copper	**27**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Lead	**11**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Nickel	**14**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Vanadium	**50**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Zinc	**73**		mg/Kg	5.0	0.99	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	329353	12/28/23	12/29/23	KAM

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: WO-2-5	Lab ID: 498829-040	Collected: 12/27/23 11:20
	Matrix: Soil	

498829-040 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	97	0.97	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
MTBE	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	97	0.97	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	9.7	0.97	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-040 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Naphthalene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	4.9	0.97	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	103%		%REC	70-145	0.97	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-145	0.97	329335	12/28/23	12/28/23	LYZ
Toluene-d8	104%		%REC	70-145	0.97	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	104%		%REC	70-145	0.97	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: FS-1-1	Lab ID: 498829-041	Collected: 12/27/23 07:35
	Matrix: Soil	

498829-041 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Arsenic	**1.8**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Barium	**67**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Beryllium	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Chromium	**15**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Cobalt	**12**		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Copper	**22**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Lead	**18**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Nickel	**13**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.50	0.99	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	3.0	0.99	329332	12/27/23	12/28/23	SBW
Vanadium	**46**		mg/Kg	0.99	0.99	329332	12/27/23	12/28/23	SBW
Zinc	**100**		mg/Kg	5.0	0.99	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	329353	12/28/23	12/29/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329355	12/28/23	12/29/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329355	12/28/23	12/29/23	KMB
Surrogates				**Limits**					
n-Triacontane	87%		%REC	70-130	1	329355	12/28/23	12/29/23	KMB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: FS-1-5	Lab ID: 498829-042	Collected: 12/27/23 07:45
	Matrix: Soil	

498829-042 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	80	0.8	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
MTBE	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	80	0.8	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.0	0.8	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 498829

498829-042 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Naphthalene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	4.0	0.8	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	0.8	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	106%		%REC	70-145	0.8	329335	12/28/23	12/28/23	LYZ
Toluene-d8	102%		%REC	70-145	0.8	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	103%		%REC	70-145	0.8	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: BLO-1-1	Lab ID: 498829-043	Collected: 12/27/23 09:33
	Matrix: Soil	

498829-043 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	329332	12/27/23	12/28/23	SBW
Arsenic	**2.1**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Barium	**86**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Beryllium	**0.59**		mg/Kg	0.48	0.96	329332	12/27/23	12/28/23	SBW
Cadmium	ND		mg/Kg	0.48	0.96	329332	12/27/23	12/28/23	SBW
Chromium	**13**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Cobalt	**12**		mg/Kg	0.48	0.96	329332	12/27/23	12/28/23	SBW
Copper	**25**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Lead	**7.3**		mg/Kg	0.96	0.96	329332	12/27/23	12/29/23	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Nickel	**14**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.96	329332	12/27/23	12/28/23	SBW
Silver	ND		mg/Kg	0.48	0.96	329332	12/27/23	12/28/23	SBW
Thallium	ND		mg/Kg	2.9	0.96	329332	12/27/23	12/28/23	SBW
Vanadium	**53**		mg/Kg	0.96	0.96	329332	12/27/23	12/28/23	SBW
Zinc	**42**		mg/Kg	4.8	0.96	329332	12/27/23	12/29/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	329353	12/28/23	12/29/23	KAM
Method: EPA 8015B Prep Method: EPA 3580M									
TPH (C13-C22)	ND		mg/Kg	10	1	329354	12/28/23	12/28/23	KMB
TPH (C23-C44)	ND		mg/Kg	10	1	329354	12/28/23	12/28/23	KMB
Surrogates				**Limits**					
n-Triacontane	94%		%REC	70-130	1	329354	12/28/23	12/28/23	KMB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

Sample ID: BLO-1-5	Lab ID: 498829-044	Collected: 12/27/23 09:45
	Matrix: Soil	

498829-044 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Freon 12	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Chloromethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Bromomethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Chloroethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Acetone	ND		ug/Kg	99	0.99	329335	12/28/23	12/28/23	LYZ
Freon 113	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Methylene Chloride	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
MTBE	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
2-Butanone	ND		ug/Kg	99	0.99	329335	12/28/23	12/28/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Chloroform	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Bromochloromethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Benzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Trichloroethene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Dibromomethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Toluene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Chlorobenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Ethylbenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
m,p-Xylenes	ND		ug/Kg	9.9	0.99	329335	12/28/23	12/28/23	LYZ
o-Xylene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Styrene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 498829

498829-044 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Propylbenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Bromobenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Naphthalene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Xylene (total)	ND		ug/Kg	4.9	0.99	329335	12/28/23	12/28/23	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	104%		%REC	70-145	0.99	329335	12/28/23	12/28/23	LYZ
1,2-Dichloroethane-d4	106%		%REC	70-145	0.99	329335	12/28/23	12/28/23	LYZ
Toluene-d8	101%		%REC	70-145	0.99	329335	12/28/23	12/28/23	LYZ
Bromofluorobenzene	104%		%REC	70-145	0.99	329335	12/28/23	12/28/23	LYZ

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1116307	Batch: 329328
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1116307 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	12/27/23	12/28/23
Arsenic	ND		mg/Kg	1.0	12/27/23	12/28/23
Barium	ND		mg/Kg	1.0	12/27/23	12/28/23
Beryllium	ND		mg/Kg	0.50	12/27/23	12/28/23
Cadmium	ND		mg/Kg	0.50	12/27/23	12/28/23
Chromium	ND		mg/Kg	1.0	12/27/23	12/28/23
Cobalt	ND		mg/Kg	0.50	12/27/23	12/28/23
Copper	ND		mg/Kg	1.0	12/27/23	12/28/23
Lead	ND		mg/Kg	1.0	12/27/23	12/28/23
Molybdenum	ND		mg/Kg	1.0	12/27/23	12/28/23
Nickel	ND		mg/Kg	1.0	12/27/23	12/28/23
Selenium	ND		mg/Kg	3.0	12/27/23	12/28/23
Silver	ND		mg/Kg	0.50	12/27/23	12/28/23
Thallium	ND		mg/Kg	3.0	12/27/23	12/28/23
Vanadium	ND		mg/Kg	1.0	12/27/23	12/28/23
Zinc	ND		mg/Kg	5.0	12/27/23	12/28/23

Type: Lab Control Sample	Lab ID: QC1116308	Batch: 329328
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1116308 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	98.72	100.0	mg/Kg	99%		80-120
Arsenic	101.5	100.0	mg/Kg	102%		80-120
Barium	104.7	100.0	mg/Kg	105%		80-120
Beryllium	94.24	100.0	mg/Kg	94%		80-120
Cadmium	106.4	100.0	mg/Kg	106%		80-120
Chromium	103.6	100.0	mg/Kg	104%		80-120
Cobalt	109.1	100.0	mg/Kg	109%		80-120
Copper	91.95	100.0	mg/Kg	92%		80-120
Lead	106.9	100.0	mg/Kg	107%		80-120
Molybdenum	113.6	100.0	mg/Kg	114%		80-120
Nickel	107.2	100.0	mg/Kg	107%		80-120
Selenium	96.32	100.0	mg/Kg	96%		80-120
Silver	48.32	50.00	mg/Kg	97%		80-120
Thallium	100.8	100.0	mg/Kg	101%		80-120
Vanadium	104.2	100.0	mg/Kg	104%		80-120
Zinc	106.7	100.0	mg/Kg	107%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1116309	Batch:	329328
Matrix (Source ID):	Soil (498748-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1116309 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	46.05	ND	98.04	mg/Kg	47%	*	75-125	1
Arsenic	109.9	5.122	98.04	mg/Kg	107%		75-125	1
Barium	286.3	164.9	98.04	mg/Kg	124%		75-125	1
Beryllium	95.51	0.4151	98.04	mg/Kg	97%		75-125	1
Cadmium	106.7	0.4464	98.04	mg/Kg	108%		75-125	1
Chromium	152.6	36.95	98.04	mg/Kg	118%		75-125	1
Cobalt	117.1	10.33	98.04	mg/Kg	109%		75-125	1
Copper	126.4	29.72	98.04	mg/Kg	99%		75-125	1
Lead	195.0	98.71	98.04	mg/Kg	98%		75-125	1
Molybdenum	114.2	ND	98.04	mg/Kg	116%		75-125	1
Nickel	150.7	39.26	98.04	mg/Kg	114%		75-125	1
Selenium	100.1	ND	98.04	mg/Kg	102%		75-125	1
Silver	50.47	ND	49.02	mg/Kg	103%		75-125	1
Thallium	99.69	0.9600	98.04	mg/Kg	101%		75-125	1
Vanadium	159.4	40.33	98.04	mg/Kg	121%		75-125	1
Zinc	230.9	139.0	98.04	mg/Kg	94%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1116310	Batch:	329328
Matrix (Source ID):	Soil (498748-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1116310 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	43.42	ND	100.0	mg/Kg	43%	*	75-125	8	41	1
Arsenic	110.6	5.122	100.0	mg/Kg	106%		75-125	1	35	1
Barium	282.5	164.9	100.0	mg/Kg	118%		75-125	2	20	1
Beryllium	97.24	0.4151	100.0	mg/Kg	97%		75-125	0	20	1
Cadmium	107.5	0.4464	100.0	mg/Kg	107%		75-125	1	20	1
Chromium	151.2	36.95	100.0	mg/Kg	114%		75-125	2	20	1
Cobalt	119.0	10.33	100.0	mg/Kg	109%		75-125	0	20	1
Copper	125.9	29.72	100.0	mg/Kg	96%		75-125	2	20	1
Lead	209.2	98.71	100.0	mg/Kg	110%		75-125	6	20	1
Molybdenum	114.6	ND	100.0	mg/Kg	115%		75-125	2	20	1
Nickel	153.2	39.26	100.0	mg/Kg	114%		75-125	0	20	1
Selenium	101.6	ND	100.0	mg/Kg	102%		75-125	1	20	1
Silver	50.64	ND	50.00	mg/Kg	101%		75-125	2	20	1
Thallium	101.4	0.9600	100.0	mg/Kg	100%		75-125	0	20	1
Vanadium	160.0	40.33	100.0	mg/Kg	120%		75-125	1	20	1
Zinc	250.2	139.0	100.0	mg/Kg	111%		75-125	7	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Post Digest Spike	Lab ID:	QC1116311	Batch:	329328
Matrix (Source ID):	Soil (498748-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1116311 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	103.4	ND	95.24	mg/Kg	109%		75-125	0.95
Arsenic	105.2	5.122	95.24	mg/Kg	105%		75-125	0.95
Barium	261.1	164.9	95.24	mg/Kg	101%		75-125	0.95
Beryllium	92.17	0.4151	95.24	mg/Kg	96%		75-125	0.95
Cadmium	101.6	0.4464	95.24	mg/Kg	106%		75-125	0.95
Chromium	135.1	36.95	95.24	mg/Kg	103%		75-125	0.95
Cobalt	111.7	10.33	95.24	mg/Kg	106%		75-125	0.95
Copper	121.2	29.72	95.24	mg/Kg	96%		75-125	0.95
Lead	196.9	98.71	95.24	mg/Kg	103%		75-125	0.95
Molybdenum	115.4	ND	95.24	mg/Kg	121%		75-125	0.95
Nickel	138.4	39.26	95.24	mg/Kg	104%		75-125	0.95
Selenium	97.63	ND	95.24	mg/Kg	103%		75-125	0.95
Silver	48.94	ND	47.62	mg/Kg	103%		75-125	0.95
Thallium	97.60	0.9600	95.24	mg/Kg	101%		75-125	0.95
Vanadium	141.4	40.33	95.24	mg/Kg	106%		75-125	0.95
Zinc	235.7	139.0	95.24	mg/Kg	102%		75-125	0.95

Type:	Blank	Lab ID:	QC1116328	Batch:	329332
Matrix:	Soil	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1116328 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	12/27/23	12/28/23
Arsenic	ND		mg/Kg	1.0	12/27/23	12/28/23
Barium	ND		mg/Kg	1.0	12/27/23	12/28/23
Beryllium	ND		mg/Kg	0.50	12/27/23	12/28/23
Cadmium	ND		mg/Kg	0.50	12/27/23	12/28/23
Chromium	ND		mg/Kg	1.0	12/27/23	12/28/23
Cobalt	ND		mg/Kg	0.50	12/27/23	12/28/23
Copper	ND		mg/Kg	1.0	12/27/23	12/28/23
Lead	ND		mg/Kg	1.0	12/27/23	12/28/23
Molybdenum	ND		mg/Kg	1.0	12/27/23	12/28/23
Nickel	ND		mg/Kg	1.0	12/27/23	12/28/23
Selenium	ND		mg/Kg	3.0	12/27/23	12/28/23
Silver	ND		mg/Kg	0.50	12/27/23	12/28/23
Thallium	ND		mg/Kg	3.0	12/27/23	12/28/23
Vanadium	ND		mg/Kg	1.0	12/27/23	12/28/23
Zinc	ND		mg/Kg	5.0	12/27/23	12/28/23

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1116329	Batch: 329332
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1116329 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	95.27	100.0	mg/Kg	95%		80-120
Arsenic	94.50	100.0	mg/Kg	94%		80-120
Barium	102.0	100.0	mg/Kg	102%		80-120
Beryllium	98.22	100.0	mg/Kg	98%		80-120
Cadmium	95.34	100.0	mg/Kg	95%		80-120
Chromium	101.4	100.0	mg/Kg	101%		80-120
Cobalt	105.5	100.0	mg/Kg	106%		80-120
Copper	95.49	100.0	mg/Kg	95%		80-120
Lead	105.2	100.0	mg/Kg	105%		80-120
Molybdenum	94.13	100.0	mg/Kg	94%		80-120
Nickel	104.5	100.0	mg/Kg	104%		80-120
Selenium	87.23	100.0	mg/Kg	87%		80-120
Silver	44.91	50.00	mg/Kg	90%		80-120
Thallium	106.8	100.0	mg/Kg	107%		80-120
Vanadium	92.48	100.0	mg/Kg	92%		80-120
Zinc	107.0	100.0	mg/Kg	107%		80-120

Type: Matrix Spike	Lab ID: QC1116330	Batch: 329332
Matrix (Source ID): Soil (498829-016)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1116330 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	43.19	ND	96.15	mg/Kg	45%	*	75-125	0.96
Arsenic	96.24	1.532	96.15	mg/Kg	98%		75-125	0.96
Barium	174.1	79.94	96.15	mg/Kg	98%		75-125	0.96
Beryllium	97.20	0.4896	96.15	mg/Kg	101%		75-125	0.96
Cadmium	94.72	ND	96.15	mg/Kg	99%		75-125	0.96
Chromium	118.7	17.04	96.15	mg/Kg	106%		75-125	0.96
Cobalt	109.8	9.958	96.15	mg/Kg	104%		75-125	0.96
Copper	119.6	19.80	96.15	mg/Kg	104%		75-125	0.96
Lead	104.3	5.316	96.15	mg/Kg	103%		75-125	0.96
Molybdenum	90.04	ND	96.15	mg/Kg	94%		75-125	0.96
Nickel	114.4	13.90	96.15	mg/Kg	104%		75-125	0.96
Selenium	86.74	ND	96.15	mg/Kg	90%		75-125	0.96
Silver	43.73	ND	48.08	mg/Kg	91%		75-125	0.96
Thallium	102.2	1.378	96.15	mg/Kg	105%		75-125	0.96
Vanadium	144.1	44.83	96.15	mg/Kg	103%		75-125	0.96
Zinc	146.2	40.92	96.15	mg/Kg	109%		75-125	0.96

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1116331	Batch:	329332
Matrix (Source ID):	Soil (498829-016)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1116331 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	44.73	ND	98.04	mg/Kg	46%	*	75-125	2	41	0.98
Arsenic	98.03	1.532	98.04	mg/Kg	98%		75-125	0	35	0.98
Barium	173.5	79.94	98.04	mg/Kg	95%		75-125	1	20	0.98
Beryllium	98.15	0.4896	98.04	mg/Kg	100%		75-125	1	20	0.98
Cadmium	96.94	ND	98.04	mg/Kg	99%		75-125	0	20	0.98
Chromium	117.8	17.04	98.04	mg/Kg	103%		75-125	2	20	0.98
Cobalt	113.5	9.958	98.04	mg/Kg	106%		75-125	2	20	0.98
Copper	120.9	19.80	98.04	mg/Kg	103%		75-125	0	20	0.98
Lead	106.8	5.316	98.04	mg/Kg	103%		75-125	0	20	0.98
Molybdenum	92.44	ND	98.04	mg/Kg	94%		75-125	1	20	0.98
Nickel	115.0	13.90	98.04	mg/Kg	103%		75-125	1	20	0.98
Selenium	88.97	ND	98.04	mg/Kg	91%		75-125	1	20	0.98
Silver	44.55	ND	49.02	mg/Kg	91%		75-125	0	20	0.98
Thallium	104.8	1.378	98.04	mg/Kg	106%		75-125	1	20	0.98
Vanadium	143.6	44.83	98.04	mg/Kg	101%		75-125	2	20	0.98
Zinc	147.9	40.92	98.04	mg/Kg	109%		75-125	0	20	0.98

Type:	Post Digest Spike	Lab ID:	QC1116332	Batch:	329332
Matrix (Source ID):	Soil (498829-016)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1116332 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	100.9	ND	95.24	mg/Kg	106%		75-125	0.95
Arsenic	98.14	1.532	95.24	mg/Kg	101%		75-125	0.95
Barium	169.8	79.94	95.24	mg/Kg	94%		75-125	0.95
Beryllium	96.18	0.4896	95.24	mg/Kg	100%		75-125	0.95
Cadmium	95.42	ND	95.24	mg/Kg	100%		75-125	0.95
Chromium	115.3	17.04	95.24	mg/Kg	103%		75-125	0.95
Cobalt	110.1	9.958	95.24	mg/Kg	105%		75-125	0.95
Copper	116.7	19.80	95.24	mg/Kg	102%		75-125	0.95
Lead	105.7	5.316	95.24	mg/Kg	105%		75-125	0.95
Molybdenum	96.79	ND	95.24	mg/Kg	102%		75-125	0.95
Nickel	113.0	13.90	95.24	mg/Kg	104%		75-125	0.95
Selenium	88.88	ND	95.24	mg/Kg	93%		75-125	0.95
Silver	44.82	ND	47.62	mg/Kg	94%		75-125	0.95
Thallium	103.5	1.378	95.24	mg/Kg	107%		75-125	0.95
Vanadium	136.8	44.83	95.24	mg/Kg	97%		75-125	0.95
Zinc	143.2	40.92	95.24	mg/Kg	107%		75-125	0.95

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1116333	Batch: 329333
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1116333 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	12/27/23	12/28/23
Thallium	ND		mg/Kg	1.0	12/27/23	12/28/23

Type: Lab Control Sample	Lab ID: QC1116334	Batch: 329333
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1116334 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	102.9	100.0	mg/Kg	103%		80-120
Thallium	98.71	100.0	mg/Kg	99%		80-120

Type: Matrix Spike	Lab ID: QC1116335	Batch: 329333
Matrix (Source ID): Soil (498829-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1116335 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	101.9	2.496	100.0	mg/Kg	99%		75-125	1
Thallium	97.75	0.1348	100.0	mg/Kg	98%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1116336	Batch: 329333
Matrix (Source ID): Soil (498829-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1116336 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	101.0	2.496	97.09	mg/Kg	101%		75-125	2	20	0.97
Thallium	95.16	0.1348	97.09	mg/Kg	98%		75-125	0	20	0.97

Type: Post Digest Spike	Lab ID: QC1116337	Batch: 329333
Matrix (Source ID): Soil (498829-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1116337 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	99.57	2.496	97.09	mg/Kg	100%		75-125	0.97
Thallium	95.13	0.1348	97.09	mg/Kg	98%		75-125	0.97

Type: Blank	Lab ID: QC1116408	Batch: 329350
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1116408 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	12/28/23	12/28/23

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Batch QC

Type:	Lab Control Sample	Lab ID:	QC1116409	Batch:	329350
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1116409 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8682	0.8333	mg/Kg	104%		80-120

Type:	Matrix Spike	Lab ID:	QC1116410	Batch:	329350
Matrix (Source ID):	Soil (498748-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC1116410 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.159	0.2020	1.000	mg/Kg	96%		75-125	1.2

Type:	Matrix Spike Duplicate	Lab ID:	QC1116411	Batch:	329350
Matrix (Source ID):	Soil (498748-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC1116411 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.052	0.2020	0.8929	mg/Kg	95%		75-125	0	20	1.1

Type:	Blank	Lab ID:	QC1116420	Batch:	329353
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1116420 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	12/28/23	12/28/23

Type:	Lab Control Sample	Lab ID:	QC1116421	Batch:	329353
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC1116421 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8972	0.8333	mg/Kg	108%		80-120

Type:	Matrix Spike	Lab ID:	QC1116422	Batch:	329353
Matrix (Source ID):	Soil (498829-017)	Method:	EPA 7471A	Prep Method:	METHOD

QC1116422 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8938	0.01712	0.8621	mg/Kg	102%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1116423	Batch:	329353
Matrix (Source ID):	Soil (498829-017)	Method:	EPA 7471A	Prep Method:	METHOD

QC1116423 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9406	0.01712	0.9259	mg/Kg	100%		75-125	2	20	1.1

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Batch QC

Type: Lab Control Sample	Lab ID: QC1116416	Batch: 329352
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1116416 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	5.779	5.000	mg/Kg	116%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2765	0.2000	mg/Kg	138%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1116417	Batch: 329352
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1116417 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	5.697	5.000	mg/Kg	114%		70-130	1	20
Surrogates								
Bromofluorobenzene (FID)	0.2740	0.2000	mg/Kg	137%		60-140		

Type: Blank	Lab ID: QC1116418	Batch: 329352
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1116418 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	12/28/23	12/28/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	96%		%REC	60-140	12/28/23	12/28/23

Type: Blank	Lab ID: QC1116419	Batch: 329352
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1116419 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	12/28/23	12/28/23
Surrogates				**Limits**		
Bromofluorobenzene (FID)	85%		%REC	60-140	12/28/23	12/28/23

Type: Blank	Lab ID: QC1116424	Batch: 329354
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1116424 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C13-C22)	ND		mg/Kg	10	12/28/23	12/29/23
TPH (C23-C44)	ND		mg/Kg	10	12/28/23	12/29/23
Surrogates				**Limits**		
n-Triacontane	90%		%REC	70-130	12/28/23	12/29/23

Type: Lab Control Sample	Lab ID: QC1116425	Batch: 329354
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 3580M

QC1116425 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	225.0	249.8	mg/Kg	90%		76-122
Surrogates						
n-Triacontane	8.759	9.990	mg/Kg	88%		70-130

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Batch QC

Type:	Matrix Spike	Lab ID:	QC1116426	Batch:	329354
Matrix (Source ID):	Soil (498600-004)	Method:	EPA 8015B	Prep Method:	EPA 3580M

QC1116426 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	231.3	14.41	249.9	mg/Kg	87%		62-126	1
Surrogates								
n-Triacontane	8.702		9.995	mg/Kg	87%		70-130	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1116427	Batch:	329354
Matrix (Source ID):	Soil (498600-004)	Method:	EPA 8015B	Prep Method:	EPA 3580M

QC1116427 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	240.4	14.41	249.0	mg/Kg	91%		62-126	4	35	1
Surrogates										
n-Triacontane	8.969		9.960	mg/Kg	90%		70-130			1

Type:	Blank	Lab ID:	QC1116428	Batch:	329355
Matrix:	Soil	Method:	EPA 8015B	Prep Method:	EPA 3580M

QC1116428 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH (C13-C22)	ND		mg/Kg	10	12/28/23	12/28/23
TPH (C23-C44)	ND		mg/Kg	10	12/28/23	12/28/23
Surrogates				**Limits**		
n-Triacontane	114%		%REC	70-130	12/28/23	12/28/23

Type:	Lab Control Sample	Lab ID:	QC1116429	Batch:	329355
Matrix:	Soil	Method:	EPA 8015B	Prep Method:	EPA 3580M

QC1116429 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	226.9	249.1	mg/Kg	91%		76-122
Surrogates						
n-Triacontane	10.17	9.965	mg/Kg	102%		70-130

Type:	Matrix Spike	Lab ID:	QC1116430	Batch:	329355
Matrix (Source ID):	Soil (498829-007)	Method:	EPA 8015B	Prep Method:	EPA 3580M

QC1116430 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	223.2	ND	248.1	mg/Kg	90%		62-126	0.99
Surrogates								
n-Triacontane	10.08		9.926	mg/Kg	102%		70-130	0.99

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1116431	Batch:	329355
Matrix (Source ID):	Soil (498829-007)	Method:	EPA 8015B	Prep Method:	EPA 3580M

QC1116431 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	229.5	ND	249.0	mg/Kg	92%		62-126	2	35	1
Surrogates										
n-Triacontane	10.31		9.960	mg/Kg	104%		70-130			1

Type:	Blank	Lab ID:	QC1116368	Batch:	329341
Matrix:	Soil	Method:	EPA 8081A	Prep Method:	EPA 3546

QC1116368 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	12/28/23	12/28/23
beta-BHC	ND		ug/Kg	5.0	12/28/23	12/28/23
gamma-BHC	ND		ug/Kg	5.0	12/28/23	12/28/23
delta-BHC	ND		ug/Kg	5.0	12/28/23	12/28/23
Heptachlor	ND		ug/Kg	5.0	12/28/23	12/28/23
Aldrin	ND		ug/Kg	5.0	12/28/23	12/28/23
Heptachlor epoxide	ND		ug/Kg	5.0	12/28/23	12/28/23
Endosulfan I	ND		ug/Kg	5.0	12/28/23	12/28/23
Dieldrin	ND		ug/Kg	5.0	12/28/23	12/28/23
4,4'-DDE	ND		ug/Kg	5.0	12/28/23	12/28/23
Endrin	ND		ug/Kg	5.0	12/28/23	12/28/23
Endosulfan II	ND		ug/Kg	5.0	12/28/23	12/28/23
Endosulfan sulfate	ND		ug/Kg	5.0	12/28/23	12/28/23
4,4'-DDD	ND		ug/Kg	5.0	12/28/23	12/28/23
Endrin aldehyde	ND		ug/Kg	5.0	12/28/23	12/28/23
Endrin ketone	ND		ug/Kg	5.0	12/28/23	12/28/23
4,4'-DDT	ND		ug/Kg	5.0	12/28/23	12/28/23
Methoxychlor	ND		ug/Kg	9.9	12/28/23	12/28/23
Toxaphene	ND		ug/Kg	99	12/28/23	12/28/23
Chlordane (Technical)	ND		ug/Kg	50	12/28/23	12/28/23
Surrogates				**Limits**		
TCMX	48%		%REC	23-120	12/28/23	12/28/23
Decachlorobiphenyl	53%		%REC	24-120	12/28/23	12/28/23

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Batch QC

Type: Lab Control Sample	**Lab ID: QC1116369**	**Batch: 329341**
Matrix: Soil	**Method: EPA 8081A**	**Prep Method: EPA 3546**

QC1116369 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	26.80	49.50	ug/Kg	54%		22-129
beta-BHC	25.61	49.50	ug/Kg	52%		28-125
gamma-BHC	26.36	49.50	ug/Kg	53%		22-128
delta-BHC	22.61	49.50	ug/Kg	46%		24-131
Heptachlor	27.04	49.50	ug/Kg	55%		18-124
Aldrin	24.87	49.50	ug/Kg	50%		23-120
Heptachlor epoxide	26.96	49.50	ug/Kg	54%		26-120
Endosulfan I	26.94	49.50	ug/Kg	54%		25-126
Dieldrin	27.68	49.50	ug/Kg	56%		23-124
4,4'-DDE	29.67	49.50	ug/Kg	60%		28-121
Endrin	29.35	49.50	ug/Kg	59%		25-127
Endosulfan II	28.49	49.50	ug/Kg	58%		29-121
Endosulfan sulfate	24.44	49.50	ug/Kg	49%		30-121
4,4'-DDD	28.43	49.50	ug/Kg	57%		26-120
Endrin aldehyde	17.98	49.50	ug/Kg	36%		10-120
Endrin ketone	25.92	49.50	ug/Kg	52%		28-125
4,4'-DDT	27.99	49.50	ug/Kg	57%		22-125
Methoxychlor	28.75	49.50	ug/Kg	58%		28-130
Surrogates						
TCMX	23.58	49.50	ug/Kg	48%		23-120
Decachlorobiphenyl	25.74	49.50	ug/Kg	52%		24-120

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1116370**	**Batch:**	**329341**
Matrix (Source ID):	**Soil (498748-001)**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3546**

QC1116370 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	33.79	ND	49.50	ug/Kg	68%		46-120	0.99
beta-BHC	32.14	ND	49.50	ug/Kg	65%		41-120	0.99
gamma-BHC	33.75	ND	49.50	ug/Kg	68%		41-120	0.99
delta-BHC	30.26	ND	49.50	ug/Kg	61%		38-123	0.99
Heptachlor	35.28	ND	49.50	ug/Kg	71%		39-120	0.99
Aldrin	32.13	ND	49.50	ug/Kg	65%		34-120	0.99
Heptachlor epoxide	32.12	ND	49.50	ug/Kg	65%		43-120	0.99
Endosulfan I	34.32	ND	49.50	ug/Kg	69%		45-120	0.99
Dieldrin	39.48	5.373	49.50	ug/Kg	69%		45-120	0.99
4,4'-DDE	77.34	37.25	49.50	ug/Kg	81%		34-120	0.99
Endrin	35.16	ND	49.50	ug/Kg	71%		40-120	0.99
Endosulfan II	32.78	ND	49.50	ug/Kg	66%		41-120	0.99
Endosulfan sulfate	28.99	ND	49.50	ug/Kg	59%		42-120	0.99
4,4'-DDD	34.73	ND	49.50	ug/Kg	70%		41-120	0.99
Endrin aldehyde	27.92	ND	49.50	ug/Kg	56%		30-120	0.99
Endrin ketone	30.79	ND	49.50	ug/Kg	62%		45-120	0.99
4,4'-DDT	46.96	12.29	49.50	ug/Kg	70%		35-127	0.99
Methoxychlor	37.00	ND	49.50	ug/Kg	75%		42-136	0.99
Surrogates								
TCMX	33.59		49.50	ug/Kg	68%		23-120	0.99
Decachlorobiphenyl	31.16		49.50	ug/Kg	63%		24-120	0.99

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1116371	Batch:	329341
Matrix (Source ID):	Soil (498748-001)	Method:	EPA 8081A	Prep Method:	EPA 3546

QC1116371 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	29.18	ND	49.50	ug/Kg	59%		46-120	15	30	0.99
beta-BHC	27.67	ND	49.50	ug/Kg	56%		41-120	15	30	0.99
gamma-BHC	29.36	ND	49.50	ug/Kg	59%		41-120	14	30	0.99
delta-BHC	27.54	ND	49.50	ug/Kg	56%		38-123	9	30	0.99
Heptachlor	31.68	ND	49.50	ug/Kg	64%		39-120	11	30	0.99
Aldrin	28.73	ND	49.50	ug/Kg	58%		34-120	11	30	0.99
Heptachlor epoxide	28.02	ND	49.50	ug/Kg	57%		43-120	14	30	0.99
Endosulfan I	30.86	ND	49.50	ug/Kg	62%		45-120	11	30	0.99
Dieldrin	35.85	5.373	49.50	ug/Kg	62%		45-120	10	30	0.99
4,4'-DDE	78.89	37.25	49.50	ug/Kg	84%		34-120	2	30	0.99
Endrin	30.66	ND	49.50	ug/Kg	62%		40-120	14	30	0.99
Endosulfan II	27.08	ND	49.50	ug/Kg	55%		41-120	19	30	0.99
Endosulfan sulfate	23.63	ND	49.50	ug/Kg	48%		42-120	20	30	0.99
4,4'-DDD	29.60	ND	49.50	ug/Kg	60%		41-120	16	30	0.99
Endrin aldehyde	28.04	ND	49.50	ug/Kg	57%		30-120	0	30	0.99
Endrin ketone	26.01	ND	49.50	ug/Kg	53%		45-120	17	30	0.99
4,4'-DDT	40.61	12.29	49.50	ug/Kg	57%		35-127	15	30	0.99
Methoxychlor	32.64	ND	49.50	ug/Kg	66%		42-136	13	30	0.99
Surrogates										
TCMX	26.82		49.50	ug/Kg	54%		23-120			0.99
Decachlorobiphenyl	26.77		49.50	ug/Kg	54%		24-120			0.99

Type:	Lab Control Sample	Lab ID:	QC1116340	Batch:	329335
Matrix:	Soil	Method:	EPA 8260B	Prep Method:	EPA 5035

QC1116340 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.88	50.00	ug/Kg	104%		70-131
MTBE	49.81	50.00	ug/Kg	100%		69-130
Benzene	50.70	50.00	ug/Kg	101%		70-130
Trichloroethene	51.18	50.00	ug/Kg	102%		70-130
Toluene	50.64	50.00	ug/Kg	101%		70-130
Chlorobenzene	50.29	50.00	ug/Kg	101%		70-130
Surrogates						
Dibromofluoromethane	49.62	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	48.02	50.00	ug/Kg	96%		70-145
Toluene-d8	50.65	50.00	ug/Kg	101%		70-145
Bromofluorobenzene	50.86	50.00	ug/Kg	102%		70-145

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1116341**	**Batch:**	**329335**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1116341 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	49.93	50.00	ug/Kg	100%		70-131	4	33
MTBE	49.46	50.00	ug/Kg	99%		69-130	1	30
Benzene	50.58	50.00	ug/Kg	101%		70-130	0	30
Trichloroethene	48.96	50.00	ug/Kg	98%		70-130	4	30
Toluene	50.70	50.00	ug/Kg	101%		70-130	0	30
Chlorobenzene	50.25	50.00	ug/Kg	100%		70-130	0	30
Surrogates								
Dibromofluoromethane	50.05	50.00	ug/Kg	100%		70-130		
1,2-Dichloroethane-d4	50.51	50.00	ug/Kg	101%		70-145		
Toluene-d8	50.18	50.00	ug/Kg	100%		70-145		
Bromofluorobenzene	50.42	50.00	ug/Kg	101%		70-145		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1116344**	**Batch:**	**329335**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1116344 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	12/28/23	12/28/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	12/28/23	12/28/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	12/28/23	12/28/23
Freon 12	ND		ug/Kg	5.0	12/28/23	12/28/23
Chloromethane	ND		ug/Kg	5.0	12/28/23	12/28/23
Vinyl Chloride	ND		ug/Kg	5.0	12/28/23	12/28/23
Bromomethane	ND		ug/Kg	5.0	12/28/23	12/28/23
Chloroethane	ND		ug/Kg	5.0	12/28/23	12/28/23
Trichlorofluoromethane	ND		ug/Kg	5.0	12/28/23	12/28/23
Acetone	ND		ug/Kg	100	12/28/23	12/28/23
Freon 113	ND		ug/Kg	5.0	12/28/23	12/28/23
1,1-Dichloroethene	ND		ug/Kg	5.0	12/28/23	12/28/23
Methylene Chloride	ND		ug/Kg	5.0	12/28/23	12/28/23
MTBE	ND		ug/Kg	5.0	12/28/23	12/28/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	12/28/23	12/28/23
1,1-Dichloroethane	ND		ug/Kg	5.0	12/28/23	12/28/23
2-Butanone	ND		ug/Kg	100	12/28/23	12/28/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	12/28/23	12/28/23
2,2-Dichloropropane	ND		ug/Kg	5.0	12/28/23	12/28/23
Chloroform	ND		ug/Kg	5.0	12/28/23	12/28/23
Bromochloromethane	ND		ug/Kg	5.0	12/28/23	12/28/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	12/28/23	12/28/23
1,1-Dichloropropene	ND		ug/Kg	5.0	12/28/23	12/28/23
Carbon Tetrachloride	ND		ug/Kg	5.0	12/28/23	12/28/23
1,2-Dichloroethane	ND		ug/Kg	5.0	12/28/23	12/28/23
Benzene	ND		ug/Kg	5.0	12/28/23	12/28/23
Trichloroethene	ND		ug/Kg	5.0	12/28/23	12/28/23
1,2-Dichloropropane	ND		ug/Kg	5.0	12/28/23	12/28/23
Bromodichloromethane	ND		ug/Kg	5.0	12/28/23	12/28/23
Dibromomethane	ND		ug/Kg	5.0	12/28/23	12/28/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	12/28/23	12/28/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	12/28/23	12/28/23
Toluene	ND		ug/Kg	5.0	12/28/23	12/28/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	12/28/23	12/28/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	12/28/23	12/28/23
1,3-Dichloropropane	ND		ug/Kg	5.0	12/28/23	12/28/23
Tetrachloroethene	ND		ug/Kg	5.0	12/28/23	12/28/23
Dibromochloromethane	ND		ug/Kg	5.0	12/28/23	12/28/23
1,2-Dibromoethane	ND		ug/Kg	5.0	12/28/23	12/28/23
Chlorobenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	12/28/23	12/28/23
Ethylbenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
m,p-Xylenes	ND		ug/Kg	10	12/28/23	12/28/23
o-Xylene	ND		ug/Kg	5.0	12/28/23	12/28/23
Styrene	ND		ug/Kg	5.0	12/28/23	12/28/23
Bromoform	ND		ug/Kg	5.0	12/28/23	12/28/23
Isopropylbenzene	ND		ug/Kg	5.0	12/28/23	12/28/23

ENTHALPY ANALYTICAL

Batch QC

QC1116344 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	12/28/23	12/28/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	12/28/23	12/28/23
Propylbenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
Bromobenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
2-Chlorotoluene	ND		ug/Kg	5.0	12/28/23	12/28/23
4-Chlorotoluene	ND		ug/Kg	5.0	12/28/23	12/28/23
tert-Butylbenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
sec-Butylbenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	12/28/23	12/28/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
n-Butylbenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	12/28/23	12/28/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
Hexachlorobutadiene	ND		ug/Kg	5.0	12/28/23	12/28/23
Naphthalene	ND		ug/Kg	5.0	12/28/23	12/28/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	12/28/23	12/28/23
Xylene (total)	ND		ug/Kg	5.0	12/28/23	12/28/23
Surrogates				**Limits**		
Dibromofluoromethane	98%		%REC	70-130	12/28/23	12/28/23
1,2-Dichloroethane-d4	99%		%REC	70-145	12/28/23	12/28/23
Toluene-d8	107%		%REC	70-145	12/28/23	12/28/23
Bromofluorobenzene	105%		%REC	70-145	12/28/23	12/28/23

Type: Lab Control Sample | **Lab ID:** QC1116685 | **Batch:** 329434
Matrix: Soil | **Method:** EPA 8260B | **Prep Method:** EPA 5035

QC1116685 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.85	50.00	ug/Kg	102%		70-131
MTBE	50.73	50.00	ug/Kg	101%		69-130
Benzene	51.10	50.00	ug/Kg	102%		70-130
Trichloroethene	50.66	50.00	ug/Kg	101%		70-130
Toluene	50.38	50.00	ug/Kg	101%		70-130
Chlorobenzene	51.08	50.00	ug/Kg	102%		70-130
Surrogates						
Dibromofluoromethane	51.31	50.00	ug/Kg	103%		70-130
1,2-Dichloroethane-d4	50.15	50.00	ug/Kg	100%		70-145
Toluene-d8	50.33	50.00	ug/Kg	101%		70-145
Bromofluorobenzene	50.05	50.00	ug/Kg	100%		70-145

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1116686**	**Batch:**	**329434**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1116686 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.87	50.00	ug/Kg	102%		70-131	0	33
MTBE	52.17	50.00	ug/Kg	104%		69-130	3	30
Benzene	50.61	50.00	ug/Kg	101%		70-130	1	30
Trichloroethene	49.13	50.00	ug/Kg	98%		70-130	3	30
Toluene	49.29	50.00	ug/Kg	99%		70-130	2	30
Chlorobenzene	49.77	50.00	ug/Kg	100%		70-130	3	30
Surrogates								
Dibromofluoromethane	50.79	50.00	ug/Kg	102%		70-130		
1,2-Dichloroethane-d4	50.88	50.00	ug/Kg	102%		70-145		
Toluene-d8	48.96	50.00	ug/Kg	98%		70-145		
Bromofluorobenzene	50.61	50.00	ug/Kg	101%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1116689	Batch: 329434
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1116689 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	12/29/23	12/29/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	12/29/23	12/29/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	12/29/23	12/29/23
Freon 12	ND		ug/Kg	5.0	12/29/23	12/29/23
Chloromethane	ND		ug/Kg	5.0	12/29/23	12/29/23
Vinyl Chloride	ND		ug/Kg	5.0	12/29/23	12/29/23
Bromomethane	ND		ug/Kg	5.0	12/29/23	12/29/23
Chloroethane	ND		ug/Kg	5.0	12/29/23	12/29/23
Trichlorofluoromethane	ND		ug/Kg	5.0	12/29/23	12/29/23
Acetone	ND		ug/Kg	100	12/29/23	12/29/23
Freon 113	ND		ug/Kg	5.0	12/29/23	12/29/23
1,1-Dichloroethene	ND		ug/Kg	5.0	12/29/23	12/29/23
Methylene Chloride	ND		ug/Kg	5.0	12/29/23	12/29/23
MTBE	ND		ug/Kg	5.0	12/29/23	12/29/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	12/29/23	12/29/23
1,1-Dichloroethane	ND		ug/Kg	5.0	12/29/23	12/29/23
2-Butanone	ND		ug/Kg	100	12/29/23	12/29/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	12/29/23	12/29/23
2,2-Dichloropropane	ND		ug/Kg	5.0	12/29/23	12/29/23
Chloroform	ND		ug/Kg	5.0	12/29/23	12/29/23
Bromochloromethane	ND		ug/Kg	5.0	12/29/23	12/29/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	12/29/23	12/29/23
1,1-Dichloropropene	ND		ug/Kg	5.0	12/29/23	12/29/23
Carbon Tetrachloride	ND		ug/Kg	5.0	12/29/23	12/29/23
1,2-Dichloroethane	ND		ug/Kg	5.0	12/29/23	12/29/23
Benzene	ND		ug/Kg	5.0	12/29/23	12/29/23
Trichloroethene	ND		ug/Kg	5.0	12/29/23	12/29/23
1,2-Dichloropropane	ND		ug/Kg	5.0	12/29/23	12/29/23
Bromodichloromethane	ND		ug/Kg	5.0	12/29/23	12/29/23
Dibromomethane	ND		ug/Kg	5.0	12/29/23	12/29/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	12/29/23	12/29/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	12/29/23	12/29/23
Toluene	ND		ug/Kg	5.0	12/29/23	12/29/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	12/29/23	12/29/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	12/29/23	12/29/23
1,3-Dichloropropane	ND		ug/Kg	5.0	12/29/23	12/29/23
Tetrachloroethene	ND		ug/Kg	5.0	12/29/23	12/29/23
Dibromochloromethane	ND		ug/Kg	5.0	12/29/23	12/29/23
1,2-Dibromoethane	ND		ug/Kg	5.0	12/29/23	12/29/23
Chlorobenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	12/29/23	12/29/23
Ethylbenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
m,p-Xylenes	ND		ug/Kg	10	12/29/23	12/29/23
o-Xylene	ND		ug/Kg	5.0	12/29/23	12/29/23
Styrene	ND		ug/Kg	5.0	12/29/23	12/29/23
Bromoform	ND		ug/Kg	5.0	12/29/23	12/29/23
Isopropylbenzene	ND		ug/Kg	5.0	12/29/23	12/29/23

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Batch QC

QC1116689 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	12/29/23	12/29/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	12/29/23	12/29/23
Propylbenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
Bromobenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
2-Chlorotoluene	ND		ug/Kg	5.0	12/29/23	12/29/23
4-Chlorotoluene	ND		ug/Kg	5.0	12/29/23	12/29/23
tert-Butylbenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
sec-Butylbenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	12/29/23	12/29/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
n-Butylbenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	12/29/23	12/29/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
Hexachlorobutadiene	ND		ug/Kg	5.0	12/29/23	12/29/23
Naphthalene	ND		ug/Kg	5.0	12/29/23	12/29/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	12/29/23	12/29/23
Xylene (total)	ND		ug/Kg	5.0	12/29/23	12/29/23
Surrogates				**Limits**		
Dibromofluoromethane	98%		%REC	70-130	12/29/23	12/29/23
1,2-Dichloroethane-d4	100%		%REC	70-145	12/29/23	12/29/23
Toluene-d8	106%		%REC	70-145	12/29/23	12/29/23
Bromofluorobenzene	106%		%REC	70-145	12/29/23	12/29/23

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Batch QC

Type: Blank	Lab ID: QC1116436	Batch: 329357
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1116436 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	12/28/23	12/28/23
1-Methylnaphthalene	ND		ug/Kg	250	12/28/23	12/28/23
Pyridine	ND		ug/Kg	250	12/28/23	12/28/23
N-Nitrosodimethylamine	ND		ug/Kg	250	12/28/23	12/28/23
Phenol	ND		ug/Kg	250	12/28/23	12/28/23
Aniline	ND		ug/Kg	250	12/28/23	12/28/23
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	12/28/23	12/28/23
2-Chlorophenol	ND		ug/Kg	250	12/28/23	12/28/23
1,3-Dichlorobenzene	ND		ug/Kg	250	12/28/23	12/28/23
1,4-Dichlorobenzene	ND		ug/Kg	250	12/28/23	12/28/23
Benzyl alcohol	ND		ug/Kg	250	12/28/23	12/28/23
1,2-Dichlorobenzene	ND		ug/Kg	250	12/28/23	12/28/23
2-Methylphenol	ND		ug/Kg	250	12/28/23	12/28/23
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	12/28/23	12/28/23
3-,4-Methylphenol	ND		ug/Kg	400	12/28/23	12/28/23
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	12/28/23	12/28/23
Hexachloroethane	ND		ug/Kg	250	12/28/23	12/28/23
Nitrobenzene	ND		ug/Kg	1,200	12/28/23	12/28/23
Isophorone	ND		ug/Kg	250	12/28/23	12/28/23
2-Nitrophenol	ND		ug/Kg	250	12/28/23	12/28/23
2,4-Dimethylphenol	ND		ug/Kg	250	12/28/23	12/28/23
Benzoic acid	ND		ug/Kg	1,200	12/28/23	12/28/23
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	12/28/23	12/28/23
2,4-Dichlorophenol	ND		ug/Kg	250	12/28/23	12/28/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	12/28/23	12/28/23
Naphthalene	ND		ug/Kg	250	12/28/23	12/28/23
4-Chloroaniline	ND		ug/Kg	250	12/28/23	12/28/23
Hexachlorobutadiene	ND		ug/Kg	250	12/28/23	12/28/23
4-Chloro-3-methylphenol	ND		ug/Kg	250	12/28/23	12/28/23
2-Methylnaphthalene	ND		ug/Kg	250	12/28/23	12/28/23
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	12/28/23	12/28/23
2,4,6-Trichlorophenol	ND		ug/Kg	250	12/28/23	12/28/23
2,4,5-Trichlorophenol	ND		ug/Kg	250	12/28/23	12/28/23
2-Chloronaphthalene	ND		ug/Kg	250	12/28/23	12/28/23
2-Nitroaniline	ND		ug/Kg	250	12/28/23	12/28/23
Dimethylphthalate	ND		ug/Kg	250	12/28/23	12/28/23
Acenaphthylene	ND		ug/Kg	250	12/28/23	12/28/23
2,6-Dinitrotoluene	ND		ug/Kg	250	12/28/23	12/28/23
3-Nitroaniline	ND		ug/Kg	250	12/28/23	12/28/23
Acenaphthene	ND		ug/Kg	250	12/28/23	12/28/23
2,4-Dinitrophenol	ND		ug/Kg	1,200	12/28/23	12/28/23
4-Nitrophenol	ND		ug/Kg	250	12/28/23	12/28/23
Dibenzofuran	ND		ug/Kg	250	12/28/23	12/28/23
2,4-Dinitrotoluene	ND		ug/Kg	250	12/28/23	12/28/23
Diethylphthalate	ND		ug/Kg	250	12/28/23	12/28/23
Fluorene	ND		ug/Kg	250	12/28/23	12/28/23
4-Chlorophenyl-phenylether	ND		ug/Kg	250	12/28/23	12/28/23

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Batch QC

QC1116436 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
4-Nitroaniline	ND		ug/Kg	250	12/28/23	12/28/23
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	12/28/23	12/28/23
N-Nitrosodiphenylamine	ND		ug/Kg	250	12/28/23	12/28/23
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	12/28/23	12/28/23
4-Bromophenyl-phenylether	ND		ug/Kg	250	12/28/23	12/28/23
Hexachlorobenzene	ND		ug/Kg	250	12/28/23	12/28/23
Pentachlorophenol	ND		ug/Kg	1,200	12/28/23	12/28/23
Phenanthrene	ND		ug/Kg	250	12/28/23	12/28/23
Anthracene	ND		ug/Kg	250	12/28/23	12/28/23
Di-n-butylphthalate	ND		ug/Kg	250	12/28/23	12/28/23
Fluoranthene	ND		ug/Kg	250	12/28/23	12/28/23
Benzidine	ND		ug/Kg	1,200	12/28/23	12/28/23
Pyrene	ND		ug/Kg	250	12/28/23	12/28/23
Butylbenzylphthalate	ND		ug/Kg	250	12/28/23	12/28/23
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	12/28/23	12/28/23
Benzo(a)anthracene	ND		ug/Kg	250	12/28/23	12/28/23
Chrysene	ND		ug/Kg	250	12/28/23	12/28/23
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	12/28/23	12/28/23
Di-n-octylphthalate	ND		ug/Kg	250	12/28/23	12/28/23
Benzo(b)fluoranthene	ND		ug/Kg	250	12/28/23	12/28/23
Benzo(k)fluoranthene	ND		ug/Kg	250	12/28/23	12/28/23
Benzo(a)pyrene	ND		ug/Kg	250	12/28/23	12/28/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	12/28/23	12/28/23
Dibenz(a,h)anthracene	ND		ug/Kg	250	12/28/23	12/28/23
Benzo(g,h,i)perylene	ND		ug/Kg	250	12/28/23	12/28/23
Surrogates				**Limits**		
2-Fluorophenol	84%		%REC	29-120	12/28/23	12/28/23
Phenol-d6	86%		%REC	30-120	12/28/23	12/28/23
2,4,6-Tribromophenol	79%		%REC	32-120	12/28/23	12/28/23
Nitrobenzene-d5	85%		%REC	33-120	12/28/23	12/28/23
2-Fluorobiphenyl	81%		%REC	39-120	12/28/23	12/28/23
Terphenyl-d14	75%		%REC	44-125	12/28/23	12/28/23

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Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1116437**	**Batch:**	**329357**
Matrix:	**Soil**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1116437 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	3,276	3733	ug/Kg	88%		42-120
2-Chlorophenol	3,165	3733	ug/Kg	85%		41-120
1,4-Dichlorobenzene	3,307	3733	ug/Kg	89%		36-120
3-,4-Methylphenol	3,267	3733	ug/Kg	88%		42-120
N-Nitroso-di-n-propylamine	3,411	3733	ug/Kg	91%		43-121
2,4-Dimethylphenol	2,751	3733	ug/Kg	74%		25-120
1,2,4-Trichlorobenzene	3,106	3733	ug/Kg	83%		38-120
4-Chloro-3-methylphenol	3,333	3733	ug/Kg	89%	b	40-125
2,4,5-Trichlorophenol	3,396	3733	ug/Kg	91%		40-124
Acenaphthene	3,111	3733	ug/Kg	83%		35-126
4-Nitrophenol	2,947	3733	ug/Kg	79%		24-128
2,4-Dinitrotoluene	3,741	3733	ug/Kg	100%		40-131
Pentachlorophenol	2,452	3733	ug/Kg	66%		35-120
Pyrene	3,459	3733	ug/Kg	93%		37-135
Chrysene	3,181	3733	ug/Kg	85%		38-132
Benzo(b)fluoranthene	3,246	3733	ug/Kg	87%		38-135
Surrogates						
2-Fluorophenol	1,703	1991	ug/Kg	86%		29-120
Phenol-d6	1,761	1991	ug/Kg	88%		30-120
2,4,6-Tribromophenol	1,854	1991	ug/Kg	93%		32-120
Nitrobenzene-d5	1,782	1991	ug/Kg	89%		33-120
2-Fluorobiphenyl	1,672	1991	ug/Kg	84%		39-120
Terphenyl-d14	1,611	1991	ug/Kg	81%		44-125

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1116438**	**Batch:**	**329357**
Matrix (Source ID):	**Soil (498843-016)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1116438 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	2,677	ND	3743	ug/Kg	72%		37-120	1
2-Chlorophenol	2,607	ND	3743	ug/Kg	70%		33-120	1
1,4-Dichlorobenzene	2,751	ND	3743	ug/Kg	74%		32-120	1
3-,4-Methylphenol	2,751	ND	3743	ug/Kg	74%		37-120	1
N-Nitroso-di-n-propylamine	2,881	ND	3743	ug/Kg	77%		32-120	1
2,4-Dimethylphenol	2,255	ND	3743	ug/Kg	60%		32-120	1
1,2,4-Trichlorobenzene	2,672	ND	3743	ug/Kg	71%		33-120	1
4-Chloro-3-methylphenol	2,958	ND	3743	ug/Kg	79%	b	41-121	1
2,4,5-Trichlorophenol	3,128	ND	3743	ug/Kg	84%		40-120	1
Acenaphthene	2,761	ND	3743	ug/Kg	74%		37-120	1
4-Nitrophenol	2,773	ND	3743	ug/Kg	74%		20-141	1
2,4-Dinitrotoluene	3,529	ND	3743	ug/Kg	94%		33-128	1
Pentachlorophenol	2,353	ND	3743	ug/Kg	63%		28-132	1
Pyrene	3,368	ND	3743	ug/Kg	90%		39-135	1
Chrysene	3,036	ND	3743	ug/Kg	81%		37-135	1
Benzo(b)fluoranthene	3,191	ND	3743	ug/Kg	85%		34-139	1
Surrogates								
2-Fluorophenol	1,398		1996	ug/Kg	70%		29-120	1
Phenol-d6	1,420		1996	ug/Kg	71%		30-120	1
2,4,6-Tribromophenol	1,764		1996	ug/Kg	88%		32-120	1
Nitrobenzene-d5	1,467		1996	ug/Kg	74%		33-120	1
2-Fluorobiphenyl	1,446		1996	ug/Kg	72%		39-120	1
Terphenyl-d14	1,576		1996	ug/Kg	79%		44-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1116439**	**Batch:**	**329357**
Matrix (Source ID):	**Soil (498843-016)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC1116439 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	2,526	ND	3746	ug/Kg	67%		37-120	6	49	1
2-Chlorophenol	2,545	ND	3746	ug/Kg	68%		33-120	2	52	1
1,4-Dichlorobenzene	2,647	ND	3746	ug/Kg	71%		32-120	4	50	1
3-,4-Methylphenol	2,612	ND	3746	ug/Kg	70%		37-120	5	54	1
N-Nitroso-di-n-propylamine	2,749	ND	3746	ug/Kg	73%		32-120	5	50	1
2,4-Dimethylphenol	2,168	ND	3746	ug/Kg	58%		32-120	4	50	1
1,2,4-Trichlorobenzene	2,518	ND	3746	ug/Kg	67%		33-120	6	50	1
4-Chloro-3-methylphenol	2,853	ND	3746	ug/Kg	76%	b	41-121	4	43	1
2,4,5-Trichlorophenol	2,980	ND	3746	ug/Kg	80%		40-120	5	47	1
Acenaphthene	2,595	ND	3746	ug/Kg	69%		37-120	6	48	1
4-Nitrophenol	2,631	ND	3746	ug/Kg	70%		20-141	5	30	1
2,4-Dinitrotoluene	3,339	ND	3746	ug/Kg	89%		33-128	6	50	1
Pentachlorophenol	2,282	ND	3746	ug/Kg	61%		28-132	3	30	1
Pyrene	3,151	ND	3746	ug/Kg	84%		39-135	7	41	1
Chrysene	2,869	ND	3746	ug/Kg	77%		37-135	6	46	1
Benzo(b)fluoranthene	2,956	ND	3746	ug/Kg	79%		34-139	8	47	1
Surrogates										
2-Fluorophenol	1,323		1998	ug/Kg	66%		29-120			1
Phenol-d6	1,355		1998	ug/Kg	68%		30-120			1
2,4,6-Tribromophenol	1,599		1998	ug/Kg	80%		32-120			1
Nitrobenzene-d5	1,391		1998	ug/Kg	70%		33-120			1
2-Fluorobiphenyl	1,372		1998	ug/Kg	69%		39-120			1
Terphenyl-d14	1,480		1998	ug/Kg	74%		44-125			1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1117549**	**Batch:**	**329691**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1117549 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	01/03/24	01/04/24
2-Methylnaphthalene	ND		ug/Kg	10	01/03/24	01/04/24
Naphthalene	ND		ug/Kg	10	01/03/24	01/04/24
Acenaphthylene	ND		ug/Kg	10	01/03/24	01/04/24
Acenaphthene	ND		ug/Kg	10	01/03/24	01/04/24
Fluorene	ND		ug/Kg	10	01/03/24	01/04/24
Phenanthrene	ND		ug/Kg	10	01/03/24	01/04/24
Anthracene	ND		ug/Kg	10	01/03/24	01/04/24
Fluoranthene	ND		ug/Kg	10	01/03/24	01/04/24
Pyrene	ND		ug/Kg	10	01/03/24	01/04/24
Benzo(a)anthracene	ND		ug/Kg	10	01/03/24	01/04/24
Chrysene	ND		ug/Kg	10	01/03/24	01/04/24
Benzo(b)fluoranthene	ND		ug/Kg	10	01/03/24	01/04/24
Benzo(k)fluoranthene	ND		ug/Kg	10	01/03/24	01/04/24
Benzo(a)pyrene	ND		ug/Kg	10	01/03/24	01/04/24
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	01/03/24	01/04/24
Dibenz(a,h)anthracene	ND		ug/Kg	10	01/03/24	01/04/24
Benzo(g,h,i)perylene	ND		ug/Kg	10	01/03/24	01/04/24
Surrogates				**Limits**		
Nitrobenzene-d5	92%		%REC	27-125	01/03/24	01/04/24
2-Fluorobiphenyl	93%		%REC	30-120	01/03/24	01/04/24
Terphenyl-d14	115%		%REC	33-155	01/03/24	01/04/24

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1117550**	**Batch:**	**329691**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1117550 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	168.2	200.0	ug/Kg	84%		28-130
2-Methylnaphthalene	188.8	200.0	ug/Kg	94%		33-130
Naphthalene	176.9	200.0	ug/Kg	88%		25-130
Acenaphthylene	199.1	200.0	ug/Kg	100%		28-130
Acenaphthene	180.4	200.0	ug/Kg	90%		32-130
Fluorene	191.9	200.0	ug/Kg	96%		35-130
Phenanthrene	195.8	200.0	ug/Kg	98%		35-132
Anthracene	186.0	200.0	ug/Kg	93%		34-136
Fluoranthene	200.8	200.0	ug/Kg	100%		34-139
Pyrene	196.8	200.0	ug/Kg	98%		35-134
Benzo(a)anthracene	206.5	200.0	ug/Kg	103%		30-132
Chrysene	163.1	200.0	ug/Kg	82%		29-130
Benzo(b)fluoranthene	203.0	200.0	ug/Kg	102%		32-137
Benzo(k)fluoranthene	204.8	200.0	ug/Kg	102%		32-130
Benzo(a)pyrene	184.2	200.0	ug/Kg	92%		10-138
Indeno(1,2,3-cd)pyrene	196.6	200.0	ug/Kg	98%		34-132
Dibenz(a,h)anthracene	207.3	200.0	ug/Kg	104%		32-130
Benzo(g,h,i)perylene	187.8	200.0	ug/Kg	94%		27-130
Surrogates						
Nitrobenzene-d5	215.5	200.0	ug/Kg	108%		27-125
2-Fluorobiphenyl	193.4	200.0	ug/Kg	97%		30-120
Terphenyl-d14	220.2	200.0	ug/Kg	110%		33-155

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1117551**	**Batch:**	**329691**
Matrix (Source ID):	**Soil (498829-028)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1117551 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	160.4	ND	201.0	ug/Kg	80%		25-130	1
2-Methylnaphthalene	167.0	ND	201.0	ug/Kg	83%		32-133	1
Naphthalene	148.8	ND	201.0	ug/Kg	74%		33-130	1
Acenaphthylene	185.9	ND	201.0	ug/Kg	92%		14-157	1
Acenaphthene	160.6	ND	201.0	ug/Kg	80%		28-134	1
Fluorene	178.0	ND	201.0	ug/Kg	89%		27-140	1
Phenanthrene	168.7	ND	201.0	ug/Kg	84%		29-147	1
Anthracene	164.1	ND	201.0	ug/Kg	82%		24-156	1
Fluoranthene	172.0	5.344	201.0	ug/Kg	83%		28-160	1
Pyrene	167.0	4.376	201.0	ug/Kg	81%		26-153	1
Benzo(a)anthracene	178.7	1.396	201.0	ug/Kg	88%		26-174	1
Chrysene	156.1	6.516	201.0	ug/Kg	74%		40-139	1
Benzo(b)fluoranthene	163.8	8.632	201.0	ug/Kg	77%		36-164	1
Benzo(k)fluoranthene	153.4	7.714	201.0	ug/Kg	72%		36-161	1
Benzo(a)pyrene	136.7	ND	201.0	ug/Kg	68%		18-173	1
Indeno(1,2,3-cd)pyrene	146.1	2.066	201.0	ug/Kg	72%		26-154	1
Dibenz(a,h)anthracene	140.5	ND	201.0	ug/Kg	70%		38-132	1
Benzo(g,h,i)perylene	137.8	1.891	201.0	ug/Kg	68%		36-130	1
Surrogates								
Nitrobenzene-d5	181.7		201.0	ug/Kg	90%		27-125	1
2-Fluorobiphenyl	172.9		201.0	ug/Kg	86%		30-120	1
Terphenyl-d14	177.6		201.0	ug/Kg	88%		33-155	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1117552	Batch:	329691
Matrix (Source ID):	Soil (498829-028)	Method:	EPA 8270C-SIM	Prep Method:	EPA 3546

QC1117552 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	160.1	ND	200.0	ug/Kg	80%		25-130	0	35	1
2-Methylnaphthalene	170.3	ND	200.0	ug/Kg	85%		32-133	2	35	1
Naphthalene	152.5	ND	200.0	ug/Kg	76%		33-130	3	35	1
Acenaphthylene	186.1	ND	200.0	ug/Kg	93%		14-157	1	35	1
Acenaphthene	161.0	ND	200.0	ug/Kg	81%		28-134	1	35	1
Fluorene	177.0	ND	200.0	ug/Kg	88%		27-140	0	35	1
Phenanthrene	166.0	ND	200.0	ug/Kg	83%		29-147	1	35	1
Anthracene	159.3	ND	200.0	ug/Kg	80%		24-156	3	35	1
Fluoranthene	164.1	5.344	200.0	ug/Kg	79%		28-160	4	35	1
Pyrene	157.9	4.376	200.0	ug/Kg	77%		26-153	5	35	1
Benzo(a)anthracene	173.3	1.396	200.0	ug/Kg	86%		26-174	3	35	1
Chrysene	151.0	6.516	200.0	ug/Kg	72%		40-139	3	35	1
Benzo(b)fluoranthene	157.7	8.632	200.0	ug/Kg	75%		36-164	3	35	1
Benzo(k)fluoranthene	148.7	7.714	200.0	ug/Kg	71%		36-161	3	35	1
Benzo(a)pyrene	130.0	ND	200.0	ug/Kg	65%		18-173	4	35	1
Indeno(1,2,3-cd)pyrene	144.1	2.066	200.0	ug/Kg	71%		26-154	1	35	1
Dibenz(a,h)anthracene	139.7	ND	200.0	ug/Kg	70%		38-132	0	35	1
Benzo(g,h,i)perylene	135.8	1.891	200.0	ug/Kg	67%		36-130	1	35	1
Surrogates										
Nitrobenzene-d5	182.0		200.0	ug/Kg	91%		27-125			1
2-Fluorobiphenyl	174.0		200.0	ug/Kg	87%		30-120			1
Terphenyl-d14	168.8		200.0	ug/Kg	84%		33-155			1

* Value is outside QC limits
ND Not Detected
b See narrative

JONES ENVIRONMENTAL, INC.

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

09 January 2024

Mark Shifflett
Waterstone Environmental
2936 East Coronado Street
Anaheim, CA 92806

Re: Birtcher - Stearns & Church

Enclosed are the results of analyses for samples received by the laboratory on 01/05/24. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

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

Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FS-1-5	J240039-001	Soil Vapor	01/04/2024 08:05	01/05/2024 09:57
MB-1-5	J240039-002	Soil Vapor	01/04/2024 08:31	01/05/2024 09:57
MB-2-5	J240039-003	Soil Vapor	01/04/2024 08:34	01/05/2024 09:57
MB-3-5	J240039-004	Soil Vapor	01/04/2024 08:46	01/05/2024 09:57
BLO-1-5	J240039-005	Soil Vapor	01/04/2024 08:49	01/05/2024 09:57
BB-1-8	J240039-006	Soil Vapor	01/04/2024 09:01	01/05/2024 09:57
BB-2-8	J240039-007	Soil Vapor	01/04/2024 09:04	01/05/2024 09:57
BB-3-8	J240039-008	Soil Vapor	01/04/2024 09:19	01/05/2024 09:57
BB-4-8	J240039-009	Soil Vapor	01/04/2024 09:20	01/05/2024 09:57
WO-1-5	J240039-010	Soil Vapor	01/04/2024 09:45	01/05/2024 09:57
WO-2-5	J240039-011	Soil Vapor	01/04/2024 09:44	01/05/2024 09:57

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

DETECTIONS SUMMARY

Sample ID: FS-1-5 **Laboratory ID:** J240039-001

Analyte	Result	Reporting Limit	Units	Method	Notes
tert-Butylalcohol	743	400	µg/m3	EPA 8260	
Tetrachloroethene	19	8	µg/m3	EPA 8260	
Toluene	9	8	µg/m3	EPA 8260	

Sample ID: MB-1-5 **Laboratory ID:** J240039-002

No Results Detected

Sample ID: MB-2-5 **Laboratory ID:** J240039-003

No Results Detected

Sample ID: MB-3-5 **Laboratory ID:** J240039-004

No Results Detected

Sample ID: BLO-1-5 **Laboratory ID:** J240039-005

No Results Detected

Sample ID: BB-1-8 **Laboratory ID:** J240039-006

No Results Detected

Sample ID: BB-2-8 **Laboratory ID:** J240039-007

No Results Detected

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

DETECTIONS SUMMARY

Sample ID: BB-3-8 **Laboratory ID:** J240039-008

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	10	8	µg/m3	EPA 8260	

Sample ID: BB-4-8 **Laboratory ID:** J240039-009

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	22	8	µg/m3	EPA 8260	

Sample ID: WO-1-5 **Laboratory ID:** J240039-010

No Results Detected

Sample ID: WO-2-5 **Laboratory ID:** J240039-011

No Results Detected

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

FS-1-5
J240039-001(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	19	8	µg/m3	"	"	"	"	
Toluene	9	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	

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Colby Wakeman
Lab Director

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

FS-1-5
J240039-001(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Methyl-tert-butylether	ND	40	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	743	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Isopropanol (LCC)	ND	80	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.22 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*102.31 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.81 %*	*60 - 140*						

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Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

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

Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

MB-1-5
J240039-002(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

MB-1-5
J240039-002(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Methyl-tert-butylether	ND	40	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Isopropanol (LCC)	ND	80	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.95 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*101.88 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*94.93 %*	*60 - 140*						

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

MB-2-5
J240039-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

MB-2-5
J240039-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Methyl-tert-butylether	ND	40	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Isopropanol (LCC)	ND	80	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*102.15 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*101.41 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*93.66 %*	*60 - 140*						

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

MB-3-5
J240039-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

MB-3-5
J240039-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Methyl-tert-butylether	ND	40	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Isopropanol (LCC)	ND	80	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.75 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*101.10 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.34 %*	*60 - 140*						

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

BLO-1-5
J240039-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

BLO-1-5
J240039-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Methyl-tert-butylether	ND	40	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Isopropanol (LCC)	ND	80	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.14 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*105.20 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.48 %*	*60 - 140*						

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

BB-1-8
J240039-006(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

BB-1-8
J240039-006(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Methyl-tert-butylether	ND	40	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Isopropanol (LCC)	ND	80	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*99.92 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*103.00 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.10 %*	*60 - 140*						

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

BB-2-8
J240039-007(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

BB-2-8
J240039-007(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Methyl-tert-butylether	ND	40	µg/m3	1	QC2401090	01/05/24	EPA 8260	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Isopropanol (LCC)	ND	80	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.52 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*101.88 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.69 %*	*60 - 140*						

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

BB-3-8
J240039-008(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2401091	01/05/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	10	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

BB-3-8
J240039-008(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Methyl-tert-butylether	ND	40	µg/m3	1	QC2401091	01/05/24	EPA 8260	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Isopropanol (LCC)	ND	80	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*101.83 %*							
Surrogate: Dibromofluoromethane	*88.43 %*							
Surrogate: 4-Bromofluorobenzene	*93.46 %*							

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

BB-4-8
J240039-009(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2401091	01/05/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	22	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

BB-4-8
J240039-009(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Methyl-tert-butylether	ND	40	µg/m3	1	QC2401091	01/05/24	EPA 8260	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Isopropanol (LCC)	ND	80	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*100.29 %*
Surrogate: Dibromofluoromethane	*95.38 %*
Surrogate: 4-Bromofluorobenzene	*96.39 %*

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

WO-1-5
J240039-010(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2401091	01/05/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	

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

Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

WO-1-5
J240039-010(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Methyl-tert-butylether	ND	40	µg/m3	1	QC2401091	01/05/24	EPA 8260	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Isopropanol (LCC)	ND	80	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*101.68 %*							
Surrogate: Dibromofluoromethane	*95.85 %*							
Surrogate: 4-Bromofluorobenzene	*96.76 %*							

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

WO-2-5
J240039-011(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2401091	01/05/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

WO-2-5
J240039-011(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
Methyl-tert-butylether	ND	40	µg/m3	1	QC2401091	01/05/24	EPA 8260	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Isopropanol (LCC)	ND	80	µg/m3	"	"	"	"	
n-Propanol (LCC)	ND	80	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*101.08 %*							
Surrogate: Dibromofluoromethane	*93.50 %*							
Surrogate: 4-Bromofluorobenzene	*97.60 %*							

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2401090 - EPA 8260										
CCV 1										
Benzene	11	8	%	10		108	80 - 120		120	
Chlorobenzene	11	8	%	10		109	80 - 120		120	
1,1-Dichloroethene	12	8	%	10		116	80 - 120		120	
cis-1,2-Dichloroethene	11	8	%	10		106	80 - 120		120	
Ethylbenzene	9	8	%	10		91	80 - 120		120	
Tetrachloroethene	9	8	%	10		95	80 - 120		120	
Toluene	11	8	%	10		108	80 - 120		120	
1,1,1-Trichloroethane	11	8	%	10		106	80 - 120		120	
Trichloroethene	11	8	%	10		108	80 - 120		120	
1,2,4-Trimethylbenzene	9	8	%	10		87	80 - 120		120	
Vinyl chloride	11	8	%	10		113	80 - 120		120	
LCS 1										
Benzene	2.89	8	%	2.5		115	70 - 130			
Chlorobenzene	3.11	8	%	2.5		124	70 - 130			
1,1-Dichloroethene	3.11	8	%	2.5		124	60 - 140			
cis-1,2-Dichloroethene	2.77	8	%	2.5		111	70 - 130			
Ethylbenzene	2.94	8	%	2.5		118	70 - 130			
Tetrachloroethene	3.02	8	%	2.5		121	70 - 130			
Toluene	2.91	8	%	2.5		117	70 - 130			
1,1,1-Trichloroethane	2.62	8	%	2.5		105	70 - 130			
Trichloroethene	2.99	8	%	2.5		120	70 - 130			
1,2,4-Trimethylbenzene	2.53	8	%	2.5		101	70 - 130			
Vinyl chloride	2.53	8	%	2.5		101	60 - 140			
Surrogate: Toluene-d8		*101.21 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*99.84 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*95.42 %*	*60 - 140*							
LCSD 1										
Benzene	2.93	8	%	2.5		117		1.44		
Chlorobenzene	2.95	8	%	2.5		118		5.36		
1,1-Dichloroethene	3.06	8	%	2.5		122		1.54		
cis-1,2-Dichloroethene	2.84	8	%	2.5		114		2.57		
Ethylbenzene	2.50	8	%	2.5		100		16.13		
Tetrachloroethene	2.91	8	%	2.5		116		3.77		
Toluene	2.77	8	%	2.5		111		4.98		
1,1,1-Trichloroethane	2.61	8	%	2.5		104		0.21		
Trichloroethene	3.18	8	%	2.5		127		6.16		

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2401090 - EPA 8260										
LCSD 1										
1,2,4-Trimethylbenzene	2.34	8	%	2.5		94		8.06		
Vinyl chloride	3.01	8	%	2.5		120		17.13		
Surrogate: Toluene-d8		*101.19 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*99.28 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*94.90 %*	*60 - 140*							
Method Blank 1										
Benzene	ND	8	µg/m3							
Bromodichloromethane	ND	8	µg/m3							
Bromoform	ND	8	µg/m3							
n-Butylbenzene	ND	12	µg/m3							
sec-Butylbenzene	ND	12	µg/m3							
tert-Butylbenzene	ND	12	µg/m3							
Carbon tetrachloride	ND	8	µg/m3							
Chlorobenzene	ND	8	µg/m3							
Chloroform	ND	8	µg/m3							
Dibromochloromethane	ND	8	µg/m3							
1,2-Dibromoethane (EDB)	ND	8	µg/m3							
1,2-Dichlorobenzene	ND	16	µg/m3							
1,3-Dichlorobenzene	ND	16	µg/m3							
1,4-Dichlorobenzene	ND	16	µg/m3							
Freon 12	ND	16	µg/m3							
Freon 11	ND	16	µg/m3							
Freon 113	ND	16	µg/m3							
1,1-Dichloroethane	ND	8	µg/m3							
1,2-Dichloroethane	ND	8	µg/m3							
1,1-Dichloroethene	ND	8	µg/m3							
cis-1,2-Dichloroethene	ND	8	µg/m3							
trans-1,2-Dichloroethene	ND	8	µg/m3							
Ethylbenzene	ND	8	µg/m3							
Isopropylbenzene	ND	8	µg/m3							
4-Isopropyltoluene	ND	8	µg/m3							
Methylene chloride	ND	8	µg/m3							
Naphthalene	ND	40	µg/m3							
n-Propylbenzene	ND	8	µg/m3							
Styrene	ND	8	µg/m3							
1,1,1,2-Tetrachloroethane	ND	8	µg/m3							
1,1,2,2-Tetrachloroethane	ND	16	µg/m3							

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2401090 - EPA 8260										
Method Blank 1										
Tetrachloroethene	ND	8	µg/m3							
Toluene	ND	8	µg/m3							
1,1,1-Trichloroethane	ND	8	µg/m3							
1,1,2-Trichloroethane	ND	8	µg/m3							
Trichloroethene	ND	8	µg/m3							
1,2,4-Trimethylbenzene	ND	8	µg/m3							
1,3,5-Trimethylbenzene	ND	8	µg/m3							
Vinyl chloride	ND	8	µg/m3							
m,p-Xylene	ND	16	µg/m3							
o-Xylene	ND	8	µg/m3							
Methyl-tert-butylether	ND	40	µg/m3							
Ethyl-tert-butylether	ND	40	µg/m3							
Di-isopropylether	ND	40	µg/m3							
tert-amylmethylether	ND	40	µg/m3							
tert-Butylalcohol	ND	400	µg/m3							
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3							
n-Hexane (LCC)	ND	80	µg/m3							
n-Pentane (LCC)	ND	80	µg/m3							
Isopropanol (LCC)	ND	80	µg/m3							
n-Propanol (LCC)	ND	80	µg/m3							
Surrogate: Toluene-d8		*101.17 %*		*60 - 140*						
Surrogate: Dibromofluoromethane		*100.91 %*		*60 - 140*						
Surrogate: 4-Bromofluorobenzene		*92.14 %*		*60 - 140*						
Sample Blank 1										
Benzene	ND	8	µg/m3							
Bromodichloromethane	ND	8	µg/m3							
Bromoform	ND	8	µg/m3							
n-Butylbenzene	ND	12	µg/m3							
sec-Butylbenzene	ND	12	µg/m3							
tert-Butylbenzene	ND	12	µg/m3							
Carbon tetrachloride	ND	8	µg/m3							
Chlorobenzene	ND	8	µg/m3							
Chloroform	ND	8	µg/m3							
Dibromochloromethane	ND	8	µg/m3							
1,2-Dibromoethane (EDB)	ND	8	µg/m3							
1,2-Dichlorobenzene	ND	16	µg/m3							
1,3-Dichlorobenzene	ND	16	µg/m3							

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2401090 - EPA 8260										
Sample Blank 1										
1,4-Dichlorobenzene	ND	16	µg/m3							
Freon 12	ND	16	µg/m3							
Freon 11	ND	16	µg/m3							
Freon 113	ND	16	µg/m3							
1,1-Dichloroethane	ND	8	µg/m3							
1,2-Dichloroethane	ND	8	µg/m3							
1,1-Dichloroethene	ND	8	µg/m3							
cis-1,2-Dichloroethene	ND	8	µg/m3							
trans-1,2-Dichloroethene	ND	8	µg/m3							
Ethylbenzene	ND	8	µg/m3							
Isopropylbenzene	ND	8	µg/m3							
4-Isopropyltoluene	ND	8	µg/m3							
Methylene chloride	ND	8	µg/m3							
Naphthalene	ND	40	µg/m3							
n-Propylbenzene	ND	8	µg/m3							
Styrene	ND	8	µg/m3							
1,1,1,2-Tetrachloroethane	ND	8	µg/m3							
1,1,2,2-Tetrachloroethane	ND	16	µg/m3							
Tetrachloroethene	ND	8	µg/m3							
Toluene	ND	8	µg/m3							
1,1,1-Trichloroethane	ND	8	µg/m3							
1,1,2-Trichloroethane	ND	8	µg/m3							
Trichloroethene	ND	8	µg/m3							
1,2,4-Trimethylbenzene	ND	8	µg/m3							
1,3,5-Trimethylbenzene	ND	8	µg/m3							
Vinyl chloride	ND	8	µg/m3							
m,p-Xylene	ND	16	µg/m3							
o-Xylene	ND	8	µg/m3							
Methyl-tert-butylether	ND	40	µg/m3							
Ethyl-tert-butylether	ND	40	µg/m3							
Di-isopropylether	ND	40	µg/m3							
tert-amylmethylether	ND	40	µg/m3							
tert-Butylalcohol	ND	400	µg/m3							
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3							
n-Hexane (LCC)	ND	80	µg/m3							
n-Pentane (LCC)	ND	80	µg/m3							
Isopropanol (LCC)	ND	80	µg/m3							
n-Propanol (LCC)	ND	80	µg/m3							

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2401090 - EPA 8260										
Sample Blank 1										
Surrogate: Toluene-d8		*99.80 %*		*60 - 140*						
Surrogate: Dibromofluoromethane		*103.49 %*		*60 - 140*						
Surrogate: 4-Bromofluorobenzene		*92.35 %*		*60 - 140*						

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2401091 - EPA 8260										
CCV 1										
Benzene	10	8	%	10		104				
Chlorobenzene	10	8	%	10		105				
1,1-Dichloroethene	10	8	%	10		99				
cis-1,2-Dichloroethene	10	8	%	10		100				
Ethylbenzene	10	8	%	10		97				
Tetrachloroethene	10	8	%	10		105				
Toluene	10	8	%	10		104				
1,1,1-Trichloroethane	10	8	%	10		102				
Trichloroethene	11	8	%	10		107				
1,2,4-Trimethylbenzene	10	8	%	10		101				
Vinyl chloride	12	8	%	10		120				
LCS 1										
Benzene	2.78	8	%	2.5		111				
Chlorobenzene	2.73	8	%	2.5		109				
1,1-Dichloroethene	2.52	8	%	2.5		101				
cis-1,2-Dichloroethene	2.88	8	%	2.5		115				
Ethylbenzene	2.36	8	%	2.5		94				
Tetrachloroethene	2.51	8	%	2.5		100				
Toluene	2.66	8	%	2.5		106				
1,1,1-Trichloroethane	2.43	8	%	2.5		97				
Trichloroethene	2.75	8	%	2.5		110				
1,2,4-Trimethylbenzene	2.35	8	%	2.5		94				
Vinyl chloride	2.76	8	%	2.5		110				
Surrogate: Toluene-d8		*100.74 %*								
Surrogate: Dibromofluoromethane		*100.84 %*								
Surrogate: 4-Bromofluorobenzene		*99.86 %*								
LCSD 1										
Benzene	2.65	8	%	2.5		106		4.47		
Chlorobenzene	2.73	8	%	2.5		109		0.12		
1,1-Dichloroethene	2.39	8	%	2.5		96		5.45		
cis-1,2-Dichloroethene	2.44	8	%	2.5		98		16.52		
Ethylbenzene	2.60	8	%	2.5		104		9.89		
Tetrachloroethene	2.64	8	%	2.5		106		5.16		
Toluene	2.71	8	%	2.5		108		1.63		
1,1,1-Trichloroethane	2.44	8	%	2.5		97		0.11		
Trichloroethene	2.55	8	%	2.5		102		7.26		

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

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

Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2401091 - EPA 8260										
LCSD 1										
1,2,4-Trimethylbenzene	2.38	8	%	2.5		95		1.41		
Vinyl chloride	2.56	8	%	2.5		103		7.27		
Surrogate: Toluene-d8		*102.80 %*								
Surrogate: Dibromofluoromethane		*96.26 %*								
Surrogate: 4-Bromofluorobenzene		*96.74 %*								
Method Blank 1										
Benzene	ND	8	µg/m3							
Bromodichloromethane	ND	8	µg/m3							
Bromoform	ND	8	µg/m3							
n-Butylbenzene	ND	12	µg/m3							
sec-Butylbenzene	ND	12	µg/m3							
tert-Butylbenzene	ND	12	µg/m3							
Carbon tetrachloride	ND	8	µg/m3							
Chlorobenzene	ND	8	µg/m3							
Chloroform	ND	8	µg/m3							
Dibromochloromethane	ND	8	µg/m3							
1,2-Dibromoethane (EDB)	ND	8	µg/m3							
1,2-Dichlorobenzene	ND	16	µg/m3							
1,3-Dichlorobenzene	ND	16	µg/m3							
1,4-Dichlorobenzene	ND	16	µg/m3							
Freon 12	ND	16	µg/m3							
Freon 11	ND	16	µg/m3							
Freon 113	ND	16	µg/m3							
1,1-Dichloroethane	ND	8	µg/m3							
1,2-Dichloroethane	ND	8	µg/m3							
1,1-Dichloroethene	ND	8	µg/m3							
cis-1,2-Dichloroethene	ND	8	µg/m3							
trans-1,2-Dichloroethene	ND	8	µg/m3							
Ethylbenzene	ND	8	µg/m3							
Isopropylbenzene	ND	8	µg/m3							
4-Isopropyltoluene	ND	8	µg/m3							
Methylene chloride	ND	8	µg/m3							
Naphthalene	ND	40	µg/m3							
n-Propylbenzene	ND	8	µg/m3							
Styrene	ND	8	µg/m3							
1,1,1,2-Tetrachloroethane	ND	8	µg/m3							
1,1,2,2-Tetrachloroethane	ND	16	µg/m3							

Jones Environmental, Inc.

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Lab Director

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JONES ENVIRONMENTAL, INC.

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SANTA FE SPRINGS, CA 90670
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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2401091 - EPA 8260										
Method Blank 1										
Tetrachloroethene	ND	8	µg/m3							
Toluene	ND	8	µg/m3							
1,1,1-Trichloroethane	ND	8	µg/m3							
1,1,2-Trichloroethane	ND	8	µg/m3							
Trichloroethene	ND	8	µg/m3							
1,2,4-Trimethylbenzene	ND	8	µg/m3							
1,3,5-Trimethylbenzene	ND	8	µg/m3							
Vinyl chloride	ND	8	µg/m3							
m,p-Xylene	ND	16	µg/m3							
o-Xylene	ND	8	µg/m3							
Methyl-tert-butylether	ND	40	µg/m3							
Ethyl-tert-butylether	ND	40	µg/m3							
Di-isopropylether	ND	40	µg/m3							
tert-amylmethylether	ND	40	µg/m3							
tert-Butylalcohol	ND	400	µg/m3							
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3							
n-Hexane (LCC)	ND	80	µg/m3							
n-Pentane (LCC)	ND	80	µg/m3							
Isopropanol (LCC)	ND	80	µg/m3							
n-Propanol (LCC)	ND	80	µg/m3							
n-Heptane (LCC)	ND	80	µg/m3							
Surrogate: Toluene-d8		*101.76 %*								
Surrogate: Dibromofluoromethane		*97.30 %*								
Surrogate: 4-Bromofluorobenzene		*95.53 %*								
Sample Blank 1										
Benzene	ND	8	µg/m3							
Bromodichloromethane	ND	8	µg/m3							
Bromoform	ND	8	µg/m3							
n-Butylbenzene	ND	12	µg/m3							
sec-Butylbenzene	ND	12	µg/m3							
tert-Butylbenzene	ND	12	µg/m3							
Carbon tetrachloride	ND	8	µg/m3							
Chlorobenzene	ND	8	µg/m3							
Chloroform	ND	8	µg/m3							
Dibromochloromethane	ND	8	µg/m3							
1,2-Dibromoethane (EDB)	ND	8	µg/m3							
1,2-Dichlorobenzene	ND	16	µg/m3							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2401091 - EPA 8260										
Sample Blank 1										
1,3-Dichlorobenzene	ND	16	µg/m3							
1,4-Dichlorobenzene	ND	16	µg/m3							
Freon 12	ND	16	µg/m3							
Freon 11	ND	16	µg/m3							
Freon 113	ND	16	µg/m3							
1,1-Dichloroethane	ND	8	µg/m3							
1,2-Dichloroethane	ND	8	µg/m3							
1,1-Dichloroethene	ND	8	µg/m3							
cis-1,2-Dichloroethene	ND	8	µg/m3							
trans-1,2-Dichloroethene	ND	8	µg/m3							
Ethylbenzene	ND	8	µg/m3							
Isopropylbenzene	ND	8	µg/m3							
4-Isopropyltoluene	ND	8	µg/m3							
Methylene chloride	ND	8	µg/m3							
Naphthalene	ND	40	µg/m3							
n-Propylbenzene	ND	8	µg/m3							
Styrene	ND	8	µg/m3							
1,1,1,2-Tetrachloroethane	ND	8	µg/m3							
1,1,2,2-Tetrachloroethane	ND	16	µg/m3							
Tetrachloroethene	ND	8	µg/m3							
Toluene	ND	8	µg/m3							
1,1,1-Trichloroethane	ND	8	µg/m3							
1,1,2-Trichloroethane	ND	8	µg/m3							
Trichloroethene	ND	8	µg/m3							
1,2,4-Trimethylbenzene	ND	8	µg/m3							
1,3,5-Trimethylbenzene	ND	8	µg/m3							
Vinyl chloride	ND	8	µg/m3							
m,p-Xylene	ND	16	µg/m3							
o-Xylene	ND	8	µg/m3							
Methyl-tert-butylether	ND	40	µg/m3							
Ethyl-tert-butylether	ND	40	µg/m3							
Di-isopropylether	ND	40	µg/m3							
tert-amylmethylether	ND	40	µg/m3							
tert-Butylalcohol	ND	400	µg/m3							
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3							
n-Hexane (LCC)	ND	80	µg/m3							
n-Pentane (LCC)	ND	80	µg/m3							
Isopropanol (LCC)	ND	80	µg/m3							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

Standard ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2401091 - EPA 8260										
Sample Blank 1										
n-Propanol (LCC)	ND	80	µg/m3							
Surrogate: Toluene-d8		*101.35 %*								
Surrogate: Dibromofluoromethane		*98.43 %*								
Surrogate: 4-Bromofluorobenzene		*97.28 %*								

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Lab Director

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Waterstone Environmental	Project: Birtcher - Stearns & Church	
2936 East Coronado Street	Project Number: 22-101	Reported
Anaheim, CA 92806	Project Manager: Mark Shifflett	01/09/24 14:17

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
E	Estimated Concentration; concentration exceeds calibration ra
LCC	Leak Check Compound
1	Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was a
SMS	Sample matrix prevented adequate surrogate recovery.
J	Value less than PQL but greater than
HHS	High hydrocarbon concentration in this sample prevented adequate surrogate recovery.

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Air Chain-of-Custody Record

Lab Use Only
Jones Project # J240039
Page 1 of 2

Client: Waterstone Environmental, Inc.
Client Address: 2936 E Coronado St Anaheim, CA 92806
Project Name: Birtcher - Stearns & Church
Project Address: 10300 Calimesa Blvd. Calimesa, CA 92320
Report To: Mark Shifflett
Email/Phone:
Sampler: Kevin Horchler

Date: 1/4/2024
Client Project #: 22-101

Purge Rate: 200 cc/min
Shut In Test: (Y) / N

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

Tracer
- ☒ n-pentane
- ☒ n-hexane
- ☐ n-heptane
- ☐ Helium
- ☐ 1,1-DFA
- ☒ IPA, n-prop.

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

Gasoline Range Organics
☒ Yes ☐ No

Summa Canister Size
☒ 1L ☐ 6L

Units Requested
☒ ug/m3 ☐ ug/L ☐ ppmV

Analysis Requested

Sample ID	Date Collected	Purge Number	Purge Volume	Laboratory Sample ID	Canister ID	Canister Start Pressure	Canister End Pressure	Flow Rate (cc/min)	Sampling Start Time	Sampling End Time	TO-15	8260B	Magnehelic Reading (in/H_2O)	Number of Containers
FS-1-5	1/4/2024	3	2530	-001	01156	-30	-4	~200	0759	0805		X	<2	1
MB-1-5	1/4/2024	3	2530	-002	01764	-29	-2	~200	0826	0831		X	<2	1
MB-2-5	1/4/2024	3	2530	-003	01813	-30	-4	~200	0828	0834		X	<2	1
MB-3-5	1/4/2024	3	2530	-004	01814	-29	-3	~200	0841	0846		X	<2	1
BLO-1-5	1/4/2024	3	2530	-005	01785	-30	-4	~200	0842	0849		X	<2	1
BB-1-8	1/4/2024	3	2580	-006	01694	-30	-2	~200	0857	0901		X	<2	1
BB-2-8	1/4/2024	3	2580	-007	01583	-30	-5	~200	0859	0904		X	<2	1
BB-3-8	1/4/2024	3	2580	-008	01162	-30	-3	~200	0913	0919		X	<2	1
BB-4-8	1/4/2024	3	2580	-009	01800	-30	-3	~200	0913	0920		X	<2	1
WO-1-5	1/4/2024	3	2530	-010	01180	-30	-4	~200	0939	0945		X	<2	1

Relinquished By (Signature)	Date	Recieved By (Signature)	Date
T. Pagdigian	1/4/2024	K. Horchler	1/4/2024
Company: Waterstone	Time:	Company: Jones Env.	Time:
Relinquished By (Signature):	Date: 1/5/2024	Recieved By Laboratory (Signature):	Date: 1-5-24
Company: Jones Env.	Time:	Company: JEL	Time: 1004

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specificied above under the Terms and Conditions set forth

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

Air Chain-of-Custody Record

Lab Use Only
Jones Project # J240039
Page 2 of 2

Client: Waterstone Environmental Inc.
Client Address: 2936 E Coronado St. Anaheim CA 92806
Project Name: Birtcher - Stearns & Church
Project Address: 10300 Calimesa Blvd. Calimesa, CA 92320
Report To: Mark Shifflet
Email/Phone:
Sampler: Kevin Horchler

Date: 1/4/2024
Client Project #: 22-101

Purge Rate: 200 cc/min
Shut In Test: (Y) / N

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

Tracer
- X n-pentane
- X n-hexane
- □ n-heptane
- □ Helium
- □ 1,1-DFA
- X IPA, n-prop.

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

Gasoline Range Organics
X Yes □ No

Summa Cannister Size
X 1L □ 6L

Units Requested
X ug/m3 □ ug/L □ ppmV

Sample ID	Date Collected	Purge Number	Purge Volume	Laboratory Sample ID	Canister ID	Cannister Start Pressure	Cannister End Pressure	Flow Rate (cc/min)	Sampling Start Time	Sampling End Time	Analysis Requested: TO-15	8260B	Magnehelic Reading (in/H_2O)	Number of Containers
WO-2-5	1/4/2024	3	2530	-011	01797	-30	-4	~200	0938	0944		X	<2	1

Relinquished By (Signature): Date:
Company: Time:

Recieved By (Signature): K. Horchler Date: 1/4/2024
Company: Jones Env. Time:

Relinquished By (Signature): Date: 1/5/2024
Company: Jones Time:

Recieved By Laboratory (Signature): Date: 1-5-24
Company: JEL Time: 1004

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specificied above under the Terms and Conditions set forth