PHASE II ENVIRONMENTAL SITE ASSESSMENT

Quarry Tile Company
6328 East Utah Avenue
Spokane Valley, Washington

ALLWEST Project No. 924-100E
Date: January 10, 2025

Prepared for:

David Galaviz
521 Quarry Road
Aromas, California 95004

Prepared by:

ALLWEST
690 W. Capstone Ct.
Hayden, Idaho 83835

January 10, 2025

David Galaviz
Fireclay Tile, Inc.
521 Quarry Road
Aromas, California 95004

RE: Phase II Environmental Site Assessment
Quarry Tile Company
6328 East Utah Avenue
Spokane Valley, Washington
ALLWEST Project No. 924-100E

Mr. Galaviz:

ALLWEST is pleased to submit this Phase II Environmental Site Assessment (ESA) report for Quarry Tile Company located at the above referenced address. This evaluation was performed in general accordance with the Washington Department of Ecology (WDOE)requirements.

This report summarizes sampling activities, laboratory analytical test results and presents our findings, opinions and recommendations.

We appreciate the opportunity to perform these services. Please contact either of the undersigned if you have questions regarding the information provided in the report.

Sincerely,

ALLWEST

Rowan Hites
Environmental Specialist

Brett Zimmerman
Environmental Professional

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QUARRY TILE COMPANY
SPOKANE VALLEY, WASHINGTON

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PHASE II ENVIRONMENTAL SITE ASSESSMENT

QUARRY TILE COMPANY
6328 EAST UTAH AVENUE
SPOKANE VALLEY, WASHINGTON

ALLWEST Project No. 924-100E

1.0 INTRODUCTION

1.1 Site Description

The subject property is located at 6328 East Utah Avenue in Spokane Valley, Washington and is currently in operation as a tile manufacturer. The general location of the subject property is depicted in Figure 1 (Vicinity Map).

1.2 Scope of Services

ALLWEST prepared a Phase I ESA for the site, dated August 1, 2022, and identified the following recognized environmental conditions (RECs).

- Stained concrete and asphalt was observed around the hydraulic oil coolers at the south end of the subject property along the southern side of Shop 6. The staining was significant and pooling oil was observed in places. A pathway for oil to seep into an adjacent drywell was also observed. Given the amount of staining and that the oil coolers have been in place for over 20 years, this is considered to be a REC to the subject property at this time.

Based on the suspected potential impacts, the objective of this Phase II Environmental Site Assessment (ESA) was to evaluate the presence of total petroleum hydrocarbons (TPHs) (gasoline, diesel, and residual range organics), polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and Resource Conservation and Recovery Act (RCRA) 8 Metals in the site soils.

Our scope of services included advancing 4 direct push borings to obtain samples of the subsurface soils.

1.3 Standard of Care

ALLWEST's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. ALLWEST makes no warranties, either expressed or implied, regarding the findings, conclusions or recommendations. Please note that ALLWEST does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These Phase II ESA services

were performed in accordance with the scope of services agreed with you, our client, and were not restricted by ASTM E1903-19.

1.4 Scope Limitations

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of services; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this Phase II ESA. Subsurface conditions may vary from those encountered at specific subsurface exploration locations or during other surveys, tests, assessments, evaluations or exploratory services. The data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

1.5 Reliance

This report has been prepared for the exclusive use and reliance of the addressee and the following:

- BHO Holdings, LLC

Any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of the client and ALLWEST. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the Phase II ESA report. The limitation of liability defined in the terms and conditions is the aggregate limit of ALLWEST's liability to the client and all relying parties unless otherwise agreed in writing.

2.0 FIELD ACTIVITIES

2.1 Subsurface Exploration

ALLWEST's field activities were conducted on December 3, 2024, by Ms. Rowan Hites, Environmental Specialist. As part of the approved scope of services, 4 borings were advanced at the site to obtain samples of the subsurface soils for analytical testing of potential contaminants. The borings were advanced to depths of approximately 4 to 12 feet below existing grade. Groundwater was not encountered in the borings to the depths explored. The approximate locations of the borings and sampling locations in relation to the pertinent structures and general site boundaries are shown on Figure 2 (attached).

Prior to drilling, Digline 811 (a public utility locator) was contacted for utility location. Additionally, ground penetrating radar services were subcontracted to assist in identifying private utilities and other potential subsurface structures.

Drilling services were performed by Northern Lights Drilling using a truck-mounted direct push drill rig under the supervision of ALLWEST. Soil samples were collected using four-foot macro-core samplers with polyethylene/Teflon liners. Drilling equipment was cleaned prior to beginning the project and before beginning each soil boring. Sampling equipment was cleaned using Liquinox® wash and potable water rinse prior to the beginning of the project and before collecting each soil sample. Soil cuttings and equipment cleaning water generated during the field activities were stored on-site in a 55-gallon drum. Borings were immediately backfilled with bentonite upon completion.

2.2 Soil Sampling

ALLWEST's sampling program will generally comply with EPA sampling method SW-846, and the Washington Department of Ecology (WDOE)'s Model Toxics Control Act Cleanup Regulation (MTCA) sampling and analysis plan rule requirements under WAC 173-340-820.

ALLWEST's soil sampling program involved obtaining one (1) soil sample from each boring for laboratory analysis, with the exception of Boring SB-1 where two (2) samples were taken. Sample depths are indicated in Table 1. The soils were screened with a Mini-Rae 3000 photoionization detector (PID) meter during drilling and sampling. The PID meter is a screening tool that can indicate the presence of VOCs. However, the PID readings are not a reliable indicator of concentrations of VOCs. If, based on these observations, no elevated PID readings were observed; the sample was collected from the interval of most likely environmental impact as determined in the field by the sampling professional. The PID readings taken during sampling did not indicate the presence of VOCs.

3.0 LABORATORY ANALYTICAL METHODS

The soil samples collected were analyzed by the following laboratory methods:

Analyte	EPA Method
Volatile organic compounds (VOCs)	8260D
Semi-volatile organic compounds (SVOCs)	8270E
RCRA 8 Metals	6010D
Polychlorinated Biphenyls (PCBs)	EPA Method 8082
Total Petroleum Hydrocarbons (TPHs)	NWTPH - Dx

A trip blank was prepared and analyzed for QC purposes. The laboratory results are summarized in Table 1. The executed chain-of-custody forms and laboratory data sheets are provided in Appendix A.

4.0 DATA EVALUATION

The results of the laboratory testing were compared to the relevant clean-up requirements for Washington Department of Ecology's MTCA for industrial soil or Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) if no local requirement is established. Based on these results and observations made during drilling and sampling, our opinions and conclusions were formulated.

5.0 SUMMARY OF FINDINGS, OPINIONS AND RECOMMENDATIONS

The objective of the Phase II ESA was to evaluate the presence of total petroleum hydrocarbons (TPHs) (gasoline, diesel, and residual range organics), polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and Resource Conservation and Recovery Act (RCRA) 8 Metals in the subsurface soils which may have been impacted by historical use of the site. The following summary of findings along with opinions and recommendations is provided:

- Each of the five soil samples collected did exhibit concentrations of RCRA 8 Metals above the laboratory method detection limits; however, the concentrations were reported at levels below the MTCA cleanup levels for industrial soil with the exception of samples SB-1-1 and SB-1-2, which had Cadmium and Chromium **exceeding** the cleanup levels.

- The soil samples collected did exhibit concentrations of VOCs above the laboratory method detection limits, with the exception of SB-2-1 and SB-3-1. The concentrations were reported at levels below the MTCA cleanup levels for industrial soil and EPA RUSLs.

- The soil samples collected did not exhibit concentrations of SVOCs above the laboratory method detection limits, with the exception of sample number SB-4-1. The concentrations were reported at levels below the MTCA cleanup levels for industrial soil and EPA RUSLs.

- The soil samples collected did not exhibit concentrations of gasoline range organics (GRO) above the laboratory method detection limits.

- Diesel range organics (DRO) were detected in sample SB-2-1 and SB-3-1 above the laboratory method detection limits; however, the concentrations were reported at levels below the MTCA cleanup levels for industrial soil.

- Each of the soil samples collected did exhibit concentrations of residual range organics (RRO) above the laboratory method detection limits; however, the concentrations were reported at levels below the MTCA cleanup levels for industrial soil, with the exception of sample SB-2-1, which **exceeds** the cleanup level.

- The soil samples collected did not exhibit concentrations of Polychlorinated Biphenyls (PCBs) above the laboratory method detection limits.

- Constituents were not detected in the trip blank sample, indicating cross-contamination of the samples did not occur during shipment.

- Based on the laboratory test results, it does appear the historical site use has adversely affected subsurface conditions.

- Reporting requirements to WSDOE will be the responsibility of the owner of the site.

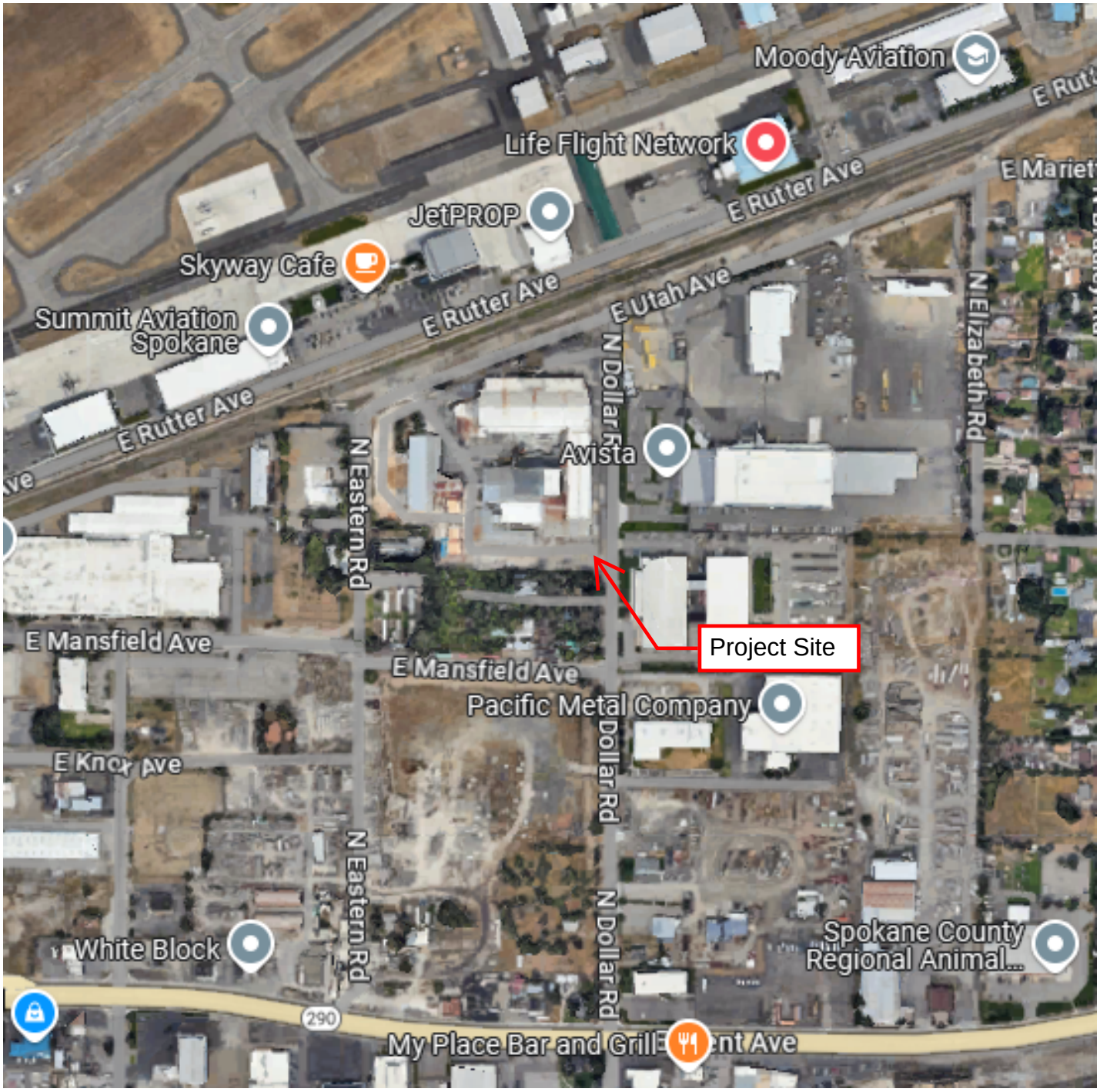
- Based on our findings, it does appear additional evaluation of the site is warranted.

6.0 LIMITATIONS

The findings, opinions and recommendations provided in this report are based on a limited number of explorations at the approximate locations and depths indicated. The scope of services for this Phase II ESA was based on the recognized environmental conditions identified in the referenced Phase I ESA prepared for the site.

FIGURES

Figure 1 – Vicinity Map
Figure 2 – Sample Location Map



REFERENCE: GOOGLE EARTH - 2024

DIAGRAM IS FOR GENERAL LOCATION ONLY

N
W E
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ALLWEST

690 West Capstone Court
Hayden, Idaho

www.allwesttesting.com

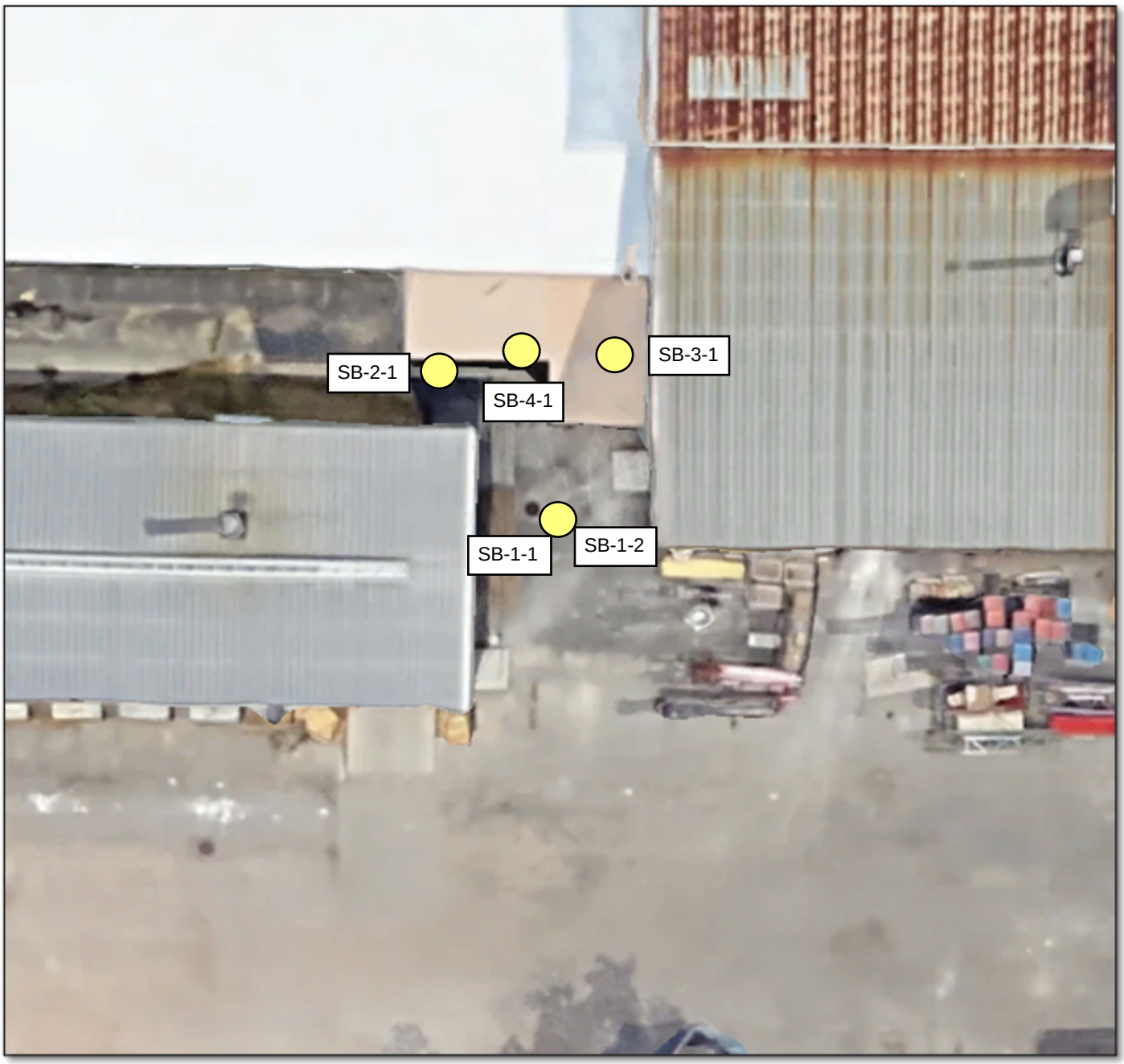
FIGURE 1— VICINITY MAP

Quarry Tile Company

6328 East Utah Avenue

Spokane Valley, Washington

Client Name	Fireclay Tile, Inc.
Project No.	924-100E
Date	December 2024



REFERENCE: GOOGLE EARTH - 2022

DIAGRAM IS FOR GENERAL LOCATION ONLY

N
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ALLWEST

690 West Capstone Court
Hayden, Idaho

www.allwesttesting.com

FIGURE 2 — SITE DIAGRAM

Quarry Tile Company

6328 East Utah Avenue

Spokane Valley, Washington

Client Name	Fireclay Tile, Inc.
Project No.	924-100E
Date	December 2024

TABLES

Table 1 – Summary of Analytical Test Results

Quarry Tile Company
6328 East Utah Avenue
Spokane Valley, Washington
ALLWEST Proposal No. 924-100E

TABLE 1. SUMMARY OF LABORATORY ANALYTICAL TEST RESULTS

Sample No.	Depth (feet)	Matrix	RCRA 8 Metals								TPH			PCB
			Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	GRO	DRO	RRO	
SB-1-1	1	Soil	3.68	118.0	**9.570**	**23.9**	81.10	0.0628	1.41	0.644	ND	ND	314	ND
SB-1-2	8	Soil	4.52	96.7	1.040	**24.80**	33.50	0.0344	1.52	0.182	ND	ND	952	ND
SB-2-1	1	Soil	3.58	149.0	0.533	12.80	38.40	ND	1.92	ND	ND	733	**4150**	ND
SB-3-1	3	Soil	3.25	118	0.190	14.4	18.80	ND	0.926	0.214	ND	237	2000	ND
SB-4-1	3	Soil	5.39	139.00	1.24	18.90	37.30	ND	ND	0.21	ND	ND	996.0	ND

	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	GRO	DRO	RRO	PCB
MTCA	20	NE	2	19	250	2	NE	NE	100	2,000	2,000	
RSL	3.0	220,000	100	NE	800	46	5,800	5,800	4,200	5,600	30,000	

Notes:
2. Concentrations which exceed the MTCA, or RSL if no MTCA established, are indicated in bold and red.
3. MTCA clean-up levels and RSLs are for industrial soil.
4. TPH = Total petroleum hydrocarbons.
5. GRO = Gasoline range organics.
6. DRO = Diesel range organics.
7. RRO = Residual range organics.
8. VOCs = Volatile organic compounds.
9. SVOCs = Semi-volatile organic compounds.
10. ND = Not detected above Stated Reported Limit - See individual laboratory sheets for specific detection limits.
11. NE = Not established

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL TEST RESULTS - VOCs

Sample No.	Depth (feet)	Matrix	VOCs			
			Acetone	Ethylbenzene	Toluene	Xylenes
SB-1-1	1	Soil	0.0565	0.00118	0.00399	0.00906
SB-1-2	8	Soil	ND	ND	0.00486	ND
SB-2-1	1	Soil	ND	ND	ND	ND
SB-3-1	3	Soil	ND	ND	ND	ND
SB-4-1	3	Soil	0.0551	ND	ND	ND

	Acetone	Ethylbenzene	Toluene	Xylenes
MTCA	NE	6.00	7.0	9
RSL	72,000	5.8	47,000	580

Notes:

1. Concentrations which exceed the MTCA, or RSLs if no MTCA established, are indicated in bold and red.
2. Units for soil samples are milligrams/kilogram (mg/kg) and micrograms per liter (µg/l) for water.
3. RCRA = Resource Conservation and Recovery Act
4. VOCs = Volatile organic compounds.
5. SVOCs = Semi-volatile organic compounds.
6. ND = Not detected above Stated Reported Limit - See individual laboratory sheets for specific detection limits.
7. NE = Not established
8. NT = Not tested

TABLE 3. SUMMARY OF LABORATORY ANALYTICAL TEST RESULTS

Sample No.	Depth (feet)	Matrix	SVOC'S					
			Fluoranthene	Pyrene	Benzo[a]anthracene	Chrysene	Benzo[b]fluoranthene	Benzo[a]pyrene
SB-1-1	1	S	ND	ND	ND	ND	ND	ND
SB-1-2	8	S	ND	ND	ND	ND	ND	ND
SB-2-1	1	S	ND	ND	ND	ND	ND	ND
SB-3-1	3	S	ND	ND	ND	ND	ND	ND
SB-4-1	3	S	0.0216	0.0281	0.0146	0.0165	0.0302	0.0158

	Fluoranthene	Pyrene	Benzo[a]anthracene	Chrysene	Benzo[b]fluoranthene	Benzo[a]pyrene
MTCA	NE	NE	NE	NE	NE	0.1
RSL	2400	1800	1.1	110	1.8	0.11

Notes:

1. Concentrations which exceed the MTCAs, or RSLs if no MTCA established, are indicated in bold and red.
2. Units for soil samples are milligrams/kilogram (mg/kg) and micrograms per liter (µg/l) for water.
3. RCRA = Resource Conservation and Recovery Act
4. VOCs = Volatile organic compounds.
5. SVOCs = Semi-volatile organic compounds.
6. ND = Not detected above Stated Reported Limit - See individual laboratory sheets for specific detection limits.
7. NE = Not established
8. NT = Not tested

APPENDIX A

Laboratory Analytical Reports
Chain-of-Custody

ANALYTICAL REPORT

December 26, 2024

AllWest Testing & Eng. - Idaho

Sample Delivery Group:	L1806296
Samples Received:	12/05/2024
Project Number:	924-100E
Description:	

Report To: Chelsea Lloyd
2705 E. Main St.
Lewiston, ID 83501

Entire Report Reviewed By:

Kelly Mercer
Project Manager

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SB-1-1 L1806296-01 Solid

Collected by: Rowan Hites | Collected date/time: 12/03/24 10:05 | Received date/time: 12/05/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2414589	1	12/07/24 07:50	12/07/24 08:39	JAV	Mt. Juliet, TN
Mercury by Method 7471B	WG2414660	1	12/11/24 12:17	12/12/24 15:40	LAS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2414713	1	12/10/24 23:10	12/11/24 08:55	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2415245	1	12/03/24 10:05	12/09/24 01:33	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2414533	50	12/07/24 10:49	12/08/24 18:45	NH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2414544	10	12/07/24 11:04	12/07/24 22:42	LTB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2414550	10	12/09/24 06:37	12/20/24 03:17	ALM	Mt. Juliet, TN

SB-1-2 L1806296-02 Solid

Collected by: Rowan Hites | Collected date/time: 12/03/24 10:11 | Received date/time: 12/05/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2414589	1	12/07/24 07:50	12/07/24 08:39	JAV	Mt. Juliet, TN
Mercury by Method 7471B	WG2414660	1	12/11/24 12:17	12/12/24 14:38	LAS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2414713	1	12/10/24 23:10	12/11/24 08:57	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2416187	1	12/03/24 10:11	12/11/24 18:02	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2414533	100	12/07/24 10:49	12/08/24 19:10	NH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2414544	20	12/07/24 11:04	12/07/24 23:03	LTB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2414550	10	12/09/24 06:37	12/20/24 03:41	ALM	Mt. Juliet, TN

SB-2-1 L1806296-03 Solid

Collected by: Rowan Hites | Collected date/time: 12/03/24 10:53 | Received date/time: 12/05/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2414589	1	12/07/24 07:50	12/07/24 08:39	JAV	Mt. Juliet, TN
Mercury by Method 7471B	WG2414660	1	12/11/24 12:17	12/12/24 15:43	LAS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2414713	1	12/10/24 23:10	12/11/24 08:58	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2415245	1	12/03/24 10:53	12/09/24 01:52	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2414533	50	12/07/24 10:49	12/08/24 18:58	NH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2414544	10	12/07/24 11:04	12/07/24 22:52	LTB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2414550	10	12/09/24 06:37	12/09/24 23:21	NJK	Mt. Juliet, TN

SB-3-1 L1806296-04 Solid

Collected by: Rowan Hites | Collected date/time: 12/03/24 11:24 | Received date/time: 12/05/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2414589	1	12/07/24 07:50	12/07/24 08:39	JAV	Mt. Juliet, TN
Mercury by Method 7471B	WG2414660	1	12/11/24 12:17	12/12/24 15:49	LAS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2414713	1	12/10/24 23:10	12/11/24 09:00	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2415245	1	12/03/24 11:24	12/09/24 02:11	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2414533	50	12/07/24 10:49	12/10/24 11:57	JAS	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2414544	10	12/07/24 11:04	12/07/24 22:12	LTB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2414550	2	12/09/24 06:37	12/20/24 04:30	ALM	Mt. Juliet, TN

SB-4-1 L1806296-05 Solid

Collected by: Rowan Hites | Collected date/time: 12/03/24 11:41 | Received date/time: 12/05/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2414589	1	12/07/24 07:50	12/07/24 08:39	JAV	Mt. Juliet, TN
Mercury by Method 7471B	WG2414660	1	12/11/24 12:17	12/12/24 15:51	LAS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2414713	1	12/10/24 23:10	12/11/24 09:01	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2415245	1	12/03/24 11:41	12/09/24 02:30	DWR	Mt. Juliet, TN

SB-4-1 L1806296-05 Solid

Collected by: Rowan Hites
Collected date/time: 12/03/24 11:41
Received date/time: 12/05/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2414533	100	12/07/24 10:49	12/08/24 19:22	NH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2414544	10	12/07/24 11:04	12/07/24 22:22	LTB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2414550	2	12/09/24 06:37	12/20/24 04:05	ALM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Kelly Mercer
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.8		1	12/07/2024 08:39	WG2414589

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0628		0.0232	0.0451	1	12/12/2024 15:40	WG2414660

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Arsenic	3.68		0.584	2.25	1	12/11/2024 08:55	WG2414713
Barium	118		0.0960	0.563	1	12/11/2024 08:55	WG2414713
Cadmium	9.57		0.0531	0.563	1	12/11/2024 08:55	WG2414713
Chromium	23.9		0.150	1.13	1	12/11/2024 08:55	WG2414713
Lead	81.1		0.234	0.563	1	12/11/2024 08:55	WG2414713
Selenium	1.41	J	0.861	2.25	1	12/11/2024 08:55	WG2414713
Silver	0.644	J	0.143	1.13	1	12/11/2024 08:55	WG2414713

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.0565	J J4	0.0459	0.0629	1	12/09/2024 01:33	WG2415245
Acrylonitrile	U	J4	0.00454	0.0157	1	12/09/2024 01:33	WG2415245
Benzene	U		0.000588	0.00126	1	12/09/2024 01:33	WG2415245
Bromobenzene	U		0.00113	0.0157	1	12/09/2024 01:33	WG2415245
Bromodichloromethane	U		0.000912	0.00315	1	12/09/2024 01:33	WG2415245
Bromoform	U		0.00147	0.0315	1	12/09/2024 01:33	WG2415245
Bromomethane	U		0.00248	0.0157	1	12/09/2024 01:33	WG2415245
n-Butylbenzene	U		0.00661	0.0157	1	12/09/2024 01:33	WG2415245
sec-Butylbenzene	U		0.00362	0.0157	1	12/09/2024 01:33	WG2415245
tert-Butylbenzene	U		0.00245	0.00629	1	12/09/2024 01:33	WG2415245
Carbon tetrachloride	U		0.00113	0.00629	1	12/09/2024 01:33	WG2415245
Chlorobenzene	U		0.000264	0.00315	1	12/09/2024 01:33	WG2415245
Chlorodibromomethane	U		0.000770	0.00315	1	12/09/2024 01:33	WG2415245
Chloroethane	U		0.00214	0.00629	1	12/09/2024 01:33	WG2415245
Chloroform	U		0.00130	0.00315	1	12/09/2024 01:33	WG2415245
Chloromethane	U		0.00547	0.0157	1	12/09/2024 01:33	WG2415245
2-Chlorotoluene	U		0.00109	0.00315	1	12/09/2024 01:33	WG2415245
4-Chlorotoluene	U		0.000566	0.00629	1	12/09/2024 01:33	WG2415245
1,2-Dibromo-3-Chloropropane	U		0.00491	0.0315	1	12/09/2024 01:33	WG2415245
1,2-Dibromoethane	U		0.000815	0.00315	1	12/09/2024 01:33	WG2415245
Dibromomethane	U		0.000944	0.00629	1	12/09/2024 01:33	WG2415245
1,2-Dichlorobenzene	U		0.000535	0.00629	1	12/09/2024 01:33	WG2415245
1,3-Dichlorobenzene	U		0.000755	0.00629	1	12/09/2024 01:33	WG2415245
1,4-Dichlorobenzene	U		0.000881	0.00629	1	12/09/2024 01:33	WG2415245
Dichlorodifluoromethane	U		0.00203	0.00629	1	12/09/2024 01:33	WG2415245
1,1-Dichloroethane	U		0.000618	0.00315	1	12/09/2024 01:33	WG2415245
1,2-Dichloroethane	U		0.000817	0.00315	1	12/09/2024 01:33	WG2415245
1,1-Dichloroethene	U		0.000763	0.00315	1	12/09/2024 01:33	WG2415245
cis-1,2-Dichloroethene	U		0.000924	0.00315	1	12/09/2024 01:33	WG2415245
trans-1,2-Dichloroethene	U		0.00131	0.00629	1	12/09/2024 01:33	WG2415245
1,2-Dichloropropane	U		0.00179	0.00629	1	12/09/2024 01:33	WG2415245
1,1-Dichloropropene	U		0.00102	0.00315	1	12/09/2024 01:33	WG2415245
1,3-Dichloropropane	U		0.000630	0.00629	1	12/09/2024 01:33	WG2415245

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
cis-1,3-Dichloropropene	U		0.000953	0.00315	1	12/09/2024 01:33	WG2415245
trans-1,3-Dichloropropene	U		0.00143	0.00629	1	12/09/2024 01:33	WG2415245
2,2-Dichloropropane	U	J4	0.00174	0.00315	1	12/09/2024 01:33	WG2415245
Di-isopropyl ether	U		0.000516	0.00126	1	12/09/2024 01:33	WG2415245
Ethylbenzene	0.00118	J	0.000927	0.00315	1	12/09/2024 01:33	WG2415245
Hexachloro-1,3-butadiene	U		0.00755	0.0315	1	12/09/2024 01:33	WG2415245
Isopropylbenzene	U		0.000535	0.00315	1	12/09/2024 01:33	WG2415245
p-Isopropyltoluene	U		0.00321	0.00629	1	12/09/2024 01:33	WG2415245
2-Butanone (MEK)	U		0.0799	0.126	1	12/09/2024 01:33	WG2415245
Methylene Chloride	U		0.00836	0.0315	1	12/09/2024 01:33	WG2415245
4-Methyl-2-pentanone (MIBK)	U		0.00287	0.0315	1	12/09/2024 01:33	WG2415245
Methyl tert-butyl ether	U		0.000440	0.00126	1	12/09/2024 01:33	WG2415245
Naphthalene	U	C3	0.00614	0.0157	1	12/09/2024 01:33	WG2415245
n-Propylbenzene	U		0.00120	0.00629	1	12/09/2024 01:33	WG2415245
Styrene	U		0.000288	0.0157	1	12/09/2024 01:33	WG2415245
1,1,1,2-Tetrachloroethane	U		0.00119	0.00315	1	12/09/2024 01:33	WG2415245
1,1,2,2-Tetrachloroethane	U		0.000875	0.00315	1	12/09/2024 01:33	WG2415245
1,1,2-Trichlorotrifluoroethane	U		0.000949	0.00315	1	12/09/2024 01:33	WG2415245
Tetrachloroethene	U		0.00113	0.00315	1	12/09/2024 01:33	WG2415245
Toluene	0.00399	J	0.00164	0.00629	1	12/09/2024 01:33	WG2415245
1,2,3-Trichlorobenzene	U	C3	0.00922	0.0157	1	12/09/2024 01:33	WG2415245
1,2,4-Trichlorobenzene	U		0.00554	0.0157	1	12/09/2024 01:33	WG2415245
1,1,1-Trichloroethane	U		0.00116	0.00315	1	12/09/2024 01:33	WG2415245
1,1,2-Trichloroethane	U		0.000751	0.00315	1	12/09/2024 01:33	WG2415245
Trichloroethene	U		0.000735	0.00126	1	12/09/2024 01:33	WG2415245
Trichlorofluoromethane	U		0.00104	0.00315	1	12/09/2024 01:33	WG2415245
1,2,3-Trichloropropane	U		0.00204	0.0157	1	12/09/2024 01:33	WG2415245
1,2,4-Trimethylbenzene	U		0.00199	0.00629	1	12/09/2024 01:33	WG2415245
1,2,3-Trimethylbenzene	U		0.00199	0.00629	1	12/09/2024 01:33	WG2415245
1,3,5-Trimethylbenzene	U		0.00252	0.00629	1	12/09/2024 01:33	WG2415245
Vinyl chloride	U	J4	0.00146	0.00315	1	12/09/2024 01:33	WG2415245
Xylenes, Total	0.00906		0.00111	0.00818	1	12/09/2024 01:33	WG2415245
(S) Toluene-d8	*101*			*75.0-131*		*12/09/2024 01:33*	WG2415245
(S) 4-Bromofluorobenzene	*96.8*			*67.0-138*		*12/09/2024 01:33*	WG2415245
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*		*12/09/2024 01:33*	WG2415245

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		74.9	225	50	12/08/2024 18:45	WG2414533
Residual Range Organics (RRO)	314	J	187	563	50	12/08/2024 18:45	WG2414533
(S) o-Terphenyl	*47.6*	J7		*18.0-148*		*12/08/2024 18:45*	WG2414533

Sample Narrative:

L1806296-01 WG2414533: Cannot run at lower dilution due to viscosity of extract

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	U		0.133	0.383	10	12/07/2024 22:42	WG2414544
PCB 1221	U		0.133	0.383	10	12/07/2024 22:42	WG2414544
PCB 1232	U		0.133	0.383	10	12/07/2024 22:42	WG2414544
PCB 1242	U		0.133	0.383	10	12/07/2024 22:42	WG2414544
PCB 1248	U		0.0831	0.191	10	12/07/2024 22:42	WG2414544
PCB 1254	U		0.0831	0.191	10	12/07/2024 22:42	WG2414544

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1260	U		0.0831	0.191	10	12/07/2024 22:42	WG2414544
(S) Decachlorobiphenyl	*83.2*			*10.0-135*		*12/07/2024 22:42*	WG2414544
(S) Tetrachloro-m-xylene	*97.9*			*10.0-139*		*12/07/2024 22:42*	WG2414544

Sample Narrative:

L1806296-01 WG2414544: Cannot run at lower dilution due to viscosity of extract

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0607	0.375	10	12/20/2024 03:17	WG2414550
Acenaphthylene	U		0.0528	0.375	10	12/20/2024 03:17	WG2414550
Anthracene	U		0.0668	0.375	10	12/20/2024 03:17	WG2414550
Benzidine	U		0.705	18.8	10	12/20/2024 03:17	WG2414550
Benzo(a)anthracene	U		0.0661	0.375	10	12/20/2024 03:17	WG2414550
Benzo(b)fluoranthene	U		0.0700	0.375	10	12/20/2024 03:17	WG2414550
Benzo(k)fluoranthene	U		0.0667	0.375	10	12/20/2024 03:17	WG2414550
Benzo(g,h,i)perylene	U		0.0686	0.375	10	12/20/2024 03:17	WG2414550
Benzo(a)pyrene	U		0.0697	0.375	10	12/20/2024 03:17	WG2414550
Bis(2-chlorethoxy)methane	U		0.113	3.75	10	12/20/2024 03:17	WG2414550
Bis(2-chloroethyl)ether	U		0.124	3.75	10	12/20/2024 03:17	WG2414550
2,2-Oxybis(1-Chloropropane)	U		0.162	3.75	10	12/20/2024 03:17	WG2414550
4-Bromophenyl-phenylether	U		0.132	3.75	10	12/20/2024 03:17	WG2414550
2-Chloronaphthalene	U		0.0659	0.375	10	12/20/2024 03:17	WG2414550
4-Chlorophenyl-phenylether	U		0.131	3.75	10	12/20/2024 03:17	WG2414550
Chrysene	U		0.0746	0.375	10	12/20/2024 03:17	WG2414550
Dibenz(a,h)anthracene	U		0.104	0.375	10	12/20/2024 03:17	WG2414550
1,2-Dichlorobenzene	U		0.111	3.75	10	12/20/2024 03:17	WG2414550
1,3-Dichlorobenzene	U		0.114	3.75	10	12/20/2024 03:17	WG2414550
1,4-Dichlorobenzene	U		0.112	3.75	10	12/20/2024 03:17	WG2414550
3,3-Dichlorobenzidine	U		0.139	3.75	10	12/20/2024 03:17	WG2414550
2,4-Dinitrotoluene	U		0.108	3.75	10	12/20/2024 03:17	WG2414550
2,6-Dinitrotoluene	U		0.123	3.75	10	12/20/2024 03:17	WG2414550
Fluoranthene	U		0.0677	0.375	10	12/20/2024 03:17	WG2414550
Fluorene	U		0.0611	0.375	10	12/20/2024 03:17	WG2414550
Hexachlorobenzene	U		0.133	3.75	10	12/20/2024 03:17	WG2414550
Hexachloro-1,3-butadiene	U		0.126	3.75	10	12/20/2024 03:17	WG2414550
Hexachlorocyclopentadiene	U	C3	0.197	3.75	10	12/20/2024 03:17	WG2414550
Hexachloroethane	U		0.148	3.75	10	12/20/2024 03:17	WG2414550
Indeno(1,2,3-cd)pyrene	U		0.106	0.375	10	12/20/2024 03:17	WG2414550
Isophorone	U		0.115	3.75	10	12/20/2024 03:17	WG2414550
Naphthalene	U		0.0942	0.375	10	12/20/2024 03:17	WG2414550
Nitrobenzene	U		0.131	3.75	10	12/20/2024 03:17	WG2414550
n-Nitrosodimethylamine	U		0.556	3.75	10	12/20/2024 03:17	WG2414550
n-Nitrosodiphenylamine	U		0.284	3.75	10	12/20/2024 03:17	WG2414550
n-Nitrosodi-n-propylamine	U		0.125	3.75	10	12/20/2024 03:17	WG2414550
Phenanthrene	U		0.0745	0.375	10	12/20/2024 03:17	WG2414550
Benzylbutyl phthalate	U		0.117	3.75	10	12/20/2024 03:17	WG2414550
Bis(2-ethylhexyl)phthalate	U		0.475	3.75	10	12/20/2024 03:17	WG2414550
Di-n-butyl phthalate	U		0.128	3.75	10	12/20/2024 03:17	WG2414550
Diethyl phthalate	U		0.124	3.75	10	12/20/2024 03:17	WG2414550
Dimethyl phthalate	U		0.795	3.75	10	12/20/2024 03:17	WG2414550
Di-n-octyl phthalate	U		0.253	3.75	10	12/20/2024 03:17	WG2414550
Pyrene	U		0.0730	0.375	10	12/20/2024 03:17	WG2414550
1,2,4-Trichlorobenzene	U		0.117	3.75	10	12/20/2024 03:17	WG2414550
4-Chloro-3-methylphenol	U		0.122	3.75	10	12/20/2024 03:17	WG2414550

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Chlorophenol	U		0.124	3.75	10	12/20/2024 03:17	WG2414550
2,4-Dichlorophenol	U		0.109	3.75	10	12/20/2024 03:17	WG2414550
2,4-Dimethylphenol	U		0.0980	3.75	10	12/20/2024 03:17	WG2414550
4,6-Dinitro-2-methylphenol	U		0.850	3.75	10	12/20/2024 03:17	WG2414550
2,4-Dinitrophenol	U		0.878	3.75	10	12/20/2024 03:17	WG2414550
2-Nitrophenol	U		0.134	3.75	10	12/20/2024 03:17	WG2414550
4-Nitrophenol	U		0.117	3.75	10	12/20/2024 03:17	WG2414550
Pentachlorophenol	U		0.101	3.75	10	12/20/2024 03:17	WG2414550
Phenol	U		0.151	3.75	10	12/20/2024 03:17	WG2414550
2,4,6-Trichlorophenol	U		0.121	3.75	10	12/20/2024 03:17	WG2414550
(S) 2-Fluorophenol	*85.5*			*12.0-120*		*12/20/2024 03:17*	WG2414550
(S) Phenol-d5	*81.5*			*10.0-120*		*12/20/2024 03:17*	WG2414550
(S) Nitrobenzene-d5	*91.2*			*10.0-122*		*12/20/2024 03:17*	WG2414550
(S) 2-Fluorobiphenyl	*84.8*			*15.0-120*		*12/20/2024 03:17*	WG2414550
(S) 2,4,6-Tribromophenol	*76.4*			*10.0-127*		*12/20/2024 03:17*	WG2414550
(S) p-Terphenyl-d14	*89.7*			*10.0-120*		*12/20/2024 03:17*	WG2414550

Sample Narrative:

L1806296-01 WG2414550: Dilution due to matrix impact during extract concentration procedure.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.2		1	12/07/2024 08:39	WG2414589

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0344	J J6 O1	0.0221	0.0429	1	12/12/2024 14:38	WG2414660

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Arsenic	4.52		0.556	2.15	1	12/11/2024 08:57	WG2414713
Barium	96.7		0.0914	0.536	1	12/11/2024 08:57	WG2414713
Cadmium	1.04		0.0505	0.536	1	12/11/2024 08:57	WG2414713
Chromium	24.8		0.143	1.07	1	12/11/2024 08:57	WG2414713
Lead	33.5		0.223	0.536	1	12/11/2024 08:57	WG2414713
Selenium	1.52	J	0.819	2.15	1	12/11/2024 08:57	WG2414713
Silver	0.182	J	0.136	1.07	1	12/11/2024 08:57	WG2414713

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U	C3	0.0419	0.0574	1	12/11/2024 18:02	WG2416187
Acrylonitrile	U	C3	0.00415	0.0144	1	12/11/2024 18:02	WG2416187
Benzene	U		0.000536	0.00115	1	12/11/2024 18:02	WG2416187
Bromobenzene	U		0.00103	0.0144	1	12/11/2024 18:02	WG2416187
Bromodichloromethane	U		0.000833	0.00287	1	12/11/2024 18:02	WG2416187
Bromoform	U		0.00134	0.0287	1	12/11/2024 18:02	WG2416187
Bromomethane	U		0.00226	0.0144	1	12/11/2024 18:02	WG2416187
n-Butylbenzene	U		0.00603	0.0144	1	12/11/2024 18:02	WG2416187
sec-Butylbenzene	U		0.00331	0.0144	1	12/11/2024 18:02	WG2416187
tert-Butylbenzene	U		0.00224	0.00574	1	12/11/2024 18:02	WG2416187
Carbon tetrachloride	U		0.00103	0.00574	1	12/11/2024 18:02	WG2416187
Chlorobenzene	U		0.000241	0.00287	1	12/11/2024 18:02	WG2416187
Chlorodibromomethane	U		0.000703	0.00287	1	12/11/2024 18:02	WG2416187
Chloroethane	U	C3	0.00195	0.00574	1	12/11/2024 18:02	WG2416187
Chloroform	U		0.00118	0.00287	1	12/11/2024 18:02	WG2416187
Chloromethane	U	C3	0.00500	0.0144	1	12/11/2024 18:02	WG2416187
2-Chlorotoluene	U		0.000994	0.00287	1	12/11/2024 18:02	WG2416187
4-Chlorotoluene	U		0.000517	0.00574	1	12/11/2024 18:02	WG2416187
1,2-Dibromo-3-Chloropropane	U		0.00448	0.0287	1	12/11/2024 18:02	WG2416187
1,2-Dibromoethane	U		0.000744	0.00287	1	12/11/2024 18:02	WG2416187
Dibromomethane	U		0.000862	0.00574	1	12/11/2024 18:02	WG2416187
1,2-Dichlorobenzene	U		0.000488	0.00574	1	12/11/2024 18:02	WG2416187
1,3-Dichlorobenzene	U		0.000689	0.00574	1	12/11/2024 18:02	WG2416187
1,4-Dichlorobenzene	U		0.000804	0.00574	1	12/11/2024 18:02	WG2416187
Dichlorodifluoromethane	U		0.00185	0.00574	1	12/11/2024 18:02	WG2416187
1,1-Dichloroethane	U		0.000564	0.00287	1	12/11/2024 18:02	WG2416187
1,2-Dichloroethane	U		0.000746	0.00287	1	12/11/2024 18:02	WG2416187
1,1-Dichloroethene	U		0.000696	0.00287	1	12/11/2024 18:02	WG2416187
cis-1,2-Dichloroethene	U		0.000843	0.00287	1	12/11/2024 18:02	WG2416187
trans-1,2-Dichloroethene	U		0.00119	0.00574	1	12/11/2024 18:02	WG2416187
1,2-Dichloropropane	U		0.00163	0.00574	1	12/11/2024 18:02	WG2416187
1,1-Dichloropropene	U		0.000929	0.00287	1	12/11/2024 18:02	WG2416187
1,3-Dichloropropane	U		0.000576	0.00574	1	12/11/2024 18:02	WG2416187

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
cis-1,3-Dichloropropene	U		0.000870	0.00287	1	12/11/2024 18:02	WG2416187
trans-1,3-Dichloropropene	U		0.00131	0.00574	1	12/11/2024 18:02	WG2416187
2,2-Dichloropropane	U		0.00159	0.00287	1	12/11/2024 18:02	WG2416187
Di-isopropyl ether	U	C3	0.000471	0.00115	1	12/11/2024 18:02	WG2416187
Ethylbenzene	U		0.000847	0.00287	1	12/11/2024 18:02	WG2416187
Hexachloro-1,3-butadiene	U		0.00689	0.0287	1	12/11/2024 18:02	WG2416187
Isopropylbenzene	U		0.000488	0.00287	1	12/11/2024 18:02	WG2416187
p-Isopropyltoluene	U		0.00293	0.00574	1	12/11/2024 18:02	WG2416187
2-Butanone (MEK)	U	C3	0.0729	0.115	1	12/11/2024 18:02	WG2416187
Methylene Chloride	U		0.00763	0.0287	1	12/11/2024 18:02	WG2416187
4-Methyl-2-pentanone (MIBK)	U	C3	0.00262	0.0287	1	12/11/2024 18:02	WG2416187
Methyl tert-butyl ether	U		0.000402	0.00115	1	12/11/2024 18:02	WG2416187
Naphthalene	U		0.00561	0.0144	1	12/11/2024 18:02	WG2416187
n-Propylbenzene	U		0.00109	0.00574	1	12/11/2024 18:02	WG2416187
Styrene	U		0.000263	0.0144	1	12/11/2024 18:02	WG2416187
1,1,1,2-Tetrachloroethane	U		0.00109	0.00287	1	12/11/2024 18:02	WG2416187
1,1,2,2-Tetrachloroethane	U		0.000798	0.00287	1	12/11/2024 18:02	WG2416187
1,1,2-Trichlorotrifluoroethane	U		0.000866	0.00287	1	12/11/2024 18:02	WG2416187
Tetrachloroethene	U		0.00103	0.00287	1	12/11/2024 18:02	WG2416187
Toluene	0.00486	J	0.00149	0.00574	1	12/11/2024 18:02	WG2416187
1,2,3-Trichlorobenzene	U		0.00842	0.0144	1	12/11/2024 18:02	WG2416187
1,2,4-Trichlorobenzene	U		0.00505	0.0144	1	12/11/2024 18:02	WG2416187
1,1,1-Trichloroethane	U		0.00106	0.00287	1	12/11/2024 18:02	WG2416187
1,1,2-Trichloroethane	U		0.000686	0.00287	1	12/11/2024 18:02	WG2416187
Trichloroethene	U		0.000671	0.00115	1	12/11/2024 18:02	WG2416187
Trichlorofluoromethane	U		0.000950	0.00287	1	12/11/2024 18:02	WG2416187
1,2,3-Trichloropropane	U		0.00186	0.0144	1	12/11/2024 18:02	WG2416187
1,2,4-Trimethylbenzene	U		0.00181	0.00574	1	12/11/2024 18:02	WG2416187
1,2,3-Trimethylbenzene	U		0.00181	0.00574	1	12/11/2024 18:02	WG2416187
1,3,5-Trimethylbenzene	U		0.00230	0.00574	1	12/11/2024 18:02	WG2416187
Vinyl chloride	U		0.00133	0.00287	1	12/11/2024 18:02	WG2416187
Xylenes, Total	U		0.00101	0.00747	1	12/11/2024 18:02	WG2416187
(S) Toluene-d8	*106*			*75.0-131*		*12/11/2024 18:02*	WG2416187
(S) 4-Bromofluorobenzene	*94.2*			*67.0-138*		*12/11/2024 18:02*	WG2416187
(S) 1,2-Dichloroethane-d4	*90.2*			*70.0-130*		*12/11/2024 18:02*	WG2416187

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		143	429	100	12/08/2024 19:10	WG2414533
Residual Range Organics (RRO)	952	J	357	1070	100	12/08/2024 19:10	WG2414533
(S) o-Terphenyl	*55.6*	J7		*18.0-148*		*12/08/2024 19:10*	WG2414533

Sample Narrative:

L1806296-02 WG2414533: Cannot run at lower dilution due to viscosity of extract

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	U		0.253	0.729	20	12/07/2024 23:03	WG2414544
PCB 1221	U		0.253	0.729	20	12/07/2024 23:03	WG2414544
PCB 1232	U		0.253	0.729	20	12/07/2024 23:03	WG2414544
PCB 1242	U		0.253	0.729	20	12/07/2024 23:03	WG2414544
PCB 1248	U		0.159	0.365	20	12/07/2024 23:03	WG2414544
PCB 1254	U		0.159	0.365	20	12/07/2024 23:03	WG2414544

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1260	U		0.159	0.365	20	12/07/2024 23:03	WG2414544
(S) Decachlorobiphenyl	*89.4*	J7		*10.0-135*		*12/07/2024 23:03*	WG2414544
(S) Tetrachloro-m-xylene	*102*	J7		*10.0-139*		*12/07/2024 23:03*	WG2414544

Sample Narrative:

L1806296-02 WG2414544: Cannot run at lower dilution due to viscosity of extract

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0578	0.357	10	12/20/2024 03:41	WG2414550
Acenaphthylene	U		0.0503	0.357	10	12/20/2024 03:41	WG2414550
Anthracene	U		0.0636	0.357	10	12/20/2024 03:41	WG2414550
Benzidine	U		0.671	17.9	10	12/20/2024 03:41	WG2414550
Benzo(a)anthracene	U		0.0630	0.357	10	12/20/2024 03:41	WG2414550
Benzo(b)fluoranthene	U		0.0666	0.357	10	12/20/2024 03:41	WG2414550
Benzo(k)fluoranthene	U		0.0635	0.357	10	12/20/2024 03:41	WG2414550
Benzo(g,h,i)perylene	U		0.0653	0.357	10	12/20/2024 03:41	WG2414550
Benzo(a)pyrene	U		0.0664	0.357	10	12/20/2024 03:41	WG2414550
Bis(2-chlorethoxy)methane	U		0.107	3.57	10	12/20/2024 03:41	WG2414550
Bis(2-chloroethyl)ether	U		0.118	3.57	10	12/20/2024 03:41	WG2414550
2,2-Oxybis(1-Chloropropane)	U		0.154	3.57	10	12/20/2024 03:41	WG2414550
4-Bromophenyl-phenylether	U		0.125	3.57	10	12/20/2024 03:41	WG2414550
2-Chloronaphthalene	U		0.0627	0.357	10	12/20/2024 03:41	WG2414550
4-Chlorophenyl-phenylether	U		0.124	3.57	10	12/20/2024 03:41	WG2414550
Chrysene	U		0.0710	0.357	10	12/20/2024 03:41	WG2414550
Dibenz(a,h)anthracene	U		0.0990	0.357	10	12/20/2024 03:41	WG2414550
1,2-Dichlorobenzene	U		0.106	3.57	10	12/20/2024 03:41	WG2414550
1,3-Dichlorobenzene	U		0.108	3.57	10	12/20/2024 03:41	WG2414550
1,4-Dichlorobenzene	U		0.106	3.57	10	12/20/2024 03:41	WG2414550
3,3-Dichlorobenzidine	U		0.132	3.57	10	12/20/2024 03:41	WG2414550
2,4-Dinitrotoluene	U		0.102	3.57	10	12/20/2024 03:41	WG2414550
2,6-Dinitrotoluene	U		0.117	3.57	10	12/20/2024 03:41	WG2414550
Fluoranthene	U		0.0645	0.357	10	12/20/2024 03:41	WG2414550
Fluorene	U		0.0581	0.357	10	12/20/2024 03:41	WG2414550
Hexachlorobenzene	U		0.127	3.57	10	12/20/2024 03:41	WG2414550
Hexachloro-1,3-butadiene	U		0.120	3.57	10	12/20/2024 03:41	WG2414550
Hexachlorocyclopentadiene	U	C3	0.188	3.57	10	12/20/2024 03:41	WG2414550
Hexachloroethane	U		0.140	3.57	10	12/20/2024 03:41	WG2414550
Indeno(1,2,3-cd)pyrene	U		0.101	0.357	10	12/20/2024 03:41	WG2414550
Isophorone	U		0.109	3.57	10	12/20/2024 03:41	WG2414550
Naphthalene	U		0.0897	0.357	10	12/20/2024 03:41	WG2414550
Nitrobenzene	U		0.124	3.57	10	12/20/2024 03:41	WG2414550
n-Nitrosodimethylamine	U		0.530	3.57	10	12/20/2024 03:41	WG2414550
n-Nitrosodiphenylamine	U		0.270	3.57	10	12/20/2024 03:41	WG2414550
n-Nitrosodi-n-propylamine	U		0.119	3.57	10	12/20/2024 03:41	WG2414550
Phenanthrene	U		0.0709	0.357	10	12/20/2024 03:41	WG2414550
Benzylbutyl phthalate	U		0.112	3.57	10	12/20/2024 03:41	WG2414550
Bis(2-ethylhexyl)phthalate	U		0.453	3.57	10	12/20/2024 03:41	WG2414550
Di-n-butyl phthalate	U		0.122	3.57	10	12/20/2024 03:41	WG2414550
Diethyl phthalate	U		0.118	3.57	10	12/20/2024 03:41	WG2414550
Dimethyl phthalate	U		0.757	3.57	10	12/20/2024 03:41	WG2414550
Di-n-octyl phthalate	U		0.241	3.57	10	12/20/2024 03:41	WG2414550
Pyrene	U		0.0695	0.357	10	12/20/2024 03:41	WG2414550
1,2,4-Trichlorobenzene	U		0.112	3.57	10	12/20/2024 03:41	WG2414550
4-Chloro-3-methylphenol	U		0.116	3.57	10	12/20/2024 03:41	WG2414550

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Chlorophenol	U		0.118	3.57	10	12/20/2024 03:41	WG2414550
2,4-Dichlorophenol	U		0.104	3.57	10	12/20/2024 03:41	WG2414550
2,4-Dimethylphenol	U		0.0933	3.57	10	12/20/2024 03:41	WG2414550
4,6-Dinitro-2-methylphenol	U		0.810	3.57	10	12/20/2024 03:41	WG2414550
2,4-Dinitrophenol	U		0.835	3.57	10	12/20/2024 03:41	WG2414550
2-Nitrophenol	U		0.128	3.57	10	12/20/2024 03:41	WG2414550
4-Nitrophenol	U		0.112	3.57	10	12/20/2024 03:41	WG2414550
Pentachlorophenol	U		0.0961	3.57	10	12/20/2024 03:41	WG2414550
Phenol	U		0.144	3.57	10	12/20/2024 03:41	WG2414550
2,4,6-Trichlorophenol	U		0.115	3.57	10	12/20/2024 03:41	WG2414550
(S) 2-Fluorophenol	*82.2*			*12.0-120*		*12/20/2024 03:41*	WG2414550
(S) Phenol-d5	*72.5*			*10.0-120*		*12/20/2024 03:41*	WG2414550
(S) Nitrobenzene-d5	*88.8*			*10.0-122*		*12/20/2024 03:41*	WG2414550
(S) 2-Fluorobiphenyl	*76.1*			*15.0-120*		*12/20/2024 03:41*	WG2414550
(S) 2,4,6-Tribromophenol	*72.1*			*10.0-127*		*12/20/2024 03:41*	WG2414550
(S) p-Terphenyl-d14	*84.9*			*10.0-120*		*12/20/2024 03:41*	WG2414550

Sample Narrative:

L1806296-02 WG2414550: Dilution due to matrix impact during extract concentration procedure.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.0		1	12/07/2024 08:39	WG2414589

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0234	0.0454	1	12/12/2024 15:43	WG2414660

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Arsenic	3.58		0.589	2.27	1	12/11/2024 08:58	WG2414713
Barium	149		0.0968	0.568	1	12/11/2024 08:58	WG2414713
Cadmium	0.533	J	0.0535	0.568	1	12/11/2024 08:58	WG2414713
Chromium	12.8		0.151	1.14	1	12/11/2024 08:58	WG2414713
Lead	38.4		0.236	0.568	1	12/11/2024 08:58	WG2414713
Selenium	1.94	J	0.868	2.27	1	12/11/2024 08:58	WG2414713
Silver	U		0.144	1.14	1	12/11/2024 08:58	WG2414713

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U	J4	0.0473	0.0648	1	12/09/2024 01:52	WG2415245
Acrylonitrile	U	J4	0.00468	0.0162	1	12/09/2024 01:52	WG2415245
Benzene	U		0.000606	0.00130	1	12/09/2024 01:52	WG2415245
Bromobenzene	U		0.00117	0.0162	1	12/09/2024 01:52	WG2415245
Bromodichloromethane	U		0.000940	0.00324	1	12/09/2024 01:52	WG2415245
Bromoform	U		0.00152	0.0324	1	12/09/2024 01:52	WG2415245
Bromomethane	U		0.00255	0.0162	1	12/09/2024 01:52	WG2415245
n-Butylbenzene	U		0.00681	0.0162	1	12/09/2024 01:52	WG2415245
sec-Butylbenzene	U		0.00373	0.0162	1	12/09/2024 01:52	WG2415245
tert-Butylbenzene	U		0.00253	0.00648	1	12/09/2024 01:52	WG2415245
Carbon tetrachloride	U		0.00116	0.00648	1	12/09/2024 01:52	WG2415245
Chlorobenzene	U		0.000272	0.00324	1	12/09/2024 01:52	WG2415245
Chlorodibromomethane	U		0.000794	0.00324	1	12/09/2024 01:52	WG2415245
Chloroethane	U		0.00220	0.00648	1	12/09/2024 01:52	WG2415245
Chloroform	U		0.00134	0.00324	1	12/09/2024 01:52	WG2415245
Chloromethane	U		0.00564	0.0162	1	12/09/2024 01:52	WG2415245
2-Chlorotoluene	U		0.00112	0.00324	1	12/09/2024 01:52	WG2415245
4-Chlorotoluene	U		0.000584	0.00648	1	12/09/2024 01:52	WG2415245
1,2-Dibromo-3-Chloropropane	U		0.00506	0.0324	1	12/09/2024 01:52	WG2415245
1,2-Dibromoethane	U		0.000840	0.00324	1	12/09/2024 01:52	WG2415245
Dibromomethane	U		0.000973	0.00648	1	12/09/2024 01:52	WG2415245
1,2-Dichlorobenzene	U		0.000551	0.00648	1	12/09/2024 01:52	WG2415245
1,3-Dichlorobenzene	U		0.000778	0.00648	1	12/09/2024 01:52	WG2415245
1,4-Dichlorobenzene	U		0.000908	0.00648	1	12/09/2024 01:52	WG2415245
Dichlorodifluoromethane	U		0.00209	0.00648	1	12/09/2024 01:52	WG2415245
1,1-Dichloroethane	U		0.000637	0.00324	1	12/09/2024 01:52	WG2415245
1,2-Dichloroethane	U		0.000842	0.00324	1	12/09/2024 01:52	WG2415245
1,1-Dichloroethene	U		0.000786	0.00324	1	12/09/2024 01:52	WG2415245
cis-1,2-Dichloroethene	U		0.000952	0.00324	1	12/09/2024 01:52	WG2415245
trans-1,2-Dichloroethene	U		0.00135	0.00648	1	12/09/2024 01:52	WG2415245
1,2-Dichloropropane	U		0.00184	0.00648	1	12/09/2024 01:52	WG2415245
1,1-Dichloropropene	U		0.00105	0.00324	1	12/09/2024 01:52	WG2415245
1,3-Dichloropropane	U		0.000650	0.00648	1	12/09/2024 01:52	WG2415245

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
cis-1,3-Dichloropropene	U		0.000982	0.00324	1	12/09/2024 01:52	WG2415245
trans-1,3-Dichloropropene	U		0.00148	0.00648	1	12/09/2024 01:52	WG2415245
2,2-Dichloropropane	U	J4	0.00179	0.00324	1	12/09/2024 01:52	WG2415245
Di-isopropyl ether	U		0.000532	0.00130	1	12/09/2024 01:52	WG2415245
Ethylbenzene	U		0.000956	0.00324	1	12/09/2024 01:52	WG2415245
Hexachloro-1,3-butadiene	U		0.00778	0.0324	1	12/09/2024 01:52	WG2415245
Isopropylbenzene	U		0.000551	0.00324	1	12/09/2024 01:52	WG2415245
p-Isopropyltoluene	U		0.00331	0.00648	1	12/09/2024 01:52	WG2415245
2-Butanone (MEK)	U		0.0823	0.130	1	12/09/2024 01:52	WG2415245
Methylene Chloride	U		0.00861	0.0324	1	12/09/2024 01:52	WG2415245
4-Methyl-2-pentanone (MIBK)	U		0.00296	0.0324	1	12/09/2024 01:52	WG2415245
Methyl tert-butyl ether	U		0.000454	0.00130	1	12/09/2024 01:52	WG2415245
Naphthalene	U	C3	0.00633	0.0162	1	12/09/2024 01:52	WG2415245
n-Propylbenzene	U		0.00123	0.00648	1	12/09/2024 01:52	WG2415245
Styrene	U		0.000297	0.0162	1	12/09/2024 01:52	WG2415245
1,1,1,2-Tetrachloroethane	U		0.00123	0.00324	1	12/09/2024 01:52	WG2415245
1,1,2,2-Tetrachloroethane	U		0.000901	0.00324	1	12/09/2024 01:52	WG2415245
1,1,2-Trichlorotrifluoroethane	U		0.000978	0.00324	1	12/09/2024 01:52	WG2415245
Tetrachloroethene	U		0.00116	0.00324	1	12/09/2024 01:52	WG2415245
Toluene	U		0.00169	0.00648	1	12/09/2024 01:52	WG2415245
1,2,3-Trichlorobenzene	U	C3	0.00950	0.0162	1	12/09/2024 01:52	WG2415245
1,2,4-Trichlorobenzene	U		0.00571	0.0162	1	12/09/2024 01:52	WG2415245
1,1,1-Trichloroethane	U		0.00120	0.00324	1	12/09/2024 01:52	WG2415245
1,1,2-Trichloroethane	U		0.000774	0.00324	1	12/09/2024 01:52	WG2415245
Trichloroethene	U		0.000757	0.00130	1	12/09/2024 01:52	WG2415245
Trichlorofluoromethane	U		0.00107	0.00324	1	12/09/2024 01:52	WG2415245
1,2,3-Trichloropropane	U		0.00210	0.0162	1	12/09/2024 01:52	WG2415245
1,2,4-Trimethylbenzene	U		0.00205	0.00648	1	12/09/2024 01:52	WG2415245
1,2,3-Trimethylbenzene	U		0.00205	0.00648	1	12/09/2024 01:52	WG2415245
1,3,5-Trimethylbenzene	U		0.00259	0.00648	1	12/09/2024 01:52	WG2415245
Vinyl chloride	U	J4	0.00150	0.00324	1	12/09/2024 01:52	WG2415245
Xylenes, Total	U		0.00114	0.00843	1	12/09/2024 01:52	WG2415245
(S) Toluene-d8	*102*			*75.0-131*		*12/09/2024 01:52*	WG2415245
(S) 4-Bromofluorobenzene	*96.9*			*67.0-138*		*12/09/2024 01:52*	WG2415245
(S) 1,2-Dichloroethane-d4	*90.1*			*70.0-130*		*12/09/2024 01:52*	WG2415245

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	733		75.6	227	50	12/08/2024 18:58	WG2414533
Residual Range Organics (RRO)	4150		189	568	50	12/08/2024 18:58	WG2414533
(S) o-Terphenyl	*59.0*	J7		*18.0-148*		*12/08/2024 18:58*	WG2414533

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	U		0.134	0.386	10	12/07/2024 22:52	WG2414544
PCB 1221	U		0.134	0.386	10	12/07/2024 22:52	WG2414544
PCB 1232	U		0.134	0.386	10	12/07/2024 22:52	WG2414544
PCB 1242	U		0.134	0.386	10	12/07/2024 22:52	WG2414544
PCB 1248	U		0.0838	0.193	10	12/07/2024 22:52	WG2414544
PCB 1254	U		0.0838	0.193	10	12/07/2024 22:52	WG2414544
PCB 1260	U		0.0838	0.193	10	12/07/2024 22:52	WG2414544
(S) Decachlorobiphenyl	*71.2*			*10.0-135*		*12/07/2024 22:52*	WG2414544
(S) Tetrachloro-m-xylene	*90.9*			*10.0-139*		*12/07/2024 22:52*	WG2414544

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch

Sample Narrative:

L1806296-03 WG2414544: Cannot run at lower dilution due to viscosity of extract

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0612	0.378	10	12/09/2024 23:21	WG2414550
Acenaphthylene	U		0.0533	0.378	10	12/09/2024 23:21	WG2414550
Anthracene	U		0.0674	0.378	10	12/09/2024 23:21	WG2414550
Benzidine	U	C6	0.711	19.0	10	12/09/2024 23:21	WG2414550
Benzo(a)anthracene	U		0.0667	0.378	10	12/09/2024 23:21	WG2414550
Benzo(b)fluoranthene	U		0.0706	0.378	10	12/09/2024 23:21	WG2414550
Benzo(k)fluoranthene	U		0.0673	0.378	10	12/09/2024 23:21	WG2414550
Benzo(g,h,i)perylene	U		0.0692	0.378	10	12/09/2024 23:21	WG2414550
Benzo(a)pyrene	U		0.0703	0.378	10	12/09/2024 23:21	WG2414550
Bis(2-chlorethoxy)methane	U		0.114	3.78	10	12/09/2024 23:21	WG2414550
Bis(2-chloroethyl)ether	U		0.125	3.78	10	12/09/2024 23:21	WG2414550
2,2-Oxybis(1-Chloropropane)	U		0.164	3.78	10	12/09/2024 23:21	WG2414550
4-Bromophenyl-phenylether	U		0.133	3.78	10	12/09/2024 23:21	WG2414550
2-Chloronaphthalene	U		0.0665	0.378	10	12/09/2024 23:21	WG2414550
4-Chlorophenyl-phenylether	U		0.132	3.78	10	12/09/2024 23:21	WG2414550
Chrysene	U		0.0752	0.378	10	12/09/2024 23:21	WG2414550
Dibenz(a,h)anthracene	U		0.105	0.378	10	12/09/2024 23:21	WG2414550
1,2-Dichlorobenzene	U		0.112	3.78	10	12/09/2024 23:21	WG2414550
1,3-Dichlorobenzene	U		0.115	3.78	10	12/09/2024 23:21	WG2414550
1,4-Dichlorobenzene	U		0.113	3.78	10	12/09/2024 23:21	WG2414550
3,3-Dichlorobenzidine	U		0.140	3.78	10	12/09/2024 23:21	WG2414550
2,4-Dinitrotoluene	U		0.109	3.78	10	12/09/2024 23:21	WG2414550
2,6-Dinitrotoluene	U		0.124	3.78	10	12/09/2024 23:21	WG2414550
Fluoranthene	U		0.0683	0.378	10	12/09/2024 23:21	WG2414550
Fluorene	U		0.0616	0.378	10	12/09/2024 23:21	WG2414550
Hexachlorobenzene	U		0.134	3.78	10	12/09/2024 23:21	WG2414550
Hexachloro-1,3-butadiene	U		0.127	3.78	10	12/09/2024 23:21	WG2414550
Hexachlorocyclopentadiene	U		0.199	3.78	10	12/09/2024 23:21	WG2414550
Hexachloroethane	U		0.149	3.78	10	12/09/2024 23:21	WG2414550
Indeno(1,2,3-cd)pyrene	U		0.107	0.378	10	12/09/2024 23:21	WG2414550
Isophorone	U		0.116	3.78	10	12/09/2024 23:21	WG2414550
Naphthalene	U		0.0950	0.378	10	12/09/2024 23:21	WG2414550
Nitrobenzene	U		0.132	3.78	10	12/09/2024 23:21	WG2414550
n-Nitrosodimethylamine	U		0.561	3.78	10	12/09/2024 23:21	WG2414550
n-Nitrosodiphenylamine	U		0.286	3.78	10	12/09/2024 23:21	WG2414550
n-Nitrosodi-n-propylamine	U		0.126	3.78	10	12/09/2024 23:21	WG2414550
Phenanthrene	U		0.0751	0.378	10	12/09/2024 23:21	WG2414550
Benzylbutyl phthalate	U		0.118	3.78	10	12/09/2024 23:21	WG2414550
Bis(2-ethylhexyl)phthalate	U		0.479	3.78	10	12/09/2024 23:21	WG2414550
Di-n-butyl phthalate	U		0.130	3.78	10	12/09/2024 23:21	WG2414550
Diethyl phthalate	U		0.125	3.78	10	12/09/2024 23:21	WG2414550
Dimethyl phthalate	U		0.802	3.78	10	12/09/2024 23:21	WG2414550
Di-n-octyl phthalate	U		0.256	3.78	10	12/09/2024 23:21	WG2414550
Pyrene	U		0.0736	0.378	10	12/09/2024 23:21	WG2414550
1,2,4-Trichlorobenzene	U		0.118	3.78	10	12/09/2024 23:21	WG2414550
4-Chloro-3-methylphenol	U		0.123	3.78	10	12/09/2024 23:21	WG2414550
2-Chlorophenol	U		0.125	3.78	10	12/09/2024 23:21	WG2414550
2,4-Dichlorophenol	U		0.110	3.78	10	12/09/2024 23:21	WG2414550
2,4-Dimethylphenol	U		0.0988	3.78	10	12/09/2024 23:21	WG2414550

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4,6-Dinitro-2-methylphenol	U		0.858	3.78	10	12/09/2024 23:21	WG2414550
2,4-Dinitrophenol	U		0.885	3.78	10	12/09/2024 23:21	WG2414550
2-Nitrophenol	U		0.135	3.78	10	12/09/2024 23:21	WG2414550
4-Nitrophenol	U		0.118	3.78	10	12/09/2024 23:21	WG2414550
Pentachlorophenol	U		0.102	3.78	10	12/09/2024 23:21	WG2414550
Phenol	U		0.152	3.78	10	12/09/2024 23:21	WG2414550
2,4,6-Trichlorophenol	U		0.122	3.78	10	12/09/2024 23:21	WG2414550
(S) 2-Fluorophenol	*54.5*			*12.0-120*		*12/09/2024 23:21*	WG2414550
(S) Phenol-d5	*51.6*			*10.0-120*		*12/09/2024 23:21*	WG2414550
(S) Nitrobenzene-d5	*42.7*			*10.0-122*		*12/09/2024 23:21*	WG2414550
(S) 2-Fluorobiphenyl	*45.2*			*15.0-120*		*12/09/2024 23:21*	WG2414550
(S) 2,4,6-Tribromophenol	*50.0*			*10.0-127*		*12/09/2024 23:21*	WG2414550
(S) p-Terphenyl-d14	*59.2*			*10.0-120*		*12/09/2024 23:21*	WG2414550

Sample Narrative:

L1806296-03 WG2414550: Dilution due to matrix.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.5		1	12/07/2024 08:39	WG2414589

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0230	0.0447	1	12/12/2024 15:49	WG2414660

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Arsenic	3.25		0.578	2.23	1	12/11/2024 09:00	WG2414713
Barium	118		0.0951	0.558	1	12/11/2024 09:00	WG2414713
Cadmium	0.190	J	0.0526	0.558	1	12/11/2024 09:00	WG2414713
Chromium	14.4		0.149	1.12	1	12/11/2024 09:00	WG2414713
Lead	18.8		0.232	0.558	1	12/11/2024 09:00	WG2414713
Selenium	0.926	J	0.853	2.23	1	12/11/2024 09:00	WG2414713
Silver	0.214	J	0.142	1.12	1	12/11/2024 09:00	WG2414713

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U	J4	0.0457	0.0627	1	12/09/2024 02:11	WG2415245
Acrylonitrile	U	J4	0.00452	0.0157	1	12/09/2024 02:11	WG2415245
Benzene	U		0.000585	0.00125	1	12/09/2024 02:11	WG2415245
Bromobenzene	U		0.00113	0.0157	1	12/09/2024 02:11	WG2415245
Bromodichloromethane	U		0.000909	0.00313	1	12/09/2024 02:11	WG2415245
Bromoform	U		0.00147	0.0313	1	12/09/2024 02:11	WG2415245
Bromomethane	U		0.00247	0.0157	1	12/09/2024 02:11	WG2415245
n-Butylbenzene	U		0.00658	0.0157	1	12/09/2024 02:11	WG2415245
sec-Butylbenzene	U		0.00361	0.0157	1	12/09/2024 02:11	WG2415245
tert-Butylbenzene	U		0.00244	0.00627	1	12/09/2024 02:11	WG2415245
Carbon tetrachloride	U		0.00113	0.00627	1	12/09/2024 02:11	WG2415245
Chlorobenzene	U		0.000263	0.00313	1	12/09/2024 02:11	WG2415245
Chlorodibromomethane	U		0.000767	0.00313	1	12/09/2024 02:11	WG2415245
Chloroethane	U		0.00213	0.00627	1	12/09/2024 02:11	WG2415245
Chloroform	U		0.00129	0.00313	1	12/09/2024 02:11	WG2415245
Chloromethane	U		0.00545	0.0157	1	12/09/2024 02:11	WG2415245
2-Chlorotoluene	U		0.00108	0.00313	1	12/09/2024 02:11	WG2415245
4-Chlorotoluene	U		0.000564	0.00627	1	12/09/2024 02:11	WG2415245
1,2-Dibromo-3-Chloropropane	U		0.00489	0.0313	1	12/09/2024 02:11	WG2415245
1,2-Dibromoethane	U		0.000812	0.00313	1	12/09/2024 02:11	WG2415245
Dibromomethane	U		0.000940	0.00627	1	12/09/2024 02:11	WG2415245
1,2-Dichlorobenzene	U		0.000533	0.00627	1	12/09/2024 02:11	WG2415245
1,3-Dichlorobenzene	U		0.000752	0.00627	1	12/09/2024 02:11	WG2415245
1,4-Dichlorobenzene	U		0.000877	0.00627	1	12/09/2024 02:11	WG2415245
Dichlorodifluoromethane	U		0.00202	0.00627	1	12/09/2024 02:11	WG2415245
1,1-Dichloroethane	U		0.000615	0.00313	1	12/09/2024 02:11	WG2415245
1,2-Dichloroethane	U		0.000813	0.00313	1	12/09/2024 02:11	WG2415245
1,1-Dichloroethene	U		0.000759	0.00313	1	12/09/2024 02:11	WG2415245
cis-1,2-Dichloroethene	U		0.000920	0.00313	1	12/09/2024 02:11	WG2415245
trans-1,2-Dichloroethene	U		0.00130	0.00627	1	12/09/2024 02:11	WG2415245
1,2-Dichloropropane	U		0.00178	0.00627	1	12/09/2024 02:11	WG2415245
1,1-Dichloropropene	U		0.00101	0.00313	1	12/09/2024 02:11	WG2415245
1,3-Dichloropropane	U		0.000628	0.00627	1	12/09/2024 02:11	WG2415245

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
cis-1,3-Dichloropropene	U		0.000949	0.00313	1	12/09/2024 02:11	WG2415245
trans-1,3-Dichloropropene	U		0.00143	0.00627	1	12/09/2024 02:11	WG2415245
2,2-Dichloropropane	U	J4	0.00173	0.00313	1	12/09/2024 02:11	WG2415245
Di-isopropyl ether	U		0.000514	0.00125	1	12/09/2024 02:11	WG2415245
Ethylbenzene	U		0.000924	0.00313	1	12/09/2024 02:11	WG2415245
Hexachloro-1,3-butadiene	U		0.00752	0.0313	1	12/09/2024 02:11	WG2415245
Isopropylbenzene	U		0.000533	0.00313	1	12/09/2024 02:11	WG2415245
p-Isopropyltoluene	U		0.00320	0.00627	1	12/09/2024 02:11	WG2415245
2-Butanone (MEK)	U		0.0796	0.125	1	12/09/2024 02:11	WG2415245
Methylene Chloride	U		0.00832	0.0313	1	12/09/2024 02:11	WG2415245
4-Methyl-2-pentanone (MIBK)	U		0.00286	0.0313	1	12/09/2024 02:11	WG2415245
Methyl tert-butyl ether	U		0.000439	0.00125	1	12/09/2024 02:11	WG2415245
Naphthalene	U	C3	0.00612	0.0157	1	12/09/2024 02:11	WG2415245
n-Propylbenzene	U		0.00119	0.00627	1	12/09/2024 02:11	WG2415245
Styrene	U		0.000287	0.0157	1	12/09/2024 02:11	WG2415245
1,1,1,2-Tetrachloroethane	U		0.00119	0.00313	1	12/09/2024 02:11	WG2415245
1,1,2,2-Tetrachloroethane	U		0.000871	0.00313	1	12/09/2024 02:11	WG2415245
1,1,2-Trichlorotrifluoroethane	U		0.000945	0.00313	1	12/09/2024 02:11	WG2415245
Tetrachloroethene	U		0.00112	0.00313	1	12/09/2024 02:11	WG2415245
Toluene	U		0.00163	0.00627	1	12/09/2024 02:11	WG2415245
1,2,3-Trichlorobenzene	U	C3	0.00919	0.0157	1	12/09/2024 02:11	WG2415245
1,2,4-Trichlorobenzene	U		0.00551	0.0157	1	12/09/2024 02:11	WG2415245
1,1,1-Trichloroethane	U		0.00116	0.00313	1	12/09/2024 02:11	WG2415245
1,1,2-Trichloroethane	U		0.000748	0.00313	1	12/09/2024 02:11	WG2415245
Trichloroethene	U		0.000732	0.00125	1	12/09/2024 02:11	WG2415245
Trichlorofluoromethane	U		0.00104	0.00313	1	12/09/2024 02:11	WG2415245
1,2,3-Trichloropropane	U		0.00203	0.0157	1	12/09/2024 02:11	WG2415245
1,2,4-Trimethylbenzene	U		0.00198	0.00627	1	12/09/2024 02:11	WG2415245
1,2,3-Trimethylbenzene	U		0.00198	0.00627	1	12/09/2024 02:11	WG2415245
1,3,5-Trimethylbenzene	U		0.00251	0.00627	1	12/09/2024 02:11	WG2415245
Vinyl chloride	U	J4	0.00145	0.00313	1	12/09/2024 02:11	WG2415245
Xylenes, Total	U		0.00110	0.00815	1	12/09/2024 02:11	WG2415245
(S) Toluene-d8	*101*			*75.0-131*		*12/09/2024 02:11*	WG2415245
(S) 4-Bromofluorobenzene	*99.1*			*67.0-138*		*12/09/2024 02:11*	WG2415245
(S) 1,2-Dichloroethane-d4	*87.6*			*70.0-130*		*12/09/2024 02:11*	WG2415245

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	237	J3 V	74.3	223	50	12/10/2024 11:57	WG2414533
Residual Range Organics (RRO)	2000		185	558	50	12/10/2024 11:57	WG2414533
(S) o-Terphenyl	*74.1*	J7		*18.0-148*		*12/10/2024 11:57*	WG2414533

Sample Narrative:

L1806296-04 WG2414533: Sample resembles laboratory standard for Hydraulic Oil.

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	U		0.132	0.380	10	12/07/2024 22:12	WG2414544
PCB 1221	U		0.132	0.380	10	12/07/2024 22:12	WG2414544
PCB 1232	U		0.132	0.380	10	12/07/2024 22:12	WG2414544
PCB 1242	U		0.132	0.380	10	12/07/2024 22:12	WG2414544
PCB 1248	U		0.0824	0.190	10	12/07/2024 22:12	WG2414544
PCB 1254	U		0.0824	0.190	10	12/07/2024 22:12	WG2414544

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1260	U		0.0824	0.190	10	12/07/2024 22:12	WG2414544
(S) Decachlorobiphenyl	*56.7*			*10.0-135*		*12/07/2024 22:12*	WG2414544
(S) Tetrachloro-m-xylene	*69.0*			*10.0-139*		*12/07/2024 22:12*	WG2414544

Sample Narrative:

L1806296-04 WG2414544: Cannot run at lower dilution due to viscosity of extract

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0121	0.0744	2	12/20/2024 04:30	WG2414550
Acenaphthylene	U		0.0105	0.0744	2	12/20/2024 04:30	WG2414550
Anthracene	U		0.0133	0.0744	2	12/20/2024 04:30	WG2414550
Benzidine	U		0.140	3.73	2	12/20/2024 04:30	WG2414550
Benzo(a)anthracene	U		0.0131	0.0744	2	12/20/2024 04:30	WG2414550
Benzo(b)fluoranthene	U		0.0138	0.0744	2	12/20/2024 04:30	WG2414550
Benzo(k)fluoranthene	U		0.0132	0.0744	2	12/20/2024 04:30	WG2414550
Benzo(g,h,i)perylene	U		0.0136	0.0744	2	12/20/2024 04:30	WG2414550
Benzo(a)pyrene	U		0.0138	0.0744	2	12/20/2024 04:30	WG2414550
Bis(2-chlorethoxy)methane	U		0.0223	0.744	2	12/20/2024 04:30	WG2414550
Bis(2-chloroethyl)ether	U		0.0246	0.744	2	12/20/2024 04:30	WG2414550
2,2-Oxybis(1-Chloropropane)	U		0.0322	0.744	2	12/20/2024 04:30	WG2414550
4-Bromophenyl-phenylether	U		0.0261	0.744	2	12/20/2024 04:30	WG2414550
2-Chloronaphthalene	U		0.0131	0.0744	2	12/20/2024 04:30	WG2414550
4-Chlorophenyl-phenylether	U		0.0259	0.744	2	12/20/2024 04:30	WG2414550
Chrysene	U		0.0147	0.0744	2	12/20/2024 04:30	WG2414550
Dibenz(a,h)anthracene	U		0.0207	0.0744	2	12/20/2024 04:30	WG2414550
1,2-Dichlorobenzene	U		0.0220	0.744	2	12/20/2024 04:30	WG2414550
1,3-Dichlorobenzene	U		0.0226	0.744	2	12/20/2024 04:30	WG2414550
1,4-Dichlorobenzene	U		0.0221	0.744	2	12/20/2024 04:30	WG2414550
3,3-Dichlorobenzidine	U		0.0275	0.744	2	12/20/2024 04:30	WG2414550
2,4-Dinitrotoluene	U		0.0213	0.744	2	12/20/2024 04:30	WG2414550
2,6-Dinitrotoluene	U		0.0243	0.744	2	12/20/2024 04:30	WG2414550
Fluoranthene	U		0.0134	0.0744	2	12/20/2024 04:30	WG2414550
Fluorene	U		0.0121	0.0744	2	12/20/2024 04:30	WG2414550
Hexachlorobenzene	U		0.0264	0.744	2	12/20/2024 04:30	WG2414550
Hexachloro-1,3-butadiene	U		0.0250	0.744	2	12/20/2024 04:30	WG2414550
Hexachlorocyclopentadiene	U	C3	0.0391	0.744	2	12/20/2024 04:30	WG2414550
Hexachloroethane	U		0.0293	0.744	2	12/20/2024 04:30	WG2414550
Indeno(1,2,3-cd)pyrene	U		0.0210	0.0744	2	12/20/2024 04:30	WG2414550
Isophorone	U		0.0228	0.744	2	12/20/2024 04:30	WG2414550
Naphthalene	U		0.0186	0.0744	2	12/20/2024 04:30	WG2414550
Nitrobenzene	U		0.0259	0.744	2	12/20/2024 04:30	WG2414550
n-Nitrosodimethylamine	U		0.110	0.744	2	12/20/2024 04:30	WG2414550
n-Nitrosodiphenylamine	U		0.0563	0.744	2	12/20/2024 04:30	WG2414550
n-Nitrosodi-n-propylamine	U		0.0248	0.744	2	12/20/2024 04:30	WG2414550
Phenanthrene	U		0.0147	0.0744	2	12/20/2024 04:30	WG2414550
Benzylbutyl phthalate	U		0.0232	0.744	2	12/20/2024 04:30	WG2414550
Bis(2-ethylhexyl)phthalate	U		0.0943	0.744	2	12/20/2024 04:30	WG2414550
Di-n-butyl phthalate	U		0.0255	0.744	2	12/20/2024 04:30	WG2414550
Diethyl phthalate	U		0.0246	0.744	2	12/20/2024 04:30	WG2414550
Dimethyl phthalate	U		0.157	0.744	2	12/20/2024 04:30	WG2414550
Di-n-octyl phthalate	U		0.0503	0.744	2	12/20/2024 04:30	WG2414550
Pyrene	U		0.0145	0.0744	2	12/20/2024 04:30	WG2414550
1,2,4-Trichlorobenzene	U		0.0232	0.744	2	12/20/2024 04:30	WG2414550
4-Chloro-3-methylphenol	U		0.0241	0.744	2	12/20/2024 04:30	WG2414550

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Chlorophenol	U		0.0246	0.744	2	12/20/2024 04:30	WG2414550
2,4-Dichlorophenol	U		0.0217	0.744	2	12/20/2024 04:30	WG2414550
2,4-Dimethylphenol	U		0.0194	0.744	2	12/20/2024 04:30	WG2414550
4,6-Dinitro-2-methylphenol	U		0.169	0.744	2	12/20/2024 04:30	WG2414550
2,4-Dinitrophenol	U		0.174	0.744	2	12/20/2024 04:30	WG2414550
2-Nitrophenol	U		0.0266	0.744	2	12/20/2024 04:30	WG2414550
4-Nitrophenol	U		0.0232	0.744	2	12/20/2024 04:30	WG2414550
Pentachlorophenol	U		0.0200	0.744	2	12/20/2024 04:30	WG2414550
Phenol	U		0.0299	0.744	2	12/20/2024 04:30	WG2414550
2,4,6-Trichlorophenol	U		0.0239	0.744	2	12/20/2024 04:30	WG2414550
(S) 2-Fluorophenol	*35.2*			*12.0-120*		*12/20/2024 04:30*	WG2414550
(S) Phenol-d5	*35.5*			*10.0-120*		*12/20/2024 04:30*	WG2414550
(S) Nitrobenzene-d5	*36.0*			*10.0-122*		*12/20/2024 04:30*	WG2414550
(S) 2-Fluorobiphenyl	*34.1*			*15.0-120*		*12/20/2024 04:30*	WG2414550
(S) 2,4,6-Tribromophenol	*35.6*			*10.0-127*		*12/20/2024 04:30*	WG2414550
(S) p-Terphenyl-d14	*40.5*			*10.0-120*		*12/20/2024 04:30*	WG2414550

Sample Narrative:

L1806296-04 WG2414550: Dilution due to matrix impact during extract concentration procedure.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.5		1	12/07/2024 08:39	WG2414589

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0238	0.0463	1	12/12/2024 15:51	WG2414660

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Arsenic	5.39		0.599	2.31	1	12/11/2024 09:01	WG2414713
Barium	139		0.0985	0.578	1	12/11/2024 09:01	WG2414713
Cadmium	1.24		0.0545	0.578	1	12/11/2024 09:01	WG2414713
Chromium	18.9		0.154	1.16	1	12/11/2024 09:01	WG2414713
Lead	37.3		0.241	0.578	1	12/11/2024 09:01	WG2414713
Selenium	U		0.884	2.31	1	12/11/2024 09:01	WG2414713
Silver	0.209	J	0.147	1.16	1	12/11/2024 09:01	WG2414713

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.0551	J J4	0.0493	0.0675	1	12/09/2024 02:30	WG2415245
Acrylonitrile	U	J4	0.00487	0.0169	1	12/09/2024 02:30	WG2415245
Benzene	U		0.000631	0.00135	1	12/09/2024 02:30	WG2415245
Bromobenzene	U		0.00122	0.0169	1	12/09/2024 02:30	WG2415245
Bromodichloromethane	U		0.000979	0.00338	1	12/09/2024 02:30	WG2415245
Bromoform	U		0.00158	0.0338	1	12/09/2024 02:30	WG2415245
Bromomethane	U		0.00266	0.0169	1	12/09/2024 02:30	WG2415245
n-Butylbenzene	U		0.00709	0.0169	1	12/09/2024 02:30	WG2415245
sec-Butylbenzene	U		0.00389	0.0169	1	12/09/2024 02:30	WG2415245
tert-Butylbenzene	U		0.00263	0.00675	1	12/09/2024 02:30	WG2415245
Carbon tetrachloride	U		0.00121	0.00675	1	12/09/2024 02:30	WG2415245
Chlorobenzene	U		0.000284	0.00338	1	12/09/2024 02:30	WG2415245
Chlorodibromomethane	U		0.000826	0.00338	1	12/09/2024 02:30	WG2415245
Chloroethane	U		0.00230	0.00675	1	12/09/2024 02:30	WG2415245
Chloroform	U		0.00139	0.00338	1	12/09/2024 02:30	WG2415245
Chloromethane	U		0.00587	0.0169	1	12/09/2024 02:30	WG2415245
2-Chlorotoluene	U		0.00117	0.00338	1	12/09/2024 02:30	WG2415245
4-Chlorotoluene	U		0.000608	0.00675	1	12/09/2024 02:30	WG2415245
1,2-Dibromo-3-Chloropropane	U		0.00527	0.0338	1	12/09/2024 02:30	WG2415245
1,2-Dibromoethane	U		0.000875	0.00338	1	12/09/2024 02:30	WG2415245
Dibromomethane	U		0.00101	0.00675	1	12/09/2024 02:30	WG2415245
1,2-Dichlorobenzene	U		0.000574	0.00675	1	12/09/2024 02:30	WG2415245
1,3-Dichlorobenzene	U		0.000810	0.00675	1	12/09/2024 02:30	WG2415245
1,4-Dichlorobenzene	U		0.000945	0.00675	1	12/09/2024 02:30	WG2415245
Dichlorodifluoromethane	U		0.00217	0.00675	1	12/09/2024 02:30	WG2415245
1,1-Dichloroethane	U		0.000663	0.00338	1	12/09/2024 02:30	WG2415245
1,2-Dichloroethane	U		0.000876	0.00338	1	12/09/2024 02:30	WG2415245
1,1-Dichloroethene	U		0.000818	0.00338	1	12/09/2024 02:30	WG2415245
cis-1,2-Dichloroethene	U		0.000991	0.00338	1	12/09/2024 02:30	WG2415245
trans-1,2-Dichloroethene	U		0.00140	0.00675	1	12/09/2024 02:30	WG2415245
1,2-Dichloropropane	U		0.00192	0.00675	1	12/09/2024 02:30	WG2415245
1,1-Dichloropropene	U		0.00109	0.00338	1	12/09/2024 02:30	WG2415245
1,3-Dichloropropane	U		0.000676	0.00675	1	12/09/2024 02:30	WG2415245

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
cis-1,3-Dichloropropene	U		0.00102	0.00338	1	12/09/2024 02:30	WG2415245
trans-1,3-Dichloropropene	U		0.00154	0.00675	1	12/09/2024 02:30	WG2415245
2,2-Dichloropropane	U	J4	0.00186	0.00338	1	12/09/2024 02:30	WG2415245
Di-isopropyl ether	U		0.000554	0.00135	1	12/09/2024 02:30	WG2415245
Ethylbenzene	U		0.000995	0.00338	1	12/09/2024 02:30	WG2415245
Hexachloro-1,3-butadiene	U		0.00810	0.0338	1	12/09/2024 02:30	WG2415245
Isopropylbenzene	U		0.000574	0.00338	1	12/09/2024 02:30	WG2415245
p-Isopropyltoluene	U		0.00344	0.00675	1	12/09/2024 02:30	WG2415245
2-Butanone (MEK)	U		0.0857	0.135	1	12/09/2024 02:30	WG2415245
Methylene Chloride	U		0.00897	0.0338	1	12/09/2024 02:30	WG2415245
4-Methyl-2-pentanone (MIBK)	U		0.00308	0.0338	1	12/09/2024 02:30	WG2415245
Methyl tert-butyl ether	U		0.000473	0.00135	1	12/09/2024 02:30	WG2415245
Naphthalene	U	C3	0.00659	0.0169	1	12/09/2024 02:30	WG2415245
n-Propylbenzene	U		0.00128	0.00675	1	12/09/2024 02:30	WG2415245
Styrene	U		0.000309	0.0169	1	12/09/2024 02:30	WG2415245
1,1,1,2-Tetrachloroethane	U		0.00128	0.00338	1	12/09/2024 02:30	WG2415245
1,1,2,2-Tetrachloroethane	U		0.000938	0.00338	1	12/09/2024 02:30	WG2415245
1,1,2-Trichlorotrifluoroethane	U		0.00102	0.00338	1	12/09/2024 02:30	WG2415245
Tetrachloroethene	U		0.00121	0.00338	1	12/09/2024 02:30	WG2415245
Toluene	U		0.00176	0.00675	1	12/09/2024 02:30	WG2415245
1,2,3-Trichlorobenzene	U	C3	0.00990	0.0169	1	12/09/2024 02:30	WG2415245
1,2,4-Trichlorobenzene	U		0.00594	0.0169	1	12/09/2024 02:30	WG2415245
1,1,1-Trichloroethane	U		0.00125	0.00338	1	12/09/2024 02:30	WG2415245
1,1,2-Trichloroethane	U		0.000806	0.00338	1	12/09/2024 02:30	WG2415245
Trichloroethene	U		0.000789	0.00135	1	12/09/2024 02:30	WG2415245
Trichlorofluoromethane	U		0.00112	0.00338	1	12/09/2024 02:30	WG2415245
1,2,3-Trichloropropane	U		0.00219	0.0169	1	12/09/2024 02:30	WG2415245
1,2,4-Trimethylbenzene	U		0.00213	0.00675	1	12/09/2024 02:30	WG2415245
1,2,3-Trimethylbenzene	U		0.00213	0.00675	1	12/09/2024 02:30	WG2415245
1,3,5-Trimethylbenzene	U		0.00270	0.00675	1	12/09/2024 02:30	WG2415245
Vinyl chloride	U	J4	0.00157	0.00338	1	12/09/2024 02:30	WG2415245
Xylenes, Total	U		0.00119	0.00878	1	12/09/2024 02:30	WG2415245
(S) Toluene-d8	*101*			*75.0-131*		*12/09/2024 02:30*	WG2415245
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*12/09/2024 02:30*	WG2415245
(S) 1,2-Dichloroethane-d4	*92.0*			*70.0-130*		*12/09/2024 02:30*	WG2415245

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		154	463	100	12/08/2024 19:22	WG2414533
Residual Range Organics (RRO)	996	J	385	1160	100	12/08/2024 19:22	WG2414533
(S) o-Terphenyl	*60.1*	J7		*18.0-148*		*12/08/2024 19:22*	WG2414533

Sample Narrative:

L1806296-05 WG2414533: Cannot run at lower dilution due to viscosity of extract

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	U		0.136	0.393	10	12/07/2024 22:22	WG2414544
PCB 1221	U		0.136	0.393	10	12/07/2024 22:22	WG2414544
PCB 1232	U		0.136	0.393	10	12/07/2024 22:22	WG2414544
PCB 1242	U		0.136	0.393	10	12/07/2024 22:22	WG2414544
PCB 1248	U		0.0854	0.197	10	12/07/2024 22:22	WG2414544
PCB 1254	U		0.0854	0.197	10	12/07/2024 22:22	WG2414544

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
PCB 1260	U		0.0854	0.197	10	12/07/2024 22:22	WG2414544
(S) Decachlorobiphenyl	*168*	J1		*10.0-135*		*12/07/2024 22:22*	WG2414544
(S) Tetrachloro-m-xylene	*96.1*			*10.0-139*		*12/07/2024 22:22*	WG2414544

Sample Narrative:

L1806296-05 WG2414544: Cannot run at lower dilution due to viscosity of extract

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0125	0.0770	2	12/20/2024 04:05	WG2414550
Acenaphthylene	U		0.0108	0.0770	2	12/20/2024 04:05	WG2414550
Anthracene	U		0.0138	0.0770	2	12/20/2024 04:05	WG2414550
Benzidine	U		0.145	3.86	2	12/20/2024 04:05	WG2414550
Benzo(a)anthracene	0.0146	J	0.0135	0.0770	2	12/20/2024 04:05	WG2414550
Benzo(b)fluoranthene	0.0302	J	0.0143	0.0770	2	12/20/2024 04:05	WG2414550
Benzo(k)fluoranthene	U		0.0136	0.0770	2	12/20/2024 04:05	WG2414550
Benzo(g,h,i)perylene	U		0.0141	0.0770	2	12/20/2024 04:05	WG2414550
Benzo(a)pyrene	0.0158	J	0.0143	0.0770	2	12/20/2024 04:05	WG2414550
Bis(2-chlorethoxy)methane	U		0.0231	0.770	2	12/20/2024 04:05	WG2414550
Bis(2-chloroethyl)ether	U		0.0254	0.770	2	12/20/2024 04:05	WG2414550
2,2-Oxybis(1-Chloropropane)	U		0.0333	0.770	2	12/20/2024 04:05	WG2414550
4-Bromophenyl-phenylether	U		0.0271	0.770	2	12/20/2024 04:05	WG2414550
2-Chloronaphthalene	U		0.0135	0.0770	2	12/20/2024 04:05	WG2414550
4-Chlorophenyl-phenylether	U		0.0268	0.770	2	12/20/2024 04:05	WG2414550
Chrysene	0.0165	J	0.0153	0.0770	2	12/20/2024 04:05	WG2414550
Dibenz(a,h)anthracene	U		0.0214	0.0770	2	12/20/2024 04:05	WG2414550
1,2-Dichlorobenzene	U		0.0228	0.770	2	12/20/2024 04:05	WG2414550
1,3-Dichlorobenzene	U		0.0234	0.770	2	12/20/2024 04:05	WG2414550
1,4-Dichlorobenzene	U		0.0229	0.770	2	12/20/2024 04:05	WG2414550
3,3-Dichlorobenzidine	U		0.0285	0.770	2	12/20/2024 04:05	WG2414550
2,4-Dinitrotoluene	U		0.0221	0.770	2	12/20/2024 04:05	WG2414550
2,6-Dinitrotoluene	U		0.0252	0.770	2	12/20/2024 04:05	WG2414550
Fluoranthene	0.0216	J	0.0139	0.0770	2	12/20/2024 04:05	WG2414550
Fluorene	U		0.0125	0.0770	2	12/20/2024 04:05	WG2414550
Hexachlorobenzene	U		0.0273	0.770	2	12/20/2024 04:05	WG2414550
Hexachloro-1,3-butadiene	U		0.0259	0.770	2	12/20/2024 04:05	WG2414550
Hexachlorocyclopentadiene	U	C3	0.0405	0.770	2	12/20/2024 04:05	WG2414550
Hexachloroethane	U		0.0303	0.770	2	12/20/2024 04:05	WG2414550
Indeno(1,2,3-cd)pyrene	U		0.0217	0.0770	2	12/20/2024 04:05	WG2414550
Isophorone	U		0.0236	0.770	2	12/20/2024 04:05	WG2414550
Naphthalene	U		0.0193	0.0770	2	12/20/2024 04:05	WG2414550
Nitrobenzene	U		0.0268	0.770	2	12/20/2024 04:05	WG2414550
n-Nitrosodimethylamine	U		0.114	0.770	2	12/20/2024 04:05	WG2414550
n-Nitrosodiphenylamine	U		0.0583	0.770	2	12/20/2024 04:05	WG2414550
n-Nitrosodi-n-propylamine	U		0.0257	0.770	2	12/20/2024 04:05	WG2414550
Phenanthrene	U		0.0153	0.0770	2	12/20/2024 04:05	WG2414550
Benzylbutyl phthalate	U		0.0241	0.770	2	12/20/2024 04:05	WG2414550
Bis(2-ethylhexyl)phthalate	U		0.0976	0.770	2	12/20/2024 04:05	WG2414550
Di-n-butyl phthalate	U		0.0264	0.770	2	12/20/2024 04:05	WG2414550
Diethyl phthalate	U		0.0254	0.770	2	12/20/2024 04:05	WG2414550
Dimethyl phthalate	U		0.163	0.770	2	12/20/2024 04:05	WG2414550
Di-n-octyl phthalate	U		0.0520	0.770	2	12/20/2024 04:05	WG2414550
Pyrene	0.0281	J	0.0150	0.0770	2	12/20/2024 04:05	WG2414550
1,2,4-Trichlorobenzene	U		0.0241	0.770	2	12/20/2024 04:05	WG2414550
4-Chloro-3-methylphenol	U		0.0250	0.770	2	12/20/2024 04:05	WG2414550

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
2-Chlorophenol	U		0.0254	0.770	2	12/20/2024 04:05	WG2414550
2,4-Dichlorophenol	U		0.0224	0.770	2	12/20/2024 04:05	WG2414550
2,4-Dimethylphenol	U		0.0201	0.770	2	12/20/2024 04:05	WG2414550
4,6-Dinitro-2-methylphenol	U		0.175	0.770	2	12/20/2024 04:05	WG2414550
2,4-Dinitrophenol	U		0.180	0.770	2	12/20/2024 04:05	WG2414550
2-Nitrophenol	U		0.0275	0.770	2	12/20/2024 04:05	WG2414550
4-Nitrophenol	U		0.0241	0.770	2	12/20/2024 04:05	WG2414550
Pentachlorophenol	U		0.0207	0.770	2	12/20/2024 04:05	WG2414550
Phenol	U		0.0310	0.770	2	12/20/2024 04:05	WG2414550
2,4,6-Trichlorophenol	U		0.0248	0.770	2	12/20/2024 04:05	WG2414550
(S) 2-Fluorophenol	*51.8*			*12.0-120*		*12/20/2024 04:05*	WG2414550
(S) Phenol-d5	*52.5*			*10.0-120*		*12/20/2024 04:05*	WG2414550
(S) Nitrobenzene-d5	*52.9*			*10.0-122*		*12/20/2024 04:05*	WG2414550
(S) 2-Fluorobiphenyl	*51.9*			*15.0-120*		*12/20/2024 04:05*	WG2414550
(S) 2,4,6-Tribromophenol	*56.0*			*10.0-127*		*12/20/2024 04:05*	WG2414550
(S) p-Terphenyl-d14	*58.9*			*10.0-120*		*12/20/2024 04:05*	WG2414550

Sample Narrative:

L1806296-05 WG2414550: Dilution due to matrix impact during extract concentration procedure.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R4154947-1 12/07/24 08:39

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1806296-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1806296-05 12/07/24 08:39 • (DUP) R4154947-3 12/07/24 08:39

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	86.5	90.4	1	4.44		10

Laboratory Control Sample (LCS)

(LCS) R4154947-2 12/07/24 08:39

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

QUALITY CONTROL SUMMARY

L1806296-01,02,03,04,05

Method Blank (MB)

(MB) R4157323-1 12/12/24 14:33

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0206	0.0400

Laboratory Control Sample (LCS)

(LCS) R4157323-2 12/12/24 14:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.470	94.1	80.0-120	

L1806296-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1806296-02 12/12/24 14:38 • (MS) R4157323-4 12/12/24 14:44 • (MSD) R4157323-5 12/12/24 14:47

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.536	0.0344	0.457	0.432	78.7	74.2	1	75.0-125		J6	5.46	20

Method Blank (MB)

(MB) R4156804-1 12/11/24 08:32

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.518	2.00
Barium	0.753		0.0852	0.500
Cadmium	U		0.0471	0.500
Chromium	U		0.133	1.00
Lead	U		0.208	0.500
Selenium	U		0.764	2.00
Silver	U		0.127	1.00

Laboratory Control Sample (LCS)

(LCS) R4156804-2 12/11/24 08:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	99.6	99.6	80.0-120	
Barium	100	103	103	80.0-120	
Cadmium	100	99.3	99.3	80.0-120	
Chromium	100	102	102	80.0-120	
Lead	100	97.3	97.3	80.0-120	
Selenium	100	95.9	95.9	80.0-120	
Silver	20.0	20.4	102	80.0-120	

L1806375-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1806375-01 12/11/24 08:35 • (MS) R4156804-5 12/11/24 08:40 • (MSD) R4156804-6 12/11/24 08:42

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	124	4.24	122	115	95.1	89.1	1	75.0-125			6.34	20
Barium	124	128	208	244	64.1	92.8	1	75.0-125	J6		15.8	20
Cadmium	124	0.438	117	110	94.1	88.5	1	75.0-125			6.10	20
Chromium	124	19.5	145	136	101	93.7	1	75.0-125			6.71	20
Lead	124	23.8	151	140	102	93.6	1	75.0-125			7.36	20
Selenium	124	1.97	116	109	92.0	86.5	1	75.0-125			6.02	20
Silver	24.8	0.377	27.6	25.4	110	101	1	75.0-125			8.45	20

Method Blank (MB)

(MB) R4155856-3 12/09/24 00:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4155856-3 12/09/24 00:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*100*			*75.0-131*
(S) 4-Bromofluorobenzene	*93.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*88.5*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4155856-1 12/08/24 21:58 • (LCSD) R4155856-2 12/08/24 22:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	1.40	1.31	224	210	10.0-160	J4	J4	6.64	31
Acrylonitrile	0.625	1.06	1.05	170	168	45.0-153	J4	J4	0.948	22
Benzene	0.125	0.140	0.133	112	106	70.0-123			5.13	20
Bromobenzene	0.125	0.120	0.114	96.0	91.2	73.0-121			5.13	20
Bromodichloromethane	0.125	0.138	0.129	110	103	73.0-121			6.74	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4155856-1 12/08/24 21:58 • (LCSD) R4155856-2 12/08/24 22:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.130	0.128	104	102	64.0-132			1.55	20
Bromomethane	0.125	0.145	0.138	116	110	56.0-147			4.95	20
n-Butylbenzene	0.125	0.113	0.114	90.4	91.2	68.0-135			0.881	20
sec-Butylbenzene	0.125	0.109	0.110	87.2	88.0	74.0-130			0.913	20
tert-Butylbenzene	0.125	0.102	0.103	81.6	82.4	75.0-127			0.976	20
Carbon tetrachloride	0.125	0.157	0.149	126	119	66.0-128			5.23	20
Chlorobenzene	0.125	0.130	0.125	104	100	76.0-128			3.92	20
Chlorodibromomethane	0.125	0.131	0.126	105	101	74.0-127			3.89	20
Chloroethane	0.125	0.148	0.146	118	117	61.0-134			1.36	20
Chloroform	0.125	0.141	0.134	113	107	72.0-123			5.09	20
Chloromethane	0.125	0.141	0.130	113	104	51.0-138			8.12	20
2-Chlorotoluene	0.125	0.122	0.113	97.6	90.4	75.0-124			7.66	20
4-Chlorotoluene	0.125	0.108	0.107	86.4	85.6	75.0-124			0.930	20
1,2-Dibromo-3-Chloropropane	0.125	0.134	0.130	107	104	59.0-130			3.03	20
1,2-Dibromoethane	0.125	0.126	0.124	101	99.2	74.0-128			1.60	20
Dibromomethane	0.125	0.143	0.140	114	112	75.0-122			2.12	20
1,2-Dichlorobenzene	0.125	0.122	0.119	97.6	95.2	76.0-124			2.49	20
1,3-Dichlorobenzene	0.125	0.114	0.111	91.2	88.8	76.0-125			2.67	20
1,4-Dichlorobenzene	0.125	0.119	0.115	95.2	92.0	77.0-121			3.42	20
Dichlorodifluoromethane	0.125	0.130	0.126	104	101	43.0-156			3.12	20
1,1-Dichloroethane	0.125	0.145	0.136	116	109	70.0-127			6.41	20
1,2-Dichloroethane	0.125	0.132	0.129	106	103	65.0-131			2.30	20
1,1-Dichloroethene	0.125	0.123	0.115	98.4	92.0	65.0-131			6.72	20
cis-1,2-Dichloroethene	0.125	0.147	0.142	118	114	73.0-125			3.46	20
trans-1,2-Dichloroethene	0.125	0.143	0.137	114	110	71.0-125			4.29	20
1,2-Dichloropropane	0.125	0.146	0.132	117	106	74.0-125			10.1	20
1,1-Dichloropropene	0.125	0.139	0.129	111	103	73.0-125			7.46	20
1,3-Dichloropropane	0.125	0.123	0.117	98.4	93.6	80.0-125			5.00	20
cis-1,3-Dichloropropene	0.125	0.139	0.129	111	103	76.0-127			7.46	20
trans-1,3-Dichloropropene	0.125	0.125	0.122	100	97.6	73.0-127			2.43	20
2,2-Dichloropropane	0.125	0.176	0.168	141	134	59.0-135	J4		4.65	20
Di-isopropyl ether	0.125	0.143	0.136	114	109	60.0-136			5.02	20
Ethylbenzene	0.125	0.129	0.124	103	99.2	74.0-126			3.95	20
Hexachloro-1,3-butadiene	0.125	0.122	0.123	97.6	98.4	57.0-150			0.816	20
Isopropylbenzene	0.125	0.120	0.119	96.0	95.2	72.0-127			0.837	20
p-Isopropyltoluene	0.125	0.112	0.111	89.6	88.8	72.0-133			0.897	20
2-Butanone (MEK)	0.625	0.723	0.691	116	111	30.0-160			4.53	24
Methylene Chloride	0.125	0.139	0.132	111	106	68.0-123			5.17	20
4-Methyl-2-pentanone (MIBK)	0.625	0.715	0.680	114	109	56.0-143			5.02	20
Methyl tert-butyl ether	0.125	0.137	0.136	110	109	66.0-132			0.733	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4155856-1 12/08/24 21:58 • (LCSD) R4155856-2 12/08/24 22:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.0897	0.0935	71.8	74.8	59.0-130			4.15	20
n-Propylbenzene	0.125	0.119	0.112	95.2	89.6	74.0-126			6.06	20
Styrene	0.125	0.125	0.121	100	96.8	72.0-127			3.25	20
1,1,1,2-Tetrachloroethane	0.125	0.145	0.143	116	114	74.0-129			1.39	20
1,1,2,2-Tetrachloroethane	0.125	0.130	0.128	104	102	68.0-128			1.55	20
1,1,2-Trichlorotrifluoroethane	0.125	0.116	0.112	92.8	89.6	61.0-139			3.51	20
Tetrachloroethene	0.125	0.133	0.126	106	101	70.0-136			5.41	20
Toluene	0.125	0.134	0.125	107	100	75.0-121			6.95	20
1,2,3-Trichlorobenzene	0.125	0.0984	0.103	78.7	82.4	59.0-139			4.57	20
1,2,4-Trichlorobenzene	0.125	0.121	0.119	96.8	95.2	62.0-137			1.67	20
1,1,1-Trichloroethane	0.125	0.151	0.143	121	114	69.0-126			5.44	20
1,1,2-Trichloroethane	0.125	0.129	0.121	103	96.8	78.0-123			6.40	20
Trichloroethene	0.125	0.148	0.136	118	109	76.0-126			8.45	20
Trichlorofluoromethane	0.125	0.134	0.127	107	102	61.0-142			5.36	20
1,2,3-Trichloropropane	0.125	0.126	0.122	101	97.6	67.0-129			3.23	20
1,2,4-Trimethylbenzene	0.125	0.111	0.111	88.8	88.8	70.0-126			0.000	20
1,2,3-Trimethylbenzene	0.125	0.117	0.113	93.6	90.4	74.0-124			3.48	20
1,3,5-Trimethylbenzene	0.125	0.115	0.113	92.0	90.4	73.0-127			1.75	20
Vinyl chloride	0.125	0.170	0.156	136	125	63.0-134	J4		8.59	20
Xylenes, Total	0.375	0.381	0.367	102	97.9	72.0-127			3.74	20
(S) Toluene-d8				*99.7*	*96.1*	*75.0-131*				
(S) 4-Bromofluorobenzene				*98.5*	*100*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*95.3*	*97.2*	*70.0-130*				

Method Blank (MB)

(MB) R4157041-3 12/11/24 11:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4157041-3 12/11/24 11:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*84.0*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4157041-1 12/11/24 09:42 • (LCSD) R4157041-2 12/11/24 10:02

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.283	0.312	45.3	49.9	10.0-160			9.75	31
Acrylonitrile	0.625	0.485	0.552	77.6	88.3	45.0-153			12.9	22
Benzene	0.125	0.115	0.111	92.0	88.8	70.0-123			3.54	20
Bromobenzene	0.125	0.131	0.131	105	105	73.0-121			0.000	20
Bromodichloromethane	0.125	0.118	0.117	94.4	93.6	73.0-121			0.851	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4157041-1 12/11/24 09:42 • (LCSD) R4157041-2 12/11/24 10:02

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.115	0.123	92.0	98.4	64.0-132			6.72	20
Bromomethane	0.125	0.114	0.110	91.2	88.0	56.0-147			3.57	20
n-Butylbenzene	0.125	0.132	0.127	106	102	68.0-135			3.86	20
sec-Butylbenzene	0.125	0.122	0.120	97.6	96.0	74.0-130			1.65	20
tert-Butylbenzene	0.125	0.136	0.134	109	107	75.0-127			1.48	20
Carbon tetrachloride	0.125	0.139	0.134	111	107	66.0-128			3.66	20
Chlorobenzene	0.125	0.134	0.128	107	102	76.0-128			4.58	20
Chlorodibromomethane	0.125	0.132	0.131	106	105	74.0-127			0.760	20
Chloroethane	0.125	0.0920	0.0915	73.6	73.2	61.0-134			0.545	20
Chloroform	0.125	0.117	0.114	93.6	91.2	72.0-123			2.60	20
Chloromethane	0.125	0.0859	0.0831	68.7	66.5	51.0-138			3.31	20
2-Chlorotoluene	0.125	0.143	0.143	114	114	75.0-124			0.000	20
4-Chlorotoluene	0.125	0.126	0.126	101	101	75.0-124			0.000	20
1,2-Dibromo-3-Chloropropane	0.125	0.118	0.125	94.4	100	59.0-130			5.76	20
1,2-Dibromoethane	0.125	0.132	0.133	106	106	74.0-128			0.755	20
Dibromomethane	0.125	0.108	0.108	86.4	86.4	75.0-122			0.000	20
1,2-Dichlorobenzene	0.125	0.122	0.131	97.6	105	76.0-124			7.11	20
1,3-Dichlorobenzene	0.125	0.140	0.134	112	107	76.0-125			4.38	20
1,4-Dichlorobenzene	0.125	0.115	0.125	92.0	100	77.0-121			8.33	20
Dichlorodifluoromethane	0.125	0.123	0.120	98.4	96.0	43.0-156			2.47	20
1,1-Dichloroethane	0.125	0.102	0.0982	81.6	78.6	70.0-127			3.80	20
1,2-Dichloroethane	0.125	0.101	0.0996	80.8	79.7	65.0-131			1.40	20
1,1-Dichloroethene	0.125	0.105	0.100	84.0	80.0	65.0-131			4.88	20
cis-1,2-Dichloroethene	0.125	0.113	0.104	90.4	83.2	73.0-125			8.29	20
trans-1,2-Dichloroethene	0.125	0.111	0.118	88.8	94.4	71.0-125			6.11	20
1,2-Dichloropropane	0.125	0.100	0.102	80.0	81.6	74.0-125			1.98	20
1,1-Dichloropropene	0.125	0.126	0.117	101	93.6	73.0-125			7.41	20
1,3-Dichloropropane	0.125	0.123	0.121	98.4	96.8	80.0-125			1.64	20
cis-1,3-Dichloropropene	0.125	0.127	0.129	102	103	76.0-127			1.56	20
trans-1,3-Dichloropropene	0.125	0.122	0.126	97.6	101	73.0-127			3.23	20
2,2-Dichloropropane	0.125	0.157	0.150	126	120	59.0-135			4.56	20
Di-isopropyl ether	0.125	0.0786	0.0815	62.9	65.2	60.0-136			3.62	20
Ethylbenzene	0.125	0.137	0.133	110	106	74.0-126			2.96	20
Hexachloro-1,3-butadiene	0.125	0.157	0.151	126	121	57.0-150			3.90	20
Isopropylbenzene	0.125	0.142	0.138	114	110	72.0-127			2.86	20
p-Isopropyltoluene	0.125	0.131	0.133	105	106	72.0-133			1.52	20
2-Butanone (MEK)	0.625	0.295	0.337	47.2	53.9	30.0-160			13.3	24
Methylene Chloride	0.125	0.119	0.111	95.2	88.8	68.0-123			6.96	20
4-Methyl-2-pentanone (MIBK)	0.625	0.453	0.461	72.5	73.8	56.0-143			1.75	20
Methyl tert-butyl ether	0.125	0.109	0.105	87.2	84.0	66.0-132			3.74	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4157041-1 12/11/24 09:42 • (LCSD) R4157041-2 12/11/24 10:02

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.134	0.138	107	110	59.0-130			2.94	20
n-Propylbenzene	0.125	0.153	0.145	122	116	74.0-126			5.37	20
Styrene	0.125	0.121	0.114	96.8	91.2	72.0-127			5.96	20
1,1,1,2-Tetrachloroethane	0.125	0.128	0.131	102	105	74.0-129			2.32	20
1,1,2,2-Tetrachloroethane	0.125	0.102	0.105	81.6	84.0	68.0-128			2.90	20
1,1,2-Trichlorotrifluoroethane	0.125	0.124	0.118	99.2	94.4	61.0-139			4.96	20
Tetrachloroethene	0.125	0.156	0.151	125	121	70.0-136			3.26	20
Toluene	0.125	0.136	0.133	109	106	75.0-121			2.23	20
1,2,3-Trichlorobenzene	0.125	0.131	0.125	105	100	59.0-139			4.69	20
1,2,4-Trichlorobenzene	0.125	0.122	0.128	97.6	102	62.0-137			4.80	20
1,1,1-Trichloroethane	0.125	0.142	0.133	114	106	69.0-126			6.55	20
1,1,2-Trichloroethane	0.125	0.121	0.124	96.8	99.2	78.0-123			2.45	20
Trichloroethene	0.125	0.134	0.137	107	110	76.0-126			2.21	20
Trichlorofluoromethane	0.125	0.125	0.123	100	98.4	61.0-142			1.61	20
1,2,3-Trichloropropane	0.125	0.124	0.124	99.2	99.2	67.0-129			0.000	20
1,2,4-Trimethylbenzene	0.125	0.131	0.126	105	101	70.0-126			3.89	20
1,2,3-Trimethylbenzene	0.125	0.133	0.129	106	103	74.0-124			3.05	20
1,3,5-Trimethylbenzene	0.125	0.131	0.131	105	105	73.0-127			0.000	20
Vinyl chloride	0.125	0.100	0.0963	80.0	77.0	63.0-134			3.77	20
Xylenes, Total	0.375	0.342	0.390	91.2	104	72.0-127			13.1	20
(S) Toluene-d8				*104*	*104*	*75.0-131*				
(S) 4-Bromofluorobenzene				*95.7*	*96.0*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*85.1*	*91.8*	*70.0-130*				

Method Blank (MB)

(MB) R4155240-1 12/08/24 17:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Diesel Range Organics (DRO)	U		1.33	4.00
Residual Range Organics (RRO)	U		3.33	10.0
(S) o-Terphenyl	*66.4*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4155240-2 12/08/24 17:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	50.0	43.0	86.0	50.0-150	
(S) o-Terphenyl			*80.2*	*18.0-148*	

L1806296-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1806296-04 12/10/24 11:57 • (MS) R4156110-1 12/10/24 12:11 • (MSD) R4156110-2 12/10/24 12:25

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	49.8	237	238	163	2.01	0.000	50	50.0-150	V	J3 V	37.3	20
(S) o-Terphenyl					*68.4*	*58.5*		*18.0-148*	J7	J7		

Sample Narrative:

OS: Sample resembles laboratory standard for Hydraulic Oil.

Method Blank (MB)

(MB) R4154988-1 12/07/24 17:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*67.4*			*10.0-135*
(S) Tetrachloro-m-xylene	*79.4*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R4154988-5 12/07/24 17:46

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1016	0.167	0.117	70.1	36.0-141	
PCB 1260	0.167	0.140	83.8	37.0-145	
(S) Decachlorobiphenyl			*62.6*	*10.0-135*	
(S) Tetrachloro-m-xylene			*72.7*	*10.0-139*	

L1806231-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1806231-03 12/07/24 21:21 • (MS) R4154988-6 12/07/24 21:31 • (MSD) R4154988-7 12/07/24 21:41

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1016	0.178	U	0.163	0.144	91.4	79.4	1	10.0-160	P	P	12.2	37
PCB 1260	0.178	U	0.171	0.168	96.3	92.7	1	10.0-160	P		1.94	38
(S) Decachlorobiphenyl					*88.9*	*84.8*		*10.0-135*				
(S) Tetrachloro-m-xylene					*96.1*	*92.0*		*10.0-139*				

Method Blank (MB)

(MB) R4160049-2 12/09/24 16:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00469	0.0333
Anthracene	U		0.00593	0.0333
Benzidine	U		0.0626	1.67
Benzo(a)anthracene	U		0.00587	0.0333
Benzo(b)fluoranthene	U		0.00621	0.0333
Benzo(k)fluoranthene	U		0.00592	0.0333
Benzo(g,h,i)perylene	U		0.00609	0.0333
Benzo(a)pyrene	U		0.00619	0.0333
Bis(2-chlorethoxy)methane	U		0.0100	0.333
Bis(2-chloroethyl)ether	U		0.0110	0.333
2,2-Oxybis(1-Chloropropane)	U		0.0144	0.333
4-Bromophenyl-phenylether	U		0.0117	0.333
2-Chloronaphthalene	U		0.00585	0.0333
4-Chlorophenyl-phenylether	U		0.0116	0.333
Chrysene	U		0.00662	0.0333
Dibenz(a,h)anthracene	U		0.00923	0.0333
1,2-Dichlorobenzene	U		0.00987	0.333
1,3-Dichlorobenzene	U		0.0101	0.333
1,4-Dichlorobenzene	U		0.00991	0.333
3,3-Dichlorobenzidine	U		0.0123	0.333
2,4-Dinitrotoluene	U		0.00955	0.333
2,6-Dinitrotoluene	U		0.0109	0.333
Fluoranthene	U		0.00601	0.0333
Fluorene	U		0.00542	0.0333
Hexachlorobenzene	U		0.0118	0.333
Hexachloro-1,3-butadiene	U		0.0112	0.333
Hexachlorocyclopentadiene	U		0.0175	0.333
Hexachloroethane	U		0.0131	0.333
Indeno(1,2,3-cd)pyrene	U		0.00941	0.0333
Isophorone	U		0.0102	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0116	0.333
n-Nitrosodimethylamine	U		0.0494	0.333
n-Nitrosodiphenylamine	U		0.0252	0.333
n-Nitrosodi-n-propylamine	U		0.0111	0.333
Phenanthrene	U		0.00661	0.0333
Benzylbutyl phthalate	U		0.0104	0.333
Bis(2-ethylhexyl)phthalate	U		0.0422	0.333
Di-n-butyl phthalate	U		0.0114	0.333

Method Blank (MB)

(MB) R4160049-2 12/09/24 16:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Diethyl phthalate	U		0.0110	0.333
Dimethyl phthalate	U		0.0706	0.333
Di-n-octyl phthalate	U		0.0225	0.333
Pyrene	U		0.00648	0.0333
1,2,4-Trichlorobenzene	U		0.0104	0.333
4-Chloro-3-methylphenol	U		0.0108	0.333
2-Chlorophenol	U		0.0110	0.333
2,4-Dichlorophenol	U		0.00970	0.333
2,4-Dimethylphenol	U		0.00870	0.333
4,6-Dinitro-2-methylphenol	U		0.0755	0.333
2,4-Dinitrophenol	U		0.0779	0.333
2-Nitrophenol	U		0.0119	0.333
4-Nitrophenol	U		0.0104	0.333
Pentachlorophenol	U		0.00896	0.333
Phenol	U		0.0134	0.333
2,4,6-Trichlorophenol	U		0.0107	0.333
(S) 2-Fluorophenol	*60.1*			*12.0-120*
(S) Phenol-d5	*56.8*			*10.0-120*
(S) Nitrobenzene-d5	*47.1*			*10.0-122*
(S) 2-Fluorobiphenyl	*49.8*			*15.0-120*
(S) 2,4,6-Tribromophenol	*45.6*			*10.0-127*
(S) p-Terphenyl-d14	*60.7*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4160049-1 12/09/24 15:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.358	53.8	38.0-120	
Acenaphthylene	0.666	0.343	51.5	40.0-120	
Anthracene	0.666	0.363	54.5	42.0-120	
Benzidine	1.33	0.604	45.4	10.0-120	J
Benzo(a)anthracene	0.666	0.377	56.6	44.0-120	
Benzo(b)fluoranthene	0.666	0.371	55.7	43.0-120	
Benzo(k)fluoranthene	0.666	0.373	56.0	44.0-120	
Benzo(g,h,i)perylene	0.666	0.350	52.6	43.0-120	
Benzo(a)pyrene	0.666	0.390	58.6	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.292	43.8	20.0-120	J
Bis(2-chloroethyl)ether	0.666	0.407	61.1	16.0-120	

Laboratory Control Sample (LCS)

(LCS) R4160049-1 12/09/24 15:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,2-Oxybis(1-Chloropropane)	0.666	0.326	48.9	23.0-120	J
4-Bromophenyl-phenylether	0.666	0.368	55.3	40.0-120	
2-Chloronaphthalene	0.666	0.330	49.5	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.365	54.8	40.0-120	
Chrysene	0.666	0.360	54.1	43.0-120	
Dibenz(a,h)anthracene	0.666	0.382	57.4	44.0-120	
1,2-Dichlorobenzene	0.666	0.317	47.6	32.0-120	J
1,3-Dichlorobenzene	0.666	0.311	46.7	30.0-120	J
1,4-Dichlorobenzene	0.666	0.316	47.4	31.0-120	J
3,3-Dichlorobenzidine	1.33	0.752	56.5	28.0-120	
2,4-Dinitrotoluene	0.666	0.386	58.0	45.0-120	
2,6-Dinitrotoluene	0.666	0.376	56.5	42.0-120	
Fluoranthene	0.666	0.369	55.4	44.0-120	
Fluorene	0.666	0.381	57.2	41.0-120	
Hexachlorobenzene	0.666	0.369	55.4	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.268	40.2	15.0-120	J
Hexachlorocyclopentadiene	0.666	0.223	33.5	15.0-120	J
Hexachloroethane	0.666	0.315	47.3	17.0-120	J
Indeno(1,2,3-cd)pyrene	0.666	0.362	54.4	45.0-120	
Isophorone	0.666	0.290	43.5	23.0-120	J
Naphthalene	0.666	0.268	40.2	18.0-120	
Nitrobenzene	0.666	0.285	42.8	17.0-120	J
n-Nitrosodimethylamine	0.666	0.325	48.8	10.0-125	J
n-Nitrosodiphenylamine	0.666	0.353	53.0	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.330	49.5	26.0-120	J
Phenanthrene	0.666	0.358	53.8	42.0-120	
Benzylbutyl phthalate	0.666	0.378	56.8	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.378	56.8	41.0-120	
Di-n-butyl phthalate	0.666	0.376	56.5	43.0-120	
Diethyl phthalate	0.666	0.371	55.7	43.0-120	
Dimethyl phthalate	0.666	0.365	54.8	43.0-120	
Di-n-octyl phthalate	0.666	0.357	53.6	40.0-120	
Pyrene	0.666	0.373	56.0	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.284	42.6	17.0-120	J
4-Chloro-3-methylphenol	0.666	0.288	43.2	28.0-120	J
2-Chlorophenol	0.666	0.343	51.5	28.0-120	
2,4-Dichlorophenol	0.666	0.293	44.0	25.0-120	J
2,4-Dimethylphenol	0.666	0.287	43.1	15.0-120	J
4,6-Dinitro-2-methylphenol	0.666	0.354	53.2	16.0-120	
2,4-Dinitrophenol	0.666	0.351	52.7	10.0-120	

Laboratory Control Sample (LCS)

(LCS) R4160049-1 12/09/24 15:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Nitrophenol	0.666	0.294	44.1	20.0-120	J
4-Nitrophenol	0.666	0.397	59.6	27.0-120	
Pentachlorophenol	0.666	0.313	47.0	29.0-120	J
Phenol	0.666	0.357	53.6	28.0-120	
2,4,6-Trichlorophenol	0.666	0.347	52.1	37.0-120	
(S) 2-Fluorophenol			*55.4*	*12.0-120*	
(S) Phenol-d5			*55.4*	*10.0-120*	
(S) Nitrobenzene-d5			*36.3*	*10.0-122*	
(S) 2-Fluorobiphenyl			*48.0*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*61.0*	*10.0-127*	
(S) p-Terphenyl-d14			*53.2*	*10.0-120*	

L1806147-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1806147-02 12/09/24 21:16 • (MS) R4160049-3 12/09/24 21:37 • (MSD) R4160049-4 12/09/24 21:57

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.804	U	0.453	0.478	56.3	59.9	2	18.0-120			5.22	32
Acenaphthylene	0.804	0.0564	0.478	0.497	52.4	55.3	2	25.0-120			3.99	32
Anthracene	0.804	0.0282	0.475	0.526	55.6	62.5	2	22.0-120			10.2	29
Benzidine	1.60	U	0.468	0.469	29.2	29.5	2	10.0-120	J	J	0.259	40
Benzo(a)anthracene	0.804	0.108	0.569	0.677	57.3	71.3	2	25.0-120			17.4	29
Benzo(b)fluoranthene	0.804	0.156	0.620	0.727	57.7	71.6	2	19.0-122			15.9	31
Benzo(k)fluoranthene	0.804	0.0481	0.480	0.541	53.7	61.8	2	23.0-120			11.9	30
Benzo(g,h,i)perylene	0.804	0.0800	0.385	0.450	37.9	46.4	2	10.0-120			15.4	33
Benzo(a)pyrene	0.804	0.132	0.599	0.694	58.0	70.4	2	24.0-120			14.7	30
Bis(2-chlorethoxy)methane	0.804	U	0.384	0.405	47.7	50.8	2	10.0-120	J	J	5.24	34
Bis(2-chloroethyl)ether	0.804	U	0.493	0.536	61.3	67.2	2	10.0-120	J	J	8.26	40
2,2-Oxybis(1-Chloropropane)	0.804	U	0.410	0.427	50.9	53.5	2	10.0-120	J	J	4.07	40
4-Bromophenyl-phenylether	0.804	U	0.441	0.464	54.8	58.2	2	27.0-120	J	J	5.10	30
2-Chloronaphthalene	0.804	U	0.413	0.431	51.4	54.1	2	20.0-120			4.32	32
4-Chlorophenyl-phenylether	0.804	U	0.454	0.465	56.5	58.4	2	24.0-120	J	J	2.38	29
Chrysene	0.804	0.0966	0.540	0.631	55.1	67.0	2	21.0-120			15.6	29
Dibenz(a,h)anthracene	0.804	U	0.372	0.416	46.2	52.1	2	10.0-120			11.1	32
1,2-Dichlorobenzene	0.804	U	0.391	0.408	48.6	51.2	2	10.0-120	J	J	4.26	38
1,3-Dichlorobenzene	0.804	U	0.379	0.397	47.1	49.8	2	10.0-120	J	J	4.69	40
1,4-Dichlorobenzene	0.804	U	0.382	0.401	47.4	50.3	2	10.0-120	J	J	4.97	39
3,3-Dichlorobenzidine	1.60	U	0.869	0.947	54.2	59.5	2	10.0-120			8.57	34
2,4-Dinitrotoluene	0.804	U	0.482	0.480	60.0	60.2	2	30.0-120	J	J	0.505	31

L1806147-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1806147-02 12/09/24 21:16 • (MS) R4160049-3 12/09/24 21:37 • (MSD) R4160049-4 12/09/24 21:57

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
2,6-Dinitrotoluene	0.804	U	0.471	0.482	58.6	60.5	2	25.0-120	J	J	2.29	31
Fluoranthene	0.804	0.164	0.659	0.863	61.5	87.7	2	18.0-126			26.8	32
Fluorene	0.804	0.0135	0.476	0.508	57.5	62.0	2	25.0-120			6.42	30
Hexachlorobenzene	0.804	U	0.436	0.442	54.2	55.5	2	27.0-120	J	J	1.38	28
Hexachloro-1,3-butadiene	0.804	U	0.351	0.361	43.7	45.3	2	10.0-120	J	J	2.73	38
Hexachlorocyclopentadiene	0.804	U	U	0.0516	4.83	6.48	2	10.0-120	J J6	J J6	28.2	40
Hexachloroethane	0.804	U	0.316	0.340	39.3	42.7	2	10.0-120	J	J	7.41	40
Indeno(1,2,3-cd)pyrene	0.804	0.0806	0.433	0.512	43.8	54.1	2	10.0-120			16.7	32
Isophorone	0.804	U	0.384	0.406	47.7	50.9	2	13.0-120	J	J	5.54	34
Naphthalene	0.804	U	0.363	0.372	45.2	46.6	2	10.0-120			2.31	35
Nitrobenzene	0.804	U	0.391	0.411	48.6	51.5	2	10.0-120	J	J	4.85	36
n-Nitrosodimethylamine	0.804	U	0.405	0.445	50.3	55.8	2	10.0-127	J	J	9.44	40
n-Nitrosodiphenylamine	0.804	U	0.425	0.435	52.9	54.6	2	17.0-120	J	J	2.26	29
n-Nitrosodi-n-propylamine	0.804	U	0.411	0.452	51.1	56.7	2	10.0-120	J	J	9.58	37
Phenanthrene	0.804	0.0941	0.519	0.681	52.8	73.6	2	17.0-120			27.0	31
Benzylbutyl phthalate	0.804	U	0.533	0.588	66.3	73.8	2	23.0-120	J	J	9.75	30
Bis(2-ethylhexyl)phthalate	0.804	U	0.546	0.570	67.8	71.5	2	17.0-126	J	J	4.36	30
Di-n-butyl phthalate	0.804	U	0.492	0.521	61.2	65.4	2	30.0-120	J	J	5.76	29
Diethyl phthalate	0.804	U	0.468	0.482	58.2	60.5	2	26.0-120	J	J	3.07	28
Dimethyl phthalate	0.804	U	0.446	0.459	55.4	57.6	2	25.0-120	J	J	2.95	29
Di-n-octyl phthalate	0.804	U	0.614	0.634	76.3	79.6	2	21.0-123	J	J	3.31	29
Pyrene	0.804	0.165	0.615	0.783	55.9	77.4	2	16.0-121			24.0	32
1,2,4-Trichlorobenzene	0.804	U	0.363	0.379	45.2	47.6	2	12.0-120	J	J	4.26	37
4-Chloro-3-methylphenol	0.804	U	0.407	0.405	50.6	50.8	2	15.0-120	J	J	0.599	30
2-Chlorophenol	0.804	U	0.402	0.434	50.0	54.4	2	15.0-120	J	J	7.56	37
2,4-Dichlorophenol	0.804	U	0.405	0.411	50.3	51.5	2	20.0-120	J	J	1.49	31
2,4-Dimethylphenol	0.804	U	0.389	0.402	48.3	50.5	2	10.0-120	J	J	3.38	33
4,6-Dinitro-2-methylphenol	0.804	U	0.258	0.255	32.0	32.0	2	10.0-120	J	J	0.948	39
2,4-Dinitrophenol	0.804	U	U	U	0.000	0.000	2	10.0-121	J6	J6	0.000	40
2-Nitrophenol	0.804	U	0.367	0.380	45.6	47.7	2	12.0-120	J	J	3.58	39
4-Nitrophenol	0.804	U	0.502	0.507	62.4	63.6	2	10.0-137	J	J	0.964	32
Pentachlorophenol	0.804	U	0.403	0.391	50.2	49.1	2	10.0-160	J	J	3.06	31
Phenol	0.804	U	0.424	0.453	52.7	56.9	2	12.0-120	J	J	6.65	38
2,4,6-Trichlorophenol	0.804	U	0.448	0.464	55.7	58.2	2	19.0-120	J	J	3.46	32
(S) 2-Fluorophenol					*54.5*	*60.1*		*12.0-120*				
(S) Phenol-d5					*55.1*	*59.4*		*10.0-120*				
(S) Nitrobenzene-d5					*40.5*	*45.4*		*10.0-122*				
(S) 2-Fluorobiphenyl					*48.0*	*52.4*		*15.0-120*				
(S) 2,4,6-Tribromophenol					*62.9*	*63.6*		*10.0-127*				

L1806147-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1806147-02 12/09/24 21:16 • (MS) R4160049-3 12/09/24 21:37 • (MSD) R4160049-4 12/09/24 21:57

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) p-Terphenyl-d14					*53.5*	*58.5*		*10.0-120*				

Sample Narrative:

OS: Dilution due to matrix impact during extract concentration procedure.

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C6	The initial calibration verification standard (SSCV) associated with this data responded low.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.

GLOSSARY OF TERMS

Qualifier	Description
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
P	RPD between the primary and confirmatory analysis exceeded 40%.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
AllWest Testing & Eng. - Idaho

2705 E. Main St.
Lewiston, ID 83501

Billing Information:
Chelsea Lloyd
690 West Capstone Court
Hayden, ID 83835

Pres Chk

Report to:
Chelsea Lloyd

Email To: **clloyd@allwesttesting.com**

Project Description:

City/State Collected: Spokane, WA

Please Circle: PT MT CT ET

Phone: **208-762-4721**

Client Project #
924-100E

Lab Project #
ALLWESTID-LLOYD

Collected by (print):
Rowan Hites

Site/Facility ID #

P.O. #

Collected by (signature):
Rowan Hites

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	NWTPHDX, SV8082 4ozClr-NoPres	RCRA Metals, SV8270 4ozClr-NoPres	V8260 40mlAmb/MeOH10ml/Syr							Remarks	Sample # (lab only)
SB-1-1	Grab	SS	1'	12/3/24	10:05	3	X	X	X								-01
SB-1-2	"	SS	8'	"	10:11	3	X	X	X								-02
SB-2-1	"	SS	1'	"	10:53	3	X	X	X								-03
SB-3-1	"	SS	3'	"	11:24	3	X	X	X								-04
SB-4-1	"	SS	3'	"	11:41	3	X	X	X								-05
		SS															
		SS															
		SS															
		SS															
		SS															

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1806296
D023

Acctnum: **ALLWESTID**
Template: **T264745**
Prelogin: **P1118480**
PM: **841 - Kelly Mercer**
PB: NG 11/26/24
Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4257 0928 9295

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No (HCL / MeoH) TBR	If preservation required by Login: Date/Time
Rowan Hites	12/3/24	13:00		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.1+0=0.3 °C Bottles Received: 15	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12.5.24 Time: 0930	Hold: / Condition: NCF / (OK)