



April 4, 2025

Mr. Andrew Bell
Calvary Station LLC
1563 Calvary Church Road
Gainesville, Georgia

Re: Semi-Annual Soil and Water Sampling
1563 Calvary Church Road, Gainesville, Georgia
LOGIC Project S153-01

Dear Mr. Bell:

Thank you for allowing Logic Environmental, Inc. (LOGIC) to assist you with the ongoing wastewater monitoring at your Calvary Road hydro-extrusion site in accordance with the Monitoring, Inspection, and Testing Plan ("Plan") completed in March of 2024. The results of our most recent sampling event are detailed in the attached tables.

Six locations (the Receiving Concrete Pad, the Soil Drying Area, the Filtration Pond, the Upper Stormwater Management Pond, the Lower Storm Water Management Pond Outflow, and Walnut Creek) were sampled during this event. A Site Sketch is included as Figure 1 and an Area Map is included as Figure 2. Sample collection was conducted on February 14, 2025, by Ciara Seabolt, Director of Geologic Services.

Water samples were screened in the field for turbidity, pH, and specific conductivity. The samples were then placed in clean, laboratory provided containers, packed in ice, and delivered directly to Eurofins Environment Testing in Atlanta. Water and soil samples were analyzed for volatile organic compounds (VOCs, EPA Method 8260), semi-volatile organic compounds (EPA Method 8270), and 8 RCRA metals (EPA Methods 6010 and 7470.) The sample collection points are summarized in Table 1.

Soil samples collected from the receiving pad and soil drying area contained low concentrations of the metals arsenic, barium, chromium, and lead at concentrations considered naturally occurring in Georgia soils. All metal concentrations were well below the Hazardous Site Response Act (HSRA) notification concentrations that would require notification to the Georgia Environmental Protection Division (EPD). Two VOCs, methylcyclohexane and xylenes (total), were identified in the soil sample from the soil drying area. Xylenes (total) was identified

Georgia
3400 McClure Bridge Road, Building F
Duluth, Georgia 30096
770.817.0212

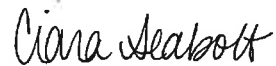
North Florida
3390 Kori Road, Suite 8
Jacksonville, Florida 32257
www.logicenvironmental.com

well below the HSRA notification concentration. There is currently no notification concentration for methylcyclohexane. Soil sample analytical results are included in Table 2.

All field screening results for water samples were within acceptable parameters with the exception of a slightly acidic pH level in the water collected from the Filtration Pond. The higher pH level in this pond was likely due to the heavy rainfall that occurred in the days prior to sampling the ponds. No metals, VOCs or SVOCs were identified in any of the water samples. The results of the water sample analysis are included in Table 3. A chain of custody and the complete analytical results are included as an Attachment.

If you have any questions, or would like to discuss these results, please do not hesitate to contact us. Again, thank you for the opportunity to work with you.

Sincerely yours,



Ciara Seabolt
Director of Geologic Services

Attach.

CC: Chris Fonzi (w Attach.)

TABLE 1

SAMPLE COLLECTION POINTS
1563 Calvary Church Road, Gainesville, Georgia

Location	Date	Description	Designation	Visible Conditions	Sample Collected
Receiving Concrete Pad	2/14/25	Sludge	RCP-1	Sludge Present	✓
Soil Drying Area	2/14/25	Dewatered Soil	SD-1	Soil Present	✓
Receiving Pond	2/14/25	Waste Water	RP-1	2' of Water in Pond	
Filtration Pond	2/14/25	Waste Water	FP-1	1' of Water in Pond	✓
Upper Storm Water Management Pond	2/14/25	Storm Water Runoff	UP-1	2' Water in Pond	✓
Lower Storm Water Management Pond	2/14/25	Storm Water Runoff	LP-1	4' Water in Pond	
SWM Pond Outfall	2/14/25	Storm Water Runoff	OP-1	Flowing Water	✓
Walnut Creek at Gibbs Dr. Bridge (Off Site)	2/14/25	Downstream	DS-1	Flowing Water	✓

TABLE 2
SOIL SAMPLE ANALYSIS¹
 1563 Calvary Church Road, Gainesville, Georgia

Sample	Matrix	Date	Time	Arsenic	Barium	Chromium	Lead	Methylcyclohexane	Xylenes (total)	VOC	SVOC
RCP-1	Sludge	2/14/25	10:25 am	3.2	74	20	14	BDL ²	BDL	BDL	BDL
SD-1	Soil	2/14/25	10:40 am	2.6	120	12	7.7	0.0059	0.0143	BDL	BDL
HSRA Notification Concentration ³				41	500	1,200	400	N/A ⁴	20	Varies	Varies

1. All concentrations expressed in milligrams per kilogram (mg/Kg)
2. BDL Below Detection Levels
3. Notification Concentration as established by the Georgia Environmental Protection Division, Hazardous Site Response Act Appendix 1
4. N/A No current applicable threshold

TABLE 3

WATER SAMPLE ANALYSIS¹

1563 Calvary Church Road, Gainesville, Georgia

Sample	Matrix	Date	Time	pH	Specific Conductivity (mS/cm)	Turbidity (NTUs)	Arsenic	Barium	Chromium	Lead	VOC	SVOC
RP-1	Water	NS ²	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FP-1	Water	2/14/25	11:00 am	5.75	0.041	978	BDL ³	BDL	BDL	BDL	BDL	BDL
UP-1	Water	2/14/25	11:10 am	6.77	0.032	230	BDL	BDL	BDL	BDL	BDL	BDL
LP-1	Water	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
OP-1	Water	2/14/25	11:25 am	6.51	0.044	193	BDL	BDL	BDL	BDL	BDL	BDL
DS-1	Water	2/14/25	11:55 am	6.74	0.049	13.3	BDL	BDL	BDL	BDL	BDL	BDL
MCL/In-Stream Limit ⁴				6.0-8.5	None	None	0.010	2.0	0.1	0.0012	Varies	Varies

1. Concentrations for arsenic, barium, chromium, and lead expressed in milligrams per liter (mg/L)

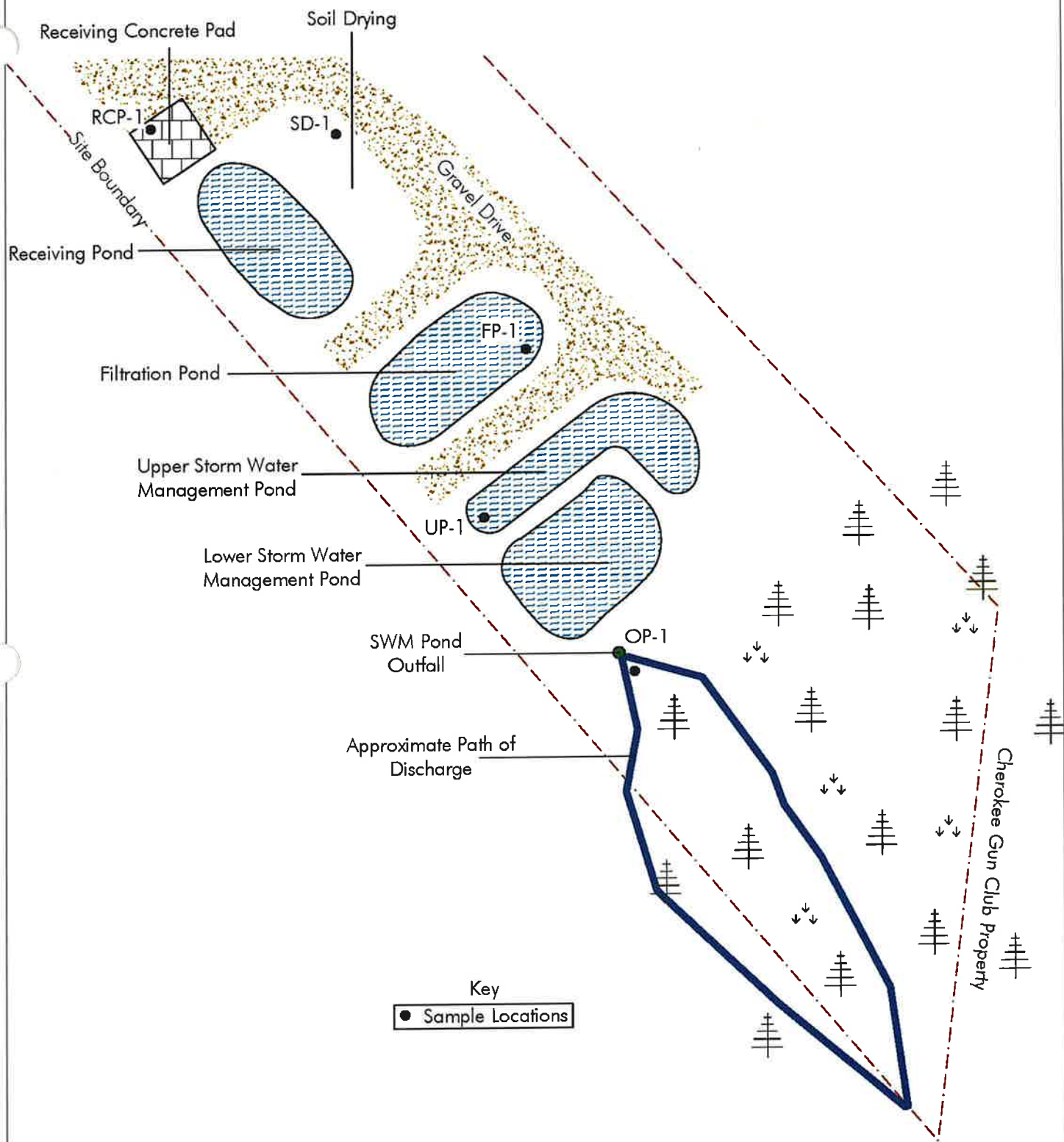
2. NS Not Sampled

3. BDL Below Detection Level

4. Maximum Contaminant Level for drinking water (U.S. EPA)/Most Stringent In-Stream Limit for surface water in Georgia (Georgia Rules For Water Quality Control, 391-3-6)

Note: Contaminant concentrations exceeding applicable thresholds are shown in bold.

ATTACHMENTS



LOGIC
ENVIRONMENTAL

SAMPLE LOCATIONS (ON SITE)

1563 Calvary Church Road
Gainesville, Georgia

Figure
1



LOGIC
ENVIRONMENTAL

SAMPLE LOCATION (DOWNSTREAM)

1563 Calvary Church Road
Gainesville, Georgia

Figure
2

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Ciara Seabolt
Logic Environmental
3400 McClure Bridge Rd
Suite 601A
Duluth, Georgia 30096

Generated 2/24/2025 12:14:09 PM

JOB DESCRIPTION

S153

JOB NUMBER

705-20876-1

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Mirzeta Kararic

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2/24/2025 12:14:09 PM

Authorized for release by
Mirzeta Kararic, Project Manager
mirzeta.kararic@et.eurofinsus.com
(770)457-8177



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Definitions/Glossary

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
✕	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Atlanta

3080 Presidential Dr
Atlanta, GA 30340

Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Clara Seabolt</u>		Lab PW: <u>Kararic, Mirzeta</u>		Carrier Tracking No(s):		COC No: <u>705-8620-4198.1</u>	
Client Contact: <u>Ms. Clara Seabolt</u>		Phone: <u>770-817-0212</u>		E-Mail: <u>mirzeta.kararic@eurofins.com</u>		State of Origin:		Page: <u>Page 1 of 1</u>	
Company: <u>Logic Environmental</u>		PWSID: <u>Standard</u>		Analysis Requested		Job #: <u>S153</u>		Preservation Codes:	
Address: <u>3400 McClure Bridge Rd Suite 801A</u>		TAT Requested (days): <u>TA</u>		Due Date Requested:		QR Code		705-20876 COC	
City: <u>Duluth</u>		Compliance Project: <u>Δ Yes Δ No</u>		PO #:		Purchase Order not required		Other:	
State, Zip: <u>GA, 30096</u>		WO #:		Project #:		Project Name:		Special Instructions/Note:	
Phone: <u>770-817-0212(Tel)</u>		SSOW#:		Sample Date		Sample Time		Total Number of Containers	
Email: <u>cseabolt@logicenvironmental.com</u>		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=oil, A=air)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months	
Project Name: <u>S153</u>		Sample Date		Sample Time		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Special Instructions/QC Requirements:	
Site: <u>1503 Calvary Church Rd, Gainesville, GA</u>		Sample Date		Sample Time		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Special Instructions/QC Requirements:	
Sample Identification		Sample Date		Sample Time		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Special Instructions/QC Requirements:	
RCP-1		2/14/25		1025		G		X X X	
RCP-1		2/14/25		1025		C		X X X	
SD-1		1040		1040		G		X X X	
SD-1		1100		1100		G		X X X	
FP-1		1110		1110		G		X X X	
VP-1		1125		1125		G		X X X	
DS-1		1155		1155		G		X X X	
trip blank						W		X	
Possible Hazard Identification		Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological ☐		Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by:		Date:	
Relinquished by: <u>Clara Seabolt</u>		Date/Time: <u>2/14/25 1400</u>		Company: <u>Logic</u>		Received by: <u>Christian Bairy</u>		Date/Time: <u>2/14/25 1400</u>	
Relinquished by: <u>Christian Bairy</u>		Date/Time: <u>2/14/25 323</u>		Company: <u>Logic</u>		Received by: <u>Logic</u>		Date/Time: <u>2/14/25 1515</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: <u>Δ Yes Δ No</u>		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>0.4# 2065</u>		Ver: 10/10/2023		Page 5 of 58	

Case Narrative

Client: Logic Environmental
Project: S153

Job ID: 705-20876-1

Job ID: 705-20876-1

Eurofins Atlanta

Job Narrative 705-20876-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/14/2025 3:23 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C.

GC/MS VOA

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 705-37258 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 705-37841 and analytical batch 705-37843 recovered outside control limits for the following analytes: Isopropylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-37228 and analytical batch 705-37768 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-37228 and analytical batch 705-37834 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270E: Surrogate recovery for the following samples were outside control limits: FP-1 (705-20876-5), UP-1 (705-20876-6), DP-1 (705-20876-7) and DS-1 (705-20876-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E: The laboratory control sample (LCS) associated with preparation batch 705-37120 and analytical batch 705-37460 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-37090 and analytical batch 705-37487 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The MS SD did pass.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Eurofins Atlanta

Case Narrative

Client: Logic Environmental
Project: S153

Job ID: 705-20876-1

Job ID: 705-20876-1 (Continued)

Eurofins Atlanta

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: RCP-1

Lab Sample ID: 705-20876-1

Date Collected: 02/14/25 10:25

Matrix: Solid

Date Received: 02/14/25 15:23

Percent Solids: 72.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,1,2,2-Tetrachloroethane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,1,2-Trichloroethane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,1-Dichloroethane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,1-Dichloroethene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,2,4-Trichlorobenzene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,2-Dibromo-3-Chloropropane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,2-Dichlorobenzene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,2-Dichloroethane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,2-Dichloropropane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,3-Dichlorobenzene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,4-Dichlorobenzene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
2-Butanone	ND		46	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
2-Hexanone	ND		9.1	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
4-Methyl-2-pentanone	ND		9.1	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Acetone	ND		91	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Benzene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Bromodichloromethane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Bromoform	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Bromomethane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Carbon disulfide	ND		9.1	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Carbon tetrachloride	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Chlorobenzene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Chloroethane	ND		9.1	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Chloroform	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Chloromethane	ND		9.1	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
cis-1,2-Dichloroethene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
cis-1,3-Dichloropropene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Cyclohexane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Dibromochloromethane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Dichlorodifluoromethane	ND		9.1	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Ethylbenzene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Freon-113	ND		9.1	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Isopropylbenzene	ND	++	4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
m-Xylene & p-Xylene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Methyl acetate	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Methyl tert-butyl ether	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Methylcyclohexane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Methylene Chloride	ND		18	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
o-Xylene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Styrene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Tetrachloroethene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Toluene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
trans-1,2-Dichloroethene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
trans-1,3-Dichloropropene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Trichloroethene	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Trichlorofluoromethane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Vinyl chloride	ND		9.1	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,2-Dichloroethene, Total	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: RCP-1

Lab Sample ID: 705-20876-1

Date Collected: 02/14/25 10:25

Matrix: Solid

Date Received: 02/14/25 15:23

Percent Solids: 72.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
1,2-Dibromoethane	ND		4.6	ug/Kg	✱	02/21/25 20:31	02/22/25 01:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		67 - 127			02/21/25 20:31	02/22/25 01:28	1
Dibromofluoromethane (Surr)	103		80 - 119			02/21/25 20:31	02/22/25 01:28	1
Toluene-d8 (Surr)	94		71 - 129			02/21/25 20:31	02/22/25 01:28	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2,4,5-Trichlorophenol	ND		2300	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2,4,6-Trichlorophenol	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2,4-Dichlorophenol	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2,4-Dimethylphenol	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2,4-Dinitrophenol	ND		2300	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2,4-Dinitrotoluene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2,6-Dinitrotoluene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2-Chloronaphthalene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2-Chlorophenol	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2-Methylnaphthalene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2-Methylphenol	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2-Nitroaniline	ND		2300	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
2-Nitrophenol	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
3 & 4 Methylphenol	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
3,3'-Dichlorobenzidine	ND		910	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
4,6-Dinitro-2-methylphenol	ND		2300	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
4-Bromophenyl phenyl ether	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
4-Chloro-3-methylphenol	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
4-Chloroaniline	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
4-Chlorophenyl phenyl ether	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
4-Nitroaniline	ND		2300	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
4-Nitrophenol	ND		2300	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Acenaphthene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Acenaphthylene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Acetophenone	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Anthracene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Atrazine	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Benzaldehyde	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Benzo[a]anthracene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Benzo[a]pyrene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Benzo[b]fluoranthene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Bis(2-chloroethoxy)methane	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Bis(2-chloroethyl)ether	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Bis(2-ethylhexyl) phthalate	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Butyl benzyl phthalate	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Caprolactam	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Carbazole	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Chrysene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Dibenz(a,h)anthracene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: RCP-1

Lab Sample ID: 705-20876-1

Date Collected: 02/14/25 10:25

Matrix: Solid

Date Received: 02/14/25 15:23

Percent Solids: 72.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Diethyl phthalate	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Dimethyl phthalate	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Di-n-butyl phthalate	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Di-n-octyl phthalate	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Fluoranthene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Fluorene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Hexachlorobenzene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Hexachlorobutadiene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Hexachlorocyclopentadiene	ND		910	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Hexachloroethane	ND		3600	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Indeno[1,2,3-cd]pyrene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Isophorone	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Naphthalene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Nitrobenzene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
N-Nitrosodi-n-propylamine	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
N-Nitrosodiphenylamine	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Pentachlorophenol	ND		2300	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Phenanthrene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Phenol	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1
Pyrene	ND		450	ug/Kg	✱	02/19/25 12:30	02/20/25 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	53		46 - 127	02/19/25 12:30	02/20/25 18:33	1
2-Fluorobiphenyl (Surr)	46	S1-	55 - 120	02/19/25 12:30	02/20/25 18:33	1
2-Fluorophenol (Surr)	39	S1-	44 - 120	02/19/25 12:30	02/20/25 18:33	1
Nitrobenzene-d5 (Surr)	38	S1-	45 - 120	02/19/25 12:30	02/20/25 18:33	1
Phenol-d5 (Surr)	40	S1-	47 - 120	02/19/25 12:30	02/20/25 18:33	1
p-Terphenyl-d14 (Surr)	50	S1-	54 - 120	02/19/25 12:30	02/20/25 18:33	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: RCP-1

Lab Sample ID: 705-20876-2

Date Collected: 02/14/25 10:25

Matrix: Solid

Date Received: 02/14/25 15:23

Percent Solids: 71.9

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		2.4	mg/Kg	*	02/19/25 12:40	02/20/25 13:02	1
Barium	74		4.7	mg/Kg	*	02/19/25 12:40	02/20/25 13:02	1
Cadmium	ND		2.4	mg/Kg	*	02/19/25 12:40	02/20/25 13:02	1
Chromium	20		2.4	mg/Kg	*	02/19/25 12:40	02/20/25 13:02	1
Lead	14		4.7	mg/Kg	*	02/19/25 12:40	02/20/25 13:02	1
Selenium	ND		3.3	mg/Kg	*	02/19/25 12:40	02/20/25 13:02	1
Silver	ND		2.4	mg/Kg	*	02/19/25 12:40	02/20/25 13:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	mg/Kg	*	02/20/25 11:29	02/20/25 16:54	1

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: SD-1

Lab Sample ID: 705-20876-3

Date Collected: 02/14/25 10:40

Matrix: Solid

Date Received: 02/14/25 15:23

Percent Solids: 70.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,1,2,2-Tetrachloroethane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,1,2-Trichloroethane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,1-Dichloroethane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,1-Dichloroethene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,2,4-Trichlorobenzene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,2-Dibromo-3-Chloropropane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,2-Dichlorobenzene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,2-Dichloroethane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,2-Dichloropropane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,3-Dichlorobenzene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,4-Dichlorobenzene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
2-Butanone	ND		47	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
2-Hexanone	ND		9.3	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
4-Methyl-2-pentanone	ND		9.3	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Acetone	ND		93	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Benzene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Bromodichloromethane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Bromoform	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Bromomethane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Carbon disulfide	ND		9.3	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Carbon tetrachloride	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Chlorobenzene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Chloroethane	ND		9.3	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Chloroform	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Chloromethane	ND		9.3	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
cis-1,2-Dichloroethene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
cis-1,3-Dichloropropene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Cyclohexane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Dibromochloromethane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Dichlorodifluoromethane	ND		9.3	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Ethylbenzene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Freon-113	ND		9.3	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Isopropylbenzene	ND	++	4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
m-Xylene & p-Xylene	7.4		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Methyl acetate	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Methyl tert-butyl ether	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Methylcyclohexane	5.9		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Methylene Chloride	ND		19	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
o-Xylene	6.9		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Styrene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Tetrachloroethene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Toluene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
trans-1,2-Dichloroethene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
trans-1,3-Dichloropropene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Trichloroethene	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Trichlorofluoromethane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Vinyl chloride	ND		9.3	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,2-Dichloroethene, Total	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: SD-1

Lab Sample ID: 705-20876-3

Date Collected: 02/14/25 10:40

Matrix: Solid

Date Received: 02/14/25 15:23

Percent Solids: 70.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	14		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
1,2-Dibromoethane	ND		4.7	ug/Kg	✱	02/21/25 20:31	02/22/25 01:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		67 - 127			02/21/25 20:31	02/22/25 01:52	1
Dibromofluoromethane (Surr)	97		80 - 119			02/21/25 20:31	02/22/25 01:52	1
Toluene-d8 (Surr)	95		71 - 129			02/21/25 20:31	02/22/25 01:52	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2,4,5-Trichlorophenol	ND		2400	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2,4,6-Trichlorophenol	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2,4-Dichlorophenol	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2,4-Dimethylphenol	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2,4-Dinitrophenol	ND		2400	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2,4-Dinitrotoluene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2,6-Dinitrotoluene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2-Chloronaphthalene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2-Chlorophenol	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2-Methylnaphthalene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2-Methylphenol	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2-Nitroaniline	ND		2400	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
2-Nitrophenol	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
3 & 4 Methylphenol	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
3,3'-Dichlorobenzidine	ND		940	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
4,6-Dinitro-2-methylphenol	ND		2400	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
4-Bromophenyl phenyl ether	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
4-Chloro-3-methylphenol	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
4-Chloroaniline	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
4-Chlorophenyl phenyl ether	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
4-Nitroaniline	ND		2400	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
4-Nitrophenol	ND		2400	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Acenaphthene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Acenaphthylene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Acetophenone	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Anthracene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Atrazine	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Benzaldehyde	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Benzo[a]anthracene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Benzo[a]pyrene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Benzo[b]fluoranthene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Bis(2-chloroethoxy)methane	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Bis(2-chloroethyl)ether	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Bis(2-ethylhexyl) phthalate	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Butyl benzyl phthalate	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Caprolactam	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Carbazole	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Chrysene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1
Dibenz(a,h)anthracene	ND		470	ug/Kg	✱	02/19/25 12:30	02/20/25 19:01	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: SD-1

Lab Sample ID: 705-20876-3

Date Collected: 02/14/25 10:40

Matrix: Solid

Date Received: 02/14/25 15:23

Percent Solids: 70.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Diethyl phthalate	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Dimethyl phthalate	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Di-n-butyl phthalate	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Di-n-octyl phthalate	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Fluoranthene	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Fluorene	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Hexachlorobenzene	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Hexachlorobutadiene	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Hexachlorocyclopentadiene	ND		940	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Hexachloroethane	ND		3800	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Indeno[1,2,3-cd]pyrene	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Isophorone	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Naphthalene	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Nitrobenzene	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
N-Nitrosodi-n-propylamine	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
N-Nitrosodiphenylamine	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Pentachlorophenol	ND		2400	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Phenanthrene	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Phenol	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1
Pyrene	ND		470	ug/Kg	*	02/19/25 12:30	02/20/25 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	88		46 - 127	02/19/25 12:30	02/20/25 19:01	1
2-Fluorobiphenyl (Surr)	70		55 - 120	02/19/25 12:30	02/20/25 19:01	1
2-Fluorophenol (Surr)	62		44 - 120	02/19/25 12:30	02/20/25 19:01	1
Nitrobenzene-d5 (Surr)	58		45 - 120	02/19/25 12:30	02/20/25 19:01	1
Phenol-d5 (Surr)	64		47 - 120	02/19/25 12:30	02/20/25 19:01	1
p-Terphenyl-d14 (Surr)	77		54 - 120	02/19/25 12:30	02/20/25 19:01	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: SD-1

Lab Sample ID: 705-20876-4

Date Collected: 02/14/25 10:40

Matrix: Solid

Date Received: 02/14/25 15:23

Percent Solids: 70.8

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.7	mg/Kg	✱	02/19/25 12:40	02/20/25 13:05	1
Barium	220		5.4	mg/Kg	✱	02/19/25 12:40	02/20/25 13:05	1
Cadmium	ND		2.7	mg/Kg	✱	02/19/25 12:40	02/20/25 13:05	1
Chromium	8.2		2.7	mg/Kg	✱	02/19/25 12:40	02/20/25 13:05	1
Lead	6.1		5.4	mg/Kg	✱	02/19/25 12:40	02/20/25 13:05	1
Selenium	ND		3.8	mg/Kg	✱	02/19/25 12:40	02/20/25 13:05	1
Silver	ND		2.7	mg/Kg	✱	02/19/25 12:40	02/20/25 13:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	mg/Kg	✱	02/20/25 11:29	02/20/25 16:58	1

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: FP-1

Lab Sample ID: 705-20876-5

Date Collected: 02/14/25 11:00

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	ug/L			02/20/25 06:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			02/20/25 06:27	1
1,1,2-Trichloroethane	ND		5.0	ug/L			02/20/25 06:27	1
1,1-Dichloroethane	ND		5.0	ug/L			02/20/25 06:27	1
1,1-Dichloroethene	ND		5.0	ug/L			02/20/25 06:27	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			02/20/25 06:27	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			02/20/25 06:27	1
1,2-Dichlorobenzene	ND		5.0	ug/L			02/20/25 06:27	1
1,2-Dichloroethane	ND		5.0	ug/L			02/20/25 06:27	1
1,2-Dichloropropane	ND		5.0	ug/L			02/20/25 06:27	1
1,3-Dichlorobenzene	ND		5.0	ug/L			02/20/25 06:27	1
1,4-Dichlorobenzene	ND		5.0	ug/L			02/20/25 06:27	1
2-Butanone	ND		50	ug/L			02/20/25 06:27	1
2-Hexanone	ND		10	ug/L			02/20/25 06:27	1
4-Methyl-2-pentanone	ND		10	ug/L			02/20/25 06:27	1
Acetone	ND		50	ug/L			02/20/25 06:27	1
Benzene	ND		5.0	ug/L			02/20/25 06:27	1
Bromodichloromethane	ND		5.0	ug/L			02/20/25 06:27	1
Bromoform	ND		5.0	ug/L			02/20/25 06:27	1
Bromomethane	ND		5.0	ug/L			02/20/25 06:27	1
Carbon disulfide	ND		5.0	ug/L			02/20/25 06:27	1
Carbon tetrachloride	ND		5.0	ug/L			02/20/25 06:27	1
Chlorobenzene	ND		5.0	ug/L			02/20/25 06:27	1
Chloroethane	ND		10	ug/L			02/20/25 06:27	1
Chloroform	ND		5.0	ug/L			02/20/25 06:27	1
Chloromethane	ND		10	ug/L			02/20/25 06:27	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 06:27	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 06:27	1
Cyclohexane	ND		5.0	ug/L			02/20/25 06:27	1
Dibromochloromethane	ND		5.0	ug/L			02/20/25 06:27	1
Dichlorodifluoromethane	ND		10	ug/L			02/20/25 06:27	1
Ethylbenzene	ND		5.0	ug/L			02/20/25 06:27	1
Freon-113	ND		10	ug/L			02/20/25 06:27	1
Isopropylbenzene	ND		5.0	ug/L			02/20/25 06:27	1
m-Xylene & p-Xylene	ND		5.0	ug/L			02/20/25 06:27	1
Methyl acetate	ND		5.0	ug/L			02/20/25 06:27	1
Methyl tert-butyl ether	ND		5.0	ug/L			02/20/25 06:27	1
Methylcyclohexane	ND		5.0	ug/L			02/20/25 06:27	1
Methylene Chloride	ND		5.0	ug/L			02/20/25 06:27	1
o-Xylene	ND		5.0	ug/L			02/20/25 06:27	1
Styrene	ND		5.0	ug/L			02/20/25 06:27	1
Tetrachloroethene	ND		5.0	ug/L			02/20/25 06:27	1
Toluene	ND		5.0	ug/L			02/20/25 06:27	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 06:27	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 06:27	1
Trichloroethene	ND		5.0	ug/L			02/20/25 06:27	1
Trichlorofluoromethane	ND		5.0	ug/L			02/20/25 06:27	1
Vinyl chloride	ND		5.0	ug/L			02/20/25 06:27	1
1,2-Dichloroethene, Total	ND		5.0	ug/L			02/20/25 06:27	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: FP-1

Lab Sample ID: 705-20876-5

Date Collected: 02/14/25 11:00

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		5.0	ug/L			02/20/25 06:27	1
1,2-Dibromoethane	ND		5.0	ug/L			02/20/25 06:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 126				02/20/25 06:27	1
Dibromofluoromethane (Surr)	99		77 - 121				02/20/25 06:27	1
Toluene-d8 (Surr)	103		79 - 119				02/20/25 06:27	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
2,4,5-Trichlorophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 22:49	1
2,4,6-Trichlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
2,4-Dichlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
2,4-Dimethylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
2,4-Dinitrophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 22:49	1
2,4-Dinitrotoluene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
2,6-Dinitrotoluene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
2-Chloronaphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
2-Chlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
2-Methylnaphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
2-Methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
2-Nitroaniline	ND		50	ug/L		02/20/25 12:40	02/21/25 22:49	1
2-Nitrophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
3 & 4 Methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
3,3'-Dichlorobenzidine	ND		20	ug/L		02/20/25 12:40	02/21/25 22:49	1
4,6-Dinitro-2-methylphenol	ND		25	ug/L		02/20/25 12:40	02/21/25 22:49	1
4-Bromophenyl phenyl ether	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
4-Chloro-3-methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
4-Chloroaniline	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
4-Chlorophenyl phenyl ether	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
4-Nitroaniline	ND		25	ug/L		02/20/25 12:40	02/21/25 22:49	1
4-Nitrophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 22:49	1
Acenaphthene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Acenaphthylene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Acetophenone	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Atrazine	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Benzaldehyde	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Benzo[a]anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Benzo[a]pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Benzo[b]fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Bis(2-chloroethoxy)methane	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Bis(2-chloroethyl)ether	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Bis(2-ethylhexyl) phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Butyl benzyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Caprolactam	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Carbazole	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Chrysene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Dibenz(a,h)anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: FP-1

Lab Sample ID: 705-20876-5

Date Collected: 02/14/25 11:00

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Diethyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Dimethyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Di-n-butyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Di-n-octyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Fluorene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Hexachlorobenzene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Hexachlorobutadiene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Hexachlorocyclopentadiene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Hexachloroethane	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Indeno[1,2,3-cd]pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Isophorone	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Naphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Nitrobenzene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
N-Nitrosodi-n-propylamine	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
N-Nitrosodiphenylamine	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Pentachlorophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 22:49	1
Phenanthrene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Phenol	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Bis(2-chloroisopropyl) ether	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Benzo[g,h,i]perylene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
Benzo[k]fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 22:49	1
3-Nitroaniline	ND		25	ug/L		02/20/25 12:40	02/21/25 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		53 - 132	02/20/25 12:40	02/21/25 22:49	1
2-Fluorobiphenyl (Surr)	48		48 - 126	02/20/25 12:40	02/21/25 22:49	1
2-Fluorophenol (Surr)	19	S1-	29 - 120	02/20/25 12:40	02/21/25 22:49	1
Nitrobenzene-d5 (Surr)	46		41 - 129	02/20/25 12:40	02/21/25 22:49	1
Phenol-d5 (Surr)	10	S1-	21 - 120	02/20/25 12:40	02/21/25 22:49	1
p-Terphenyl-d14 (Surr)	51		48 - 130	02/20/25 12:40	02/21/25 22:49	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L			02/19/25 17:45	1
Barium	ND		0.020	mg/L			02/19/25 17:45	1
Cadmium	ND		0.0050	mg/L			02/19/25 17:45	1
Chromium	ND		0.010	mg/L			02/19/25 17:45	1
Lead	ND		0.010	mg/L			02/19/25 17:45	1
Selenium	ND		0.020	mg/L			02/19/25 17:45	1
Silver	ND		0.010	mg/L			02/19/25 17:45	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		02/21/25 13:26	02/21/25 17:33	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: UP-1

Lab Sample ID: 705-20876-6

Date Collected: 02/14/25 11:10

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	ug/L			02/20/25 06:52	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			02/20/25 06:52	1
1,1,2-Trichloroethane	ND		5.0	ug/L			02/20/25 06:52	1
1,1-Dichloroethane	ND		5.0	ug/L			02/20/25 06:52	1
1,1-Dichloroethene	ND		5.0	ug/L			02/20/25 06:52	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			02/20/25 06:52	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			02/20/25 06:52	1
1,2-Dichlorobenzene	ND		5.0	ug/L			02/20/25 06:52	1
1,2-Dichloroethane	ND		5.0	ug/L			02/20/25 06:52	1
1,2-Dichloropropane	ND		5.0	ug/L			02/20/25 06:52	1
1,3-Dichlorobenzene	ND		5.0	ug/L			02/20/25 06:52	1
1,4-Dichlorobenzene	ND		5.0	ug/L			02/20/25 06:52	1
2-Butanone	ND		50	ug/L			02/20/25 06:52	1
2-Hexanone	ND		10	ug/L			02/20/25 06:52	1
4-Methyl-2-pentanone	ND		10	ug/L			02/20/25 06:52	1
Acetone	ND		50	ug/L			02/20/25 06:52	1
Benzene	ND		5.0	ug/L			02/20/25 06:52	1
Bromodichloromethane	ND		5.0	ug/L			02/20/25 06:52	1
Bromoform	ND		5.0	ug/L			02/20/25 06:52	1
Bromomethane	ND		5.0	ug/L			02/20/25 06:52	1
Carbon disulfide	ND		5.0	ug/L			02/20/25 06:52	1
Carbon tetrachloride	ND		5.0	ug/L			02/20/25 06:52	1
Chlorobenzene	ND		5.0	ug/L			02/20/25 06:52	1
Chloroethane	ND		10	ug/L			02/20/25 06:52	1
Chloroform	ND		5.0	ug/L			02/20/25 06:52	1
Chloromethane	ND		10	ug/L			02/20/25 06:52	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 06:52	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 06:52	1
Cyclohexane	ND		5.0	ug/L			02/20/25 06:52	1
Dibromochloromethane	ND		5.0	ug/L			02/20/25 06:52	1
Dichlorodifluoromethane	ND		10	ug/L			02/20/25 06:52	1
Ethylbenzene	ND		5.0	ug/L			02/20/25 06:52	1
Freon-113	ND		10	ug/L			02/20/25 06:52	1
Isopropylbenzene	ND		5.0	ug/L			02/20/25 06:52	1
m-Xylene & p-Xylene	ND		5.0	ug/L			02/20/25 06:52	1
Methyl acetate	ND		5.0	ug/L			02/20/25 06:52	1
Methyl tert-butyl ether	ND		5.0	ug/L			02/20/25 06:52	1
Methylcyclohexane	ND		5.0	ug/L			02/20/25 06:52	1
Methylene Chloride	ND		5.0	ug/L			02/20/25 06:52	1
o-Xylene	ND		5.0	ug/L			02/20/25 06:52	1
Styrene	ND		5.0	ug/L			02/20/25 06:52	1
Tetrachloroethene	ND		5.0	ug/L			02/20/25 06:52	1
Toluene	ND		5.0	ug/L			02/20/25 06:52	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 06:52	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 06:52	1
Trichloroethene	ND		5.0	ug/L			02/20/25 06:52	1
Trichlorofluoromethane	ND		5.0	ug/L			02/20/25 06:52	1
Vinyl chloride	ND		5.0	ug/L			02/20/25 06:52	1
1,2-Dichloroethene, Total	ND		5.0	ug/L			02/20/25 06:52	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: UP-1

Lab Sample ID: 705-20876-6

Date Collected: 02/14/25 11:10

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		5.0	ug/L			02/20/25 06:52	1
1,2-Dibromoethane	ND		5.0	ug/L			02/20/25 06:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		02/20/25 06:52	1
Dibromofluoromethane (Surr)	99		77 - 121		02/20/25 06:52	1
Toluene-d8 (Surr)	103		79 - 119		02/20/25 06:52	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
2,4,5-Trichlorophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 23:17	1
2,4,6-Trichlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
2,4-Dichlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
2,4-Dimethylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
2,4-Dinitrophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 23:17	1
2,4-Dinitrotoluene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
2,6-Dinitrotoluene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
2-Chloronaphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
2-Chlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
2-Methylnaphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
2-Methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
2-Nitroaniline	ND		50	ug/L		02/20/25 12:40	02/21/25 23:17	1
2-Nitrophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
3 & 4 Methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
3,3'-Dichlorobenzidine	ND		20	ug/L		02/20/25 12:40	02/21/25 23:17	1
4,6-Dinitro-2-methylphenol	ND		25	ug/L		02/20/25 12:40	02/21/25 23:17	1
4-Bromophenyl phenyl ether	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
4-Chloro-3-methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
4-Chloroaniline	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
4-Chlorophenyl phenyl ether	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
4-Nitroaniline	ND		25	ug/L		02/20/25 12:40	02/21/25 23:17	1
4-Nitrophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 23:17	1
Acenaphthene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Acenaphthylene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Acetophenone	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Atrazine	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Benzaldehyde	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Benzo[a]anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Benzo[a]pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Benzo[b]fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Bis(2-chloroethoxy)methane	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Bis(2-chloroethyl)ether	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Bis(2-ethylhexyl) phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Butyl benzyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Caprolactam	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Carbazole	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Chrysene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Dibenz(a,h)anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: UP-1

Lab Sample ID: 705-20876-6

Date Collected: 02/14/25 11:10

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Diethyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Dimethyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Di-n-butyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Di-n-octyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Fluorene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Hexachlorobenzene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Hexachlorobutadiene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Hexachlorocyclopentadiene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Hexachloroethane	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Indeno[1,2,3-cd]pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Isophorone	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Naphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Nitrobenzene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
N-Nitrosodi-n-propylamine	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
N-Nitrosodiphenylamine	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Pentachlorophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 23:17	1
Phenanthrene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Phenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Bis(2-chloroisopropyl) ether	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Benzo[g,h,i]perylene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
Benzo[k]fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:17	1
3-Nitroaniline	ND		25	ug/L		02/20/25 12:40	02/21/25 23:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		53 - 132	02/20/25 12:40	02/21/25 23:17	1
2-Fluorobiphenyl (Surr)	67		48 - 126	02/20/25 12:40	02/21/25 23:17	1
2-Fluorophenol (Surr)	23	S1-	29 - 120	02/20/25 12:40	02/21/25 23:17	1
Nitrobenzene-d5 (Surr)	64		41 - 129	02/20/25 12:40	02/21/25 23:17	1
Phenol-d5 (Surr)	12	S1-	21 - 120	02/20/25 12:40	02/21/25 23:17	1
p-Terphenyl-d14 (Surr)	36	S1-	48 - 130	02/20/25 12:40	02/21/25 23:17	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L			02/19/25 17:48	1
Barium	ND		0.020	mg/L			02/19/25 17:48	1
Cadmium	ND		0.0050	mg/L			02/19/25 17:48	1
Chromium	ND		0.010	mg/L			02/19/25 17:48	1
Lead	ND		0.010	mg/L			02/19/25 17:48	1
Selenium	ND		0.020	mg/L			02/19/25 17:48	1
Silver	ND		0.010	mg/L			02/19/25 17:48	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		02/21/25 13:26	02/21/25 17:37	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: DP-1

Lab Sample ID: 705-20876-7

Date Collected: 02/14/25 11:25

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	ug/L			02/20/25 07:16	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			02/20/25 07:16	1
1,1,2-Trichloroethane	ND		5.0	ug/L			02/20/25 07:16	1
1,1-Dichloroethane	ND		5.0	ug/L			02/20/25 07:16	1
1,1-Dichloroethene	ND		5.0	ug/L			02/20/25 07:16	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			02/20/25 07:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			02/20/25 07:16	1
1,2-Dichlorobenzene	ND		5.0	ug/L			02/20/25 07:16	1
1,2-Dichloroethane	ND		5.0	ug/L			02/20/25 07:16	1
1,2-Dichloropropane	ND		5.0	ug/L			02/20/25 07:16	1
1,3-Dichlorobenzene	ND		5.0	ug/L			02/20/25 07:16	1
1,4-Dichlorobenzene	ND		5.0	ug/L			02/20/25 07:16	1
2-Butanone	ND		50	ug/L			02/20/25 07:16	1
2-Hexanone	ND		10	ug/L			02/20/25 07:16	1
4-Methyl-2-pentanone	ND		10	ug/L			02/20/25 07:16	1
Acetone	ND		50	ug/L			02/20/25 07:16	1
Benzene	ND		5.0	ug/L			02/20/25 07:16	1
Bromodichloromethane	ND		5.0	ug/L			02/20/25 07:16	1
Bromoform	ND		5.0	ug/L			02/20/25 07:16	1
Bromomethane	ND		5.0	ug/L			02/20/25 07:16	1
Carbon disulfide	ND		5.0	ug/L			02/20/25 07:16	1
Carbon tetrachloride	ND		5.0	ug/L			02/20/25 07:16	1
Chlorobenzene	ND		5.0	ug/L			02/20/25 07:16	1
Chloroethane	ND		10	ug/L			02/20/25 07:16	1
Chloroform	ND		5.0	ug/L			02/20/25 07:16	1
Chloromethane	ND		10	ug/L			02/20/25 07:16	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 07:16	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 07:16	1
Cyclohexane	ND		5.0	ug/L			02/20/25 07:16	1
Dibromochloromethane	ND		5.0	ug/L			02/20/25 07:16	1
Dichlorodifluoromethane	ND		10	ug/L			02/20/25 07:16	1
Ethylbenzene	ND		5.0	ug/L			02/20/25 07:16	1
Freon-113	ND		10	ug/L			02/20/25 07:16	1
Isopropylbenzene	ND		5.0	ug/L			02/20/25 07:16	1
m-Xylene & p-Xylene	ND		5.0	ug/L			02/20/25 07:16	1
Methyl acetate	ND		5.0	ug/L			02/20/25 07:16	1
Methyl tert-butyl ether	ND		5.0	ug/L			02/20/25 07:16	1
Methylcyclohexane	ND		5.0	ug/L			02/20/25 07:16	1
Methylene Chloride	ND		5.0	ug/L			02/20/25 07:16	1
o-Xylene	ND		5.0	ug/L			02/20/25 07:16	1
Styrene	ND		5.0	ug/L			02/20/25 07:16	1
Tetrachloroethene	ND		5.0	ug/L			02/20/25 07:16	1
Toluene	ND		5.0	ug/L			02/20/25 07:16	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 07:16	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 07:16	1
Trichloroethene	ND		5.0	ug/L			02/20/25 07:16	1
Trichlorofluoromethane	ND		5.0	ug/L			02/20/25 07:16	1
Vinyl chloride	ND		5.0	ug/L			02/20/25 07:16	1
1,2-Dichloroethene, Total	ND		5.0	ug/L			02/20/25 07:16	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: DP-1

Lab Sample ID: 705-20876-7

Date Collected: 02/14/25 11:25

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		5.0	ug/L			02/20/25 07:16	1
1,2-Dibromoethane	ND		5.0	ug/L			02/20/25 07:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 126				02/20/25 07:16	1
Dibromofluoromethane (Surr)	100		77 - 121				02/20/25 07:16	1
Toluene-d8 (Surr)	102		79 - 119				02/20/25 07:16	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
2,4,5-Trichlorophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 23:45	1
2,4,6-Trichlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
2,4-Dichlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
2,4-Dimethylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
2,4-Dinitrophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 23:45	1
2,4-Dinitrotoluene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
2,6-Dinitrotoluene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
2-Chloronaphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
2-Chlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
2-Methylnaphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
2-Methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
2-Nitroaniline	ND		50	ug/L		02/20/25 12:40	02/21/25 23:45	1
2-Nitrophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
3 & 4 Methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
3,3'-Dichlorobenzidine	ND		20	ug/L		02/20/25 12:40	02/21/25 23:45	1
4,6-Dinitro-2-methylphenol	ND		25	ug/L		02/20/25 12:40	02/21/25 23:45	1
4-Bromophenyl phenyl ether	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
4-Chloro-3-methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
4-Chloroaniline	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
4-Chlorophenyl phenyl ether	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
4-Nitroaniline	ND		25	ug/L		02/20/25 12:40	02/21/25 23:45	1
4-Nitrophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 23:45	1
Acenaphthene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Acenaphthylene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Acetophenone	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Atrazine	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Benzaldehyde	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Benzo[a]anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Benzo[a]pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Benzo[b]fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Bis(2-chloroethoxy)methane	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Bis(2-chloroethyl)ether	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Bis(2-ethylhexyl) phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Butyl benzyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Caprolactam	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Carbazole	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Chrysene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Dibenz(a,h)anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: DP-1

Lab Sample ID: 705-20876-7

Date Collected: 02/14/25 11:25

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Diethyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Dimethyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Di-n-butyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Di-n-octyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Fluorene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Hexachlorobenzene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Hexachlorobutadiene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Hexachlorocyclopentadiene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Hexachloroethane	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Indeno[1,2,3-cd]pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Isophorone	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Naphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Nitrobenzene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
N-Nitrosodi-n-propylamine	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
N-Nitrosodiphenylamine	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Pentachlorophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 23:45	1
Phenanthrene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Phenol	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Bis(2-chloroisopropyl) ether	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Benzo[g,h,i]perylene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
Benzo[k]fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 23:45	1
3-Nitroaniline	ND		25	ug/L		02/20/25 12:40	02/21/25 23:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		53 - 132	02/20/25 12:40	02/21/25 23:45	1
2-Fluorobiphenyl (Surr)	74		48 - 126	02/20/25 12:40	02/21/25 23:45	1
2-Fluorophenol (Surr)	28	S1-	29 - 120	02/20/25 12:40	02/21/25 23:45	1
Nitrobenzene-d5 (Surr)	74		41 - 129	02/20/25 12:40	02/21/25 23:45	1
Phenol-d5 (Surr)	14	S1-	21 - 120	02/20/25 12:40	02/21/25 23:45	1
p-Terphenyl-d14 (Surr)	46	S1-	48 - 130	02/20/25 12:40	02/21/25 23:45	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L			02/19/25 17:51	1
Barium	ND		0.020	mg/L			02/19/25 17:51	1
Cadmium	ND		0.0050	mg/L			02/19/25 17:51	1
Chromium	ND		0.010	mg/L			02/19/25 17:51	1
Lead	ND		0.010	mg/L			02/19/25 17:51	1
Selenium	ND		0.020	mg/L			02/19/25 17:51	1
Silver	ND		0.010	mg/L			02/19/25 17:51	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		02/21/25 13:26	02/21/25 17:41	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: DS-1

Lab Sample ID: 705-20876-8

Date Collected: 02/14/25 11:55

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	ug/L			02/20/25 06:03	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			02/20/25 06:03	1
1,1,2-Trichloroethane	ND		5.0	ug/L			02/20/25 06:03	1
1,1-Dichloroethane	ND		5.0	ug/L			02/20/25 06:03	1
1,1-Dichloroethene	ND		5.0	ug/L			02/20/25 06:03	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			02/20/25 06:03	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			02/20/25 06:03	1
1,2-Dichlorobenzene	ND		5.0	ug/L			02/20/25 06:03	1
1,2-Dichloroethane	ND		5.0	ug/L			02/20/25 06:03	1
1,2-Dichloropropane	ND		5.0	ug/L			02/20/25 06:03	1
1,3-Dichlorobenzene	ND		5.0	ug/L			02/20/25 06:03	1
1,4-Dichlorobenzene	ND		5.0	ug/L			02/20/25 06:03	1
2-Butanone	ND		50	ug/L			02/20/25 06:03	1
2-Hexanone	ND		10	ug/L			02/20/25 06:03	1
4-Methyl-2-pentanone	ND		10	ug/L			02/20/25 06:03	1
Acetone	ND		50	ug/L			02/20/25 06:03	1
Benzene	ND		5.0	ug/L			02/20/25 06:03	1
Bromodichloromethane	ND		5.0	ug/L			02/20/25 06:03	1
Bromoform	ND		5.0	ug/L			02/20/25 06:03	1
Bromomethane	ND		5.0	ug/L			02/20/25 06:03	1
Carbon disulfide	ND		5.0	ug/L			02/20/25 06:03	1
Carbon tetrachloride	ND		5.0	ug/L			02/20/25 06:03	1
Chlorobenzene	ND		5.0	ug/L			02/20/25 06:03	1
Chloroethane	ND		10	ug/L			02/20/25 06:03	1
Chloroform	ND		5.0	ug/L			02/20/25 06:03	1
Chloromethane	ND		10	ug/L			02/20/25 06:03	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 06:03	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 06:03	1
Cyclohexane	ND		5.0	ug/L			02/20/25 06:03	1
Dibromochloromethane	ND		5.0	ug/L			02/20/25 06:03	1
Dichlorodifluoromethane	ND		10	ug/L			02/20/25 06:03	1
Ethylbenzene	ND		5.0	ug/L			02/20/25 06:03	1
Freon-113	ND		10	ug/L			02/20/25 06:03	1
Isopropylbenzene	ND		5.0	ug/L			02/20/25 06:03	1
m-Xylene & p-Xylene	ND		5.0	ug/L			02/20/25 06:03	1
Methyl acetate	ND		5.0	ug/L			02/20/25 06:03	1
Methyl tert-butyl ether	ND		5.0	ug/L			02/20/25 06:03	1
Methylcyclohexane	ND		5.0	ug/L			02/20/25 06:03	1
Methylene Chloride	ND		5.0	ug/L			02/20/25 06:03	1
o-Xylene	ND		5.0	ug/L			02/20/25 06:03	1
Styrene	ND		5.0	ug/L			02/20/25 06:03	1
Tetrachloroethene	ND		5.0	ug/L			02/20/25 06:03	1
Toluene	ND		5.0	ug/L			02/20/25 06:03	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 06:03	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 06:03	1
Trichloroethene	ND		5.0	ug/L			02/20/25 06:03	1
Trichlorofluoromethane	ND		5.0	ug/L			02/20/25 06:03	1
Vinyl chloride	ND		5.0	ug/L			02/20/25 06:03	1
1,2-Dichloroethene, Total	ND		5.0	ug/L			02/20/25 06:03	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: DS-1

Lab Sample ID: 705-20876-8

Date Collected: 02/14/25 11:55

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		5.0	ug/L			02/20/25 06:03	1
1,2-Dibromoethane	ND		5.0	ug/L			02/20/25 06:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 126				02/20/25 06:03	1
Dibromofluoromethane (Surr)	97		77 - 121				02/20/25 06:03	1
Toluene-d8 (Surr)	103		79 - 119				02/20/25 06:03	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
2,4,5-Trichlorophenol	ND		25	ug/L		02/20/25 12:40	02/22/25 00:13	1
2,4,6-Trichlorophenol	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
2,4-Dichlorophenol	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
2,4-Dimethylphenol	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
2,4-Dinitrophenol	ND		25	ug/L		02/20/25 12:40	02/22/25 00:13	1
2,4-Dinitrotoluene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
2,6-Dinitrotoluene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
2-Chloronaphthalene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
2-Chlorophenol	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
2-Methylnaphthalene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
2-Methylphenol	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
2-Nitroaniline	ND		50	ug/L		02/20/25 12:40	02/22/25 00:13	1
2-Nitrophenol	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
3 & 4 Methylphenol	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
3,3'-Dichlorobenzidine	ND		20	ug/L		02/20/25 12:40	02/22/25 00:13	1
4,6-Dinitro-2-methylphenol	ND		25	ug/L		02/20/25 12:40	02/22/25 00:13	1
4-Bromophenyl phenyl ether	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
4-Chloro-3-methylphenol	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
4-Chloroaniline	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
4-Chlorophenyl phenyl ether	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
4-Nitroaniline	ND		25	ug/L		02/20/25 12:40	02/22/25 00:13	1
4-Nitrophenol	ND		25	ug/L		02/20/25 12:40	02/22/25 00:13	1
Acenaphthene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Acenaphthylene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Acetophenone	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Anthracene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Atrazine	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Benzaldehyde	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Benzo[a]anthracene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Benzo[a]pyrene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Benzo[b]fluoranthene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Bis(2-chloroethoxy)methane	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Bis(2-chloroethyl)ether	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Bis(2-ethylhexyl) phthalate	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Butyl benzyl phthalate	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Caprolactam	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Carbazole	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Chrysene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Dibenz(a,h)anthracene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1

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Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: DS-1

Lab Sample ID: 705-20876-8

Date Collected: 02/14/25 11:55

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Diethyl phthalate	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Dimethyl phthalate	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Di-n-butyl phthalate	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Di-n-octyl phthalate	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Fluoranthene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Fluorene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Hexachlorobenzene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Hexachlorobutadiene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Hexachlorocyclopentadiene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Hexachloroethane	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Indeno[1,2,3-cd]pyrene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Isophorone	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Naphthalene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Nitrobenzene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
N-Nitrosodi-n-propylamine	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
N-Nitrosodiphenylamine	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Pentachlorophenol	ND		25	ug/L		02/20/25 12:40	02/22/25 00:13	1
Phenanthrene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Phenol	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Pyrene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Bis(2-chloroisopropyl) ether	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Benzo[g,h,i]perylene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
Benzo[k]fluoranthene	ND		10	ug/L		02/20/25 12:40	02/22/25 00:13	1
3-Nitroaniline	ND		25	ug/L		02/20/25 12:40	02/22/25 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	37	S1-	53 - 132	02/20/25 12:40	02/22/25 00:13	1
2-Fluorobiphenyl (Surr)	64		48 - 126	02/20/25 12:40	02/22/25 00:13	1
2-Fluorophenol (Surr)	16	S1-	29 - 120	02/20/25 12:40	02/22/25 00:13	1
Nitrobenzene-d5 (Surr)	65		41 - 129	02/20/25 12:40	02/22/25 00:13	1
Phenol-d5 (Surr)	13	S1-	21 - 120	02/20/25 12:40	02/22/25 00:13	1
p-Terphenyl-d14 (Surr)	69		48 - 130	02/20/25 12:40	02/22/25 00:13	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L			02/19/25 17:54	1
Barium	ND		0.020	mg/L			02/19/25 17:54	1
Cadmium	ND		0.0050	mg/L			02/19/25 17:54	1
Chromium	ND		0.010	mg/L			02/19/25 17:54	1
Lead	ND		0.010	mg/L			02/19/25 17:54	1
Selenium	ND		0.020	mg/L			02/19/25 17:54	1
Silver	ND		0.010	mg/L			02/19/25 17:54	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		02/21/25 13:26	02/21/25 17:45	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: Trip Blank

Lab Sample ID: 705-20876-9

Date Collected: 02/14/25 00:00

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	ug/L			02/20/25 04:28	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			02/20/25 04:28	1
1,1,2-Trichloroethane	ND		5.0	ug/L			02/20/25 04:28	1
1,1-Dichloroethane	ND		5.0	ug/L			02/20/25 04:28	1
1,1-Dichloroethene	ND		5.0	ug/L			02/20/25 04:28	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			02/20/25 04:28	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			02/20/25 04:28	1
1,2-Dichlorobenzene	ND		5.0	ug/L			02/20/25 04:28	1
1,2-Dichloroethane	ND		5.0	ug/L			02/20/25 04:28	1
1,2-Dichloropropane	ND		5.0	ug/L			02/20/25 04:28	1
1,3-Dichlorobenzene	ND		5.0	ug/L			02/20/25 04:28	1
1,4-Dichlorobenzene	ND		5.0	ug/L			02/20/25 04:28	1
2-Butanone	ND		50	ug/L			02/20/25 04:28	1
2-Hexanone	ND		10	ug/L			02/20/25 04:28	1
4-Methyl-2-pentanone	ND		10	ug/L			02/20/25 04:28	1
Acetone	ND		50	ug/L			02/20/25 04:28	1
Benzene	ND		5.0	ug/L			02/20/25 04:28	1
Bromodichloromethane	ND		5.0	ug/L			02/20/25 04:28	1
Bromoform	ND		5.0	ug/L			02/20/25 04:28	1
Bromomethane	ND		5.0	ug/L			02/20/25 04:28	1
Carbon disulfide	ND		5.0	ug/L			02/20/25 04:28	1
Carbon tetrachloride	ND		5.0	ug/L			02/20/25 04:28	1
Chlorobenzene	ND		5.0	ug/L			02/20/25 04:28	1
Chloroethane	ND		10	ug/L			02/20/25 04:28	1
Chloroform	ND		5.0	ug/L			02/20/25 04:28	1
Chloromethane	ND		10	ug/L			02/20/25 04:28	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 04:28	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 04:28	1
Cyclohexane	ND		5.0	ug/L			02/20/25 04:28	1
Dibromochloromethane	ND		5.0	ug/L			02/20/25 04:28	1
Dichlorodifluoromethane	ND		10	ug/L			02/20/25 04:28	1
Ethylbenzene	ND		5.0	ug/L			02/20/25 04:28	1
Freon-113	ND		10	ug/L			02/20/25 04:28	1
Isopropylbenzene	ND		5.0	ug/L			02/20/25 04:28	1
m-Xylene & p-Xylene	ND		5.0	ug/L			02/20/25 04:28	1
Methyl acetate	ND		5.0	ug/L			02/20/25 04:28	1
Methyl tert-butyl ether	ND		5.0	ug/L			02/20/25 04:28	1
Methylcyclohexane	ND		5.0	ug/L			02/20/25 04:28	1
Methylene Chloride	ND		5.0	ug/L			02/20/25 04:28	1
o-Xylene	ND		5.0	ug/L			02/20/25 04:28	1
Styrene	ND		5.0	ug/L			02/20/25 04:28	1
Tetrachloroethene	ND		5.0	ug/L			02/20/25 04:28	1
Toluene	ND		5.0	ug/L			02/20/25 04:28	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 04:28	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 04:28	1
Trichloroethene	ND		5.0	ug/L			02/20/25 04:28	1
Trichlorofluoromethane	ND		5.0	ug/L			02/20/25 04:28	1
Vinyl chloride	ND		5.0	ug/L			02/20/25 04:28	1
1,2-Dichloroethene, Total	ND		5.0	ug/L			02/20/25 04:28	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: Trip Blank

Lab Sample ID: 705-20876-9

Date Collected: 02/14/25 00:00

Matrix: Water

Date Received: 02/14/25 15:23

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		5.0	ug/L			02/20/25 04:28	1
1,2-Dibromoethane	ND		5.0	ug/L			02/20/25 04:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 126				02/20/25 04:28	1
Dibromofluoromethane (Surr)	101		77 - 121				02/20/25 04:28	1
Toluene-d8 (Surr)	102		79 - 119				02/20/25 04:28	1

Detection Summary

Client: Logic Environmental

Job ID: 705-20876-1

Project/Site: S153

Client Sample ID: RCP-1

Lab Sample ID: 705-20876-1

No Detections.

Client Sample ID: RCP-1

Lab Sample ID: 705-20876-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.2		2.4	mg/Kg	1	✖	6010D	Total/NA
Barium	74		4.7	mg/Kg	1	✖	6010D	Total/NA
Chromium	20		2.4	mg/Kg	1	✖	6010D	Total/NA
Lead	14		4.7	mg/Kg	1	✖	6010D	Total/NA

Client Sample ID: SD-1

Lab Sample ID: 705-20876-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	7.4		4.7	ug/Kg	1	✖	8260D	Total/NA
Methylcyclohexane	5.9		4.7	ug/Kg	1	✖	8260D	Total/NA
o-Xylene	6.9		4.7	ug/Kg	1	✖	8260D	Total/NA
Xylenes, Total	14		4.7	ug/Kg	1	✖	8260D	Total/NA

Client Sample ID: SD-1

Lab Sample ID: 705-20876-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	220		5.4	mg/Kg	1	✖	6010D	Total/NA
Chromium	8.2		2.7	mg/Kg	1	✖	6010D	Total/NA
Lead	6.1		5.4	mg/Kg	1	✖	6010D	Total/NA

Client Sample ID: FP-1

Lab Sample ID: 705-20876-5

No Detections.

Client Sample ID: UP-1

Lab Sample ID: 705-20876-6

No Detections.

Client Sample ID: DP-1

Lab Sample ID: 705-20876-7

No Detections.

Client Sample ID: DS-1

Lab Sample ID: 705-20876-8

No Detections.

Client Sample ID: Trip Blank

Lab Sample ID: 705-20876-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Login Sample Receipt Checklist

Client: Logic Environmental

Job Number: 705-20876-1

Login Number: 20876

List Source: Eurofins Atlanta

List Number: 1

Creator: Ceclu, Rodica

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Surrogate Summary

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (67-127)	DBFM (80-119)	TOL (71-129)
705-20876-1	RCP-1	91	103	94
705-20876-3	SD-1	98	97	95
705-21109-C-3-A MS	Matrix Spike	103	102	101
705-21109-C-5-A DU	Duplicate	95	101	97
LCS 705-37843/1001	Lab Control Sample	102	102	102
MB 705-37841/1-A	Method Blank	94	101	95
Surrogate Legend				
BFB = 4-Bromofluorobenzene				
DBFM = Dibromofluoromethane (Surr)				
TOL = Toluene-d8 (Surr)				

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-126)	DBFM (77-121)	TOL (79-119)
705-20772-A-2 MS	Matrix Spike	99	99	102
705-20772-A-2 MSD	Matrix Spike Duplicate	97	102	102
705-20876-5	FP-1	100	99	103
705-20876-6	UP-1	99	99	103
705-20876-7	DP-1	100	100	102
705-20876-8	DS-1	102	97	103
705-20876-9	Trip Blank	100	101	102
LCS 705-37258/1002	Lab Control Sample	102	100	104
MB 705-37258/6	Method Blank	101	100	102
MRL 705-37258/3	Lab Control Sample	102	98	104
Surrogate Legend				
BFB = 4-Bromofluorobenzene				
DBFM = Dibromofluoromethane (Surr)				
TOL = Toluene-d8 (Surr)				

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (46-127)	FBP (55-120)	2FP (44-120)	NBZ (45-120)	PHL (47-120)	TPHd14 (54-120)
705-20876-1	RCP-1	53	46 S1-	39 S1-	38 S1-	40 S1-	50 S1-
705-20876-3	SD-1	88	70	62	58	64	77
705-20941-E-1-B MS	Matrix Spike	90	66	54	61	55	77
705-20941-E-1-C MSD	Matrix Spike Duplicate	83	65	52	58	52	70
LCS 705-37120/2-A	Lab Control Sample	135 S1+	104	63	103	43 S1-	97
MB 705-37120/1-A	Method Blank	99	76	63	73	63	88
Surrogate Legend							
TBP = 2,4,6-Tribromophenol (Surr)							
FBP = 2-Fluorobiphenyl (Surr)							
2FP = 2-Fluorophenol (Surr)							
NBZ = Nitrobenzene-d5 (Surr)							

Eurofins Atlanta

Surrogate Summary

Client: Logic Environmental

Job ID: 705-20876-1

Project/Site: S153

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP	FBP	2FP	NBZ	PHL	TPHd14
		(53-132)	(48-126)	(29-120)	(41-129)	(21-120)	(48-130)
705-20876-5	FP-1	67	48	19 S1-	46	10 S1-	51
705-20876-6	UP-1	74	67	23 S1-	64	12 S1-	36 S1-
705-20876-7	DP-1	84	74	28 S1-	74	14 S1-	46 S1-
705-20876-8	DS-1	37 S1-	64	16 S1-	65	13 S1-	69
705-20876-8 MS	DS-1	69	68	34	68	27	71
705-20876-8 MSD	DS-1	54	70	27 S1-	69	22	72
LCS 705-37228/2-A	Lab Control Sample	102	81	54	77	38	87
MB 705-37228/1-A	Method Blank	79	79	43	71	26	76

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl (Surr)

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

Lab Chronicle

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: RCP-1
Date Collected: 02/14/25 10:25
Date Received: 02/14/25 15:23

Lab Sample ID: 705-20876-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	D 2216		1	37510	MJ	EET ATL	02/20/25 20:09

Client Sample ID: RCP-1
Date Collected: 02/14/25 10:25
Date Received: 02/14/25 15:23

Lab Sample ID: 705-20876-1
Matrix: Solid
Percent Solids: 72.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			37841	RC	EET ATL	02/21/25 20:31
Total/NA	Analysis	8260D		1	37843	RC	EET ATL	02/22/25 01:28
Total/NA	Prep	3546			37120	KE	EET ATL 2	02/19/25 12:30
Total/NA	Analysis	8270E		1	37460	YH	EET ATL	02/20/25 18:33

Client Sample ID: RCP-1
Date Collected: 02/14/25 10:25
Date Received: 02/14/25 15:23

Lab Sample ID: 705-20876-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	D 2216		1	37573	ASA	EET ATL	02/21/25 07:45

Client Sample ID: RCP-1
Date Collected: 02/14/25 10:25
Date Received: 02/14/25 15:23

Lab Sample ID: 705-20876-2
Matrix: Solid
Percent Solids: 71.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			37090	BR	EET ATL	02/19/25 12:40
Total/NA	Analysis	6010D		1	37487	DAB	EET ATL	02/20/25 13:02
Total/NA	Prep	7471B			37459	HM	EET ATL	02/20/25 11:29
Total/NA	Analysis	7471B		1	37471	HM	EET ATL	02/20/25 16:54

Client Sample ID: SD-1
Date Collected: 02/14/25 10:40
Date Received: 02/14/25 15:23

Lab Sample ID: 705-20876-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	D 2216		1	37597	ASA	EET ATL	02/21/25 08:51

Client Sample ID: SD-1
Date Collected: 02/14/25 10:40
Date Received: 02/14/25 15:23

Lab Sample ID: 705-20876-3
Matrix: Solid
Percent Solids: 70.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			37841	RC	EET ATL	02/21/25 20:31
Total/NA	Analysis	8260D		1	37843	RC	EET ATL	02/22/25 01:52
Total/NA	Prep	3546			37120	KE	EET ATL 2	02/19/25 12:30
Total/NA	Analysis	8270E		1	37460	YH	EET ATL	02/20/25 19:01

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Lab Chronicle

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: SD-1

Lab Sample ID: 705-20876-4

Date Collected: 02/14/25 10:40

Matrix: Solid

Date Received: 02/14/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	D 2216		1	37597	ASA	EET ATL	02/21/25 08:51

Client Sample ID: SD-1

Lab Sample ID: 705-20876-4

Date Collected: 02/14/25 10:40

Matrix: Solid

Date Received: 02/14/25 15:23

Percent Solids: 70.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			37090	BR	EET ATL	02/19/25 12:40
Total/NA	Analysis	6010D		1	37487	DAB	EET ATL	02/20/25 13:05
Total/NA	Prep	7471B			37459	HM	EET ATL	02/20/25 11:29
Total/NA	Analysis	7471B		1	37471	HM	EET ATL	02/20/25 16:58

Client Sample ID: FP-1

Lab Sample ID: 705-20876-5

Date Collected: 02/14/25 11:00

Matrix: Water

Date Received: 02/14/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	37258	AG	EET ATL	02/20/25 06:27
Total/NA	Prep	3510C			37228	TT	EET ATL	02/20/25 12:40
Total/NA	Analysis	8270E		1	37834	NHN	EET ATL	02/21/25 22:49
Dissolved	Filtration	Filtration			37011	SA	EET ATL	02/19/25 09:09
Dissolved	Analysis	6010D		1	37269	DS	EET ATL	02/19/25 17:45
Dissolved	Filtration	Filtration			37011	SA	EET ATL	02/19/25 09:09
Dissolved	Prep	7470A			37697	HM	EET ATL	02/21/25 13:26
Dissolved	Analysis	7470A		1	37737	HM	EET ATL	02/21/25 17:33

Client Sample ID: UP-1

Lab Sample ID: 705-20876-6

Date Collected: 02/14/25 11:10

Matrix: Water

Date Received: 02/14/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	37258	AG	EET ATL	02/20/25 06:52
Total/NA	Prep	3510C			37228	TT	EET ATL	02/20/25 12:40
Total/NA	Analysis	8270E		1	37834	NHN	EET ATL	02/21/25 23:17
Dissolved	Filtration	Filtration			37011	SA	EET ATL	02/19/25 09:09
Dissolved	Analysis	6010D		1	37269	DS	EET ATL	02/19/25 17:48
Dissolved	Filtration	Filtration			37011	SA	EET ATL	02/19/25 09:09
Dissolved	Prep	7470A			37697	HM	EET ATL	02/21/25 13:26
Dissolved	Analysis	7470A		1	37737	HM	EET ATL	02/21/25 17:37

Client Sample ID: DP-1

Lab Sample ID: 705-20876-7

Date Collected: 02/14/25 11:25

Matrix: Water

Date Received: 02/14/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	37258	AG	EET ATL	02/20/25 07:16

Eurofins Atlanta

Lab Chronicle

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Client Sample ID: DP-1

Lab Sample ID: 705-20876-7

Date Collected: 02/14/25 11:25

Matrix: Water

Date Received: 02/14/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			37228	TT	EET ATL	02/20/25 12:40
Total/NA	Analysis	8270E		1	37834	NHN	EET ATL	02/21/25 23:45
Dissolved	Filtration	Filtration			37011	SA	EET ATL	02/19/25 09:09
Dissolved	Analysis	6010D		1	37269	DS	EET ATL	02/19/25 17:51
Dissolved	Filtration	Filtration			37011	SA	EET ATL	02/19/25 09:09
Dissolved	Prep	7470A			37697	HM	EET ATL	02/21/25 13:26
Dissolved	Analysis	7470A		1	37737	HM	EET ATL	02/21/25 17:41

Client Sample ID: DS-1

Lab Sample ID: 705-20876-8

Date Collected: 02/14/25 11:55

Matrix: Water

Date Received: 02/14/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	37258	AG	EET ATL	02/20/25 06:03
Total/NA	Prep	3510C			37228	TT	EET ATL	02/20/25 12:40
Total/NA	Analysis	8270E		1	37834	NHN	EET ATL	02/22/25 00:13
Dissolved	Filtration	Filtration			37011	SA	EET ATL	02/19/25 09:09
Dissolved	Analysis	6010D		1	37269	DS	EET ATL	02/19/25 17:54
Dissolved	Filtration	Filtration			37011	SA	EET ATL	02/19/25 09:09
Dissolved	Prep	7470A			37697	HM	EET ATL	02/21/25 13:26
Dissolved	Analysis	7470A		1	37737	HM	EET ATL	02/21/25 17:45

Client Sample ID: Trip Blank

Lab Sample ID: 705-20876-9

Date Collected: 02/14/25 00:00

Matrix: Water

Date Received: 02/14/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	37258	AG	EET ATL	02/20/25 04:28

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 705-37258/6

Matrix: Water

Analysis Batch: 37258

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	ug/L			02/20/25 03:16	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			02/20/25 03:16	1
1,1,2-Trichloroethane	ND		5.0	ug/L			02/20/25 03:16	1
1,1-Dichloroethane	ND		5.0	ug/L			02/20/25 03:16	1
1,1-Dichloroethene	ND		5.0	ug/L			02/20/25 03:16	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			02/20/25 03:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			02/20/25 03:16	1
1,2-Dichlorobenzene	ND		5.0	ug/L			02/20/25 03:16	1
1,2-Dichloroethane	ND		5.0	ug/L			02/20/25 03:16	1
1,2-Dichloropropane	ND		5.0	ug/L			02/20/25 03:16	1
1,3-Dichlorobenzene	ND		5.0	ug/L			02/20/25 03:16	1
1,4-Dichlorobenzene	ND		5.0	ug/L			02/20/25 03:16	1
2-Butanone	ND		50	ug/L			02/20/25 03:16	1
2-Hexanone	ND		10	ug/L			02/20/25 03:16	1
4-Methyl-2-pentanone	ND		10	ug/L			02/20/25 03:16	1
Acetone	ND		50	ug/L			02/20/25 03:16	1
Benzene	ND		5.0	ug/L			02/20/25 03:16	1
Bromodichloromethane	ND		5.0	ug/L			02/20/25 03:16	1
Bromoform	ND		5.0	ug/L			02/20/25 03:16	1
Bromomethane	ND		5.0	ug/L			02/20/25 03:16	1
Carbon disulfide	ND		5.0	ug/L			02/20/25 03:16	1
Carbon tetrachloride	ND		5.0	ug/L			02/20/25 03:16	1
Chlorobenzene	ND		5.0	ug/L			02/20/25 03:16	1
Chloroethane	ND		10	ug/L			02/20/25 03:16	1
Chloroform	ND		5.0	ug/L			02/20/25 03:16	1
Chloromethane	ND		10	ug/L			02/20/25 03:16	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 03:16	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 03:16	1
Cyclohexane	ND		5.0	ug/L			02/20/25 03:16	1
Dibromochloromethane	ND		5.0	ug/L			02/20/25 03:16	1
Dichlorodifluoromethane	ND		10	ug/L			02/20/25 03:16	1
Ethylbenzene	ND		5.0	ug/L			02/20/25 03:16	1
Freon-113	ND		10	ug/L			02/20/25 03:16	1
Isopropylbenzene	ND		5.0	ug/L			02/20/25 03:16	1
m-Xylene & p-Xylene	ND		5.0	ug/L			02/20/25 03:16	1
Methyl acetate	ND		5.0	ug/L			02/20/25 03:16	1
Methyl tert-butyl ether	ND		5.0	ug/L			02/20/25 03:16	1
Methylcyclohexane	ND		5.0	ug/L			02/20/25 03:16	1
Methylene Chloride	ND		5.0	ug/L			02/20/25 03:16	1
o-Xylene	ND		5.0	ug/L			02/20/25 03:16	1
Styrene	ND		5.0	ug/L			02/20/25 03:16	1
Tetrachloroethene	ND		5.0	ug/L			02/20/25 03:16	1
Toluene	ND		5.0	ug/L			02/20/25 03:16	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			02/20/25 03:16	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			02/20/25 03:16	1
Trichloroethene	ND		5.0	ug/L			02/20/25 03:16	1
Trichlorofluoromethane	ND		5.0	ug/L			02/20/25 03:16	1
Vinyl chloride	ND		5.0	ug/L			02/20/25 03:16	1

Eurofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

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

Lab Sample ID: MB 705-37258/6

Matrix: Water

Analysis Batch: 37258

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		5.0	ug/L			02/20/25 03:16	1
Xylenes, Total	ND		5.0	ug/L			02/20/25 03:16	1
1,2-Dibromoethane	ND		5.0	ug/L			02/20/25 03:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 126				02/20/25 03:16	1
Dibromofluoromethane (Surr)	100		77 - 121				02/20/25 03:16	1
Toluene-d8 (Surr)	102		79 - 119				02/20/25 03:16	1

Lab Sample ID: LCS 705-37258/1002

Matrix: Water

Analysis Batch: 37258

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.5		ug/L		103	71 - 124
1,1,2,2-Tetrachloroethane	20.0	22.7		ug/L		113	73 - 127
1,1,2-Trichloroethane	20.0	20.8		ug/L		104	69 - 127
1,1-Dichloroethane	20.0	20.3		ug/L		101	65 - 126
1,1-Dichloroethene	20.0	20.3		ug/L		102	69 - 130
1,2,4-Trichlorobenzene	20.0	21.6		ug/L		108	65 - 131
1,2-Dibromo-3-Chloropropane	20.0	20.1		ug/L		101	64 - 125
1,2-Dichlorobenzene	20.0	21.9		ug/L		110	69 - 127
1,2-Dichloroethane	20.0	20.5		ug/L		102	72 - 127
1,2-Dichloropropane	20.0	20.5		ug/L		102	71 - 121
1,3-Dichlorobenzene	20.0	21.8		ug/L		109	68 - 128
1,4-Dichlorobenzene	20.0	21.8		ug/L		109	68 - 126
2-Butanone	40.0	41.6	J	ug/L		104	74 - 131
2-Hexanone	40.0	45.3		ug/L		113	70 - 130
4-Methyl-2-pentanone	40.0	44.9		ug/L		112	76 - 122
Acetone	40.0	51.7		ug/L		129	62 - 136
Benzene	20.0	20.6		ug/L		103	76 - 122
Bromodichloromethane	20.0	18.9		ug/L		95	70 - 124
Bromoform	20.0	15.3		ug/L		77	65 - 129
Bromomethane	20.0	18.3		ug/L		91	60 - 138
Carbon disulfide	40.0	40.0		ug/L		100	71 - 122
Carbon tetrachloride	20.0	20.9		ug/L		105	72 - 133
Chlorobenzene	20.0	20.8		ug/L		104	75 - 121
Chloroethane	20.0	19.6		ug/L		98	55 - 138
Chloroform	20.0	20.0		ug/L		100	72 - 121
Chloromethane	20.0	16.1		ug/L		81	57 - 129
cis-1,2-Dichloroethene	20.0	20.3		ug/L		101	76 - 121
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	70 - 129
Cyclohexane	20.0	23.1		ug/L		115	68 - 124
Dibromochloromethane	20.0	17.9		ug/L		90	70 - 131
Dichlorodifluoromethane	20.0	16.8		ug/L		84	40 - 160
Ethylbenzene	20.0	21.1		ug/L		105	75 - 127
Freon-113	20.0	19.4		ug/L		97	74 - 122
Isopropylbenzene	20.0	21.3		ug/L		106	76 - 125

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

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

Lab Sample ID: LCS 705-37258/1002

Matrix: Water

Analysis Batch: 37258

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	40.0	44.5		ug/L		111	76 - 128
Methyl acetate	20.0	24.1		ug/L		121	64 - 127
Methyl tert-butyl ether	20.0	20.1		ug/L		100	76 - 123
Methylcyclohexane	20.0	22.7		ug/L		114	68 - 123
Methylene Chloride	20.0	19.6		ug/L		98	68 - 131
o-Xylene	20.0	21.6		ug/L		108	78 - 124
Styrene	20.0	22.7		ug/L		114	71 - 129
Tetrachloroethene	20.0	20.2		ug/L		101	74 - 129
Toluene	20.0	21.9		ug/L		109	74 - 124
trans-1,2-Dichloroethene	20.0	20.6		ug/L		103	74 - 124
trans-1,3-Dichloropropene	20.0	19.7		ug/L		99	59 - 135
Trichloroethene	20.0	20.0		ug/L		100	72 - 129
Trichlorofluoromethane	20.0	20.9		ug/L		104	63 - 142
Vinyl chloride	20.0	17.9		ug/L		90	65 - 132
1,2-Dichloroethene, Total	40.0	40.9		ug/L		102	75 - 121
Xylenes, Total	60.0	66.1		ug/L		110	75 - 128
1,2-Dibromoethane	20.0	20.7		ug/L		103	68 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	102		70 - 126
Dibromofluoromethane (Surr)	100		77 - 121
Toluene-d8 (Surr)	104		79 - 119

Lab Sample ID: MRL 705-37258/3

Matrix: Water

Analysis Batch: 37258

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	5.00	5.82		ug/L		116	50 - 150
1,1,2,2-Tetrachloroethane	5.00	5.72		ug/L		114	50 - 150
1,1,2-Trichloroethane	5.00	5.38		ug/L		108	50 - 150
1,1-Dichloroethane	5.00	5.74		ug/L		115	50 - 150
1,1-Dichloroethene	5.00	6.28		ug/L		126	50 - 150
1,2,4-Trichlorobenzene	5.00	6.14		ug/L		123	50 - 150
1,2-Dibromo-3-Chloropropane	5.00	5.48		ug/L		110	50 - 150
1,2-Dichlorobenzene	5.00	5.77		ug/L		115	50 - 150
1,2-Dichloroethane	5.00	5.65		ug/L		113	50 - 150
1,2-Dichloropropane	5.00	5.68		ug/L		114	50 - 150
1,3-Dichlorobenzene	5.00	5.91		ug/L		118	50 - 150
1,4-Dichlorobenzene	5.00	5.88		ug/L		118	50 - 150
2-Butanone	10.0	12.7	J	ug/L		127	50 - 150
2-Hexanone	10.0	11.1		ug/L		111	50 - 150
4-Methyl-2-pentanone	10.0	11.2		ug/L		112	50 - 150
Acetone	10.0	13.0	J	ug/L		130	50 - 150
Benzene	5.00	5.78		ug/L		116	50 - 150
Bromodichloromethane	5.00	5.10		ug/L		102	50 - 150
Bromoform	5.00	4.39	J	ug/L		88	50 - 150
Bromomethane	5.00	4.88	J	ug/L		98	50 - 150

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

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

Lab Sample ID: MRL 705-37258/3

Matrix: Water

Analysis Batch: 37258

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	10.0	11.6		ug/L		116	50 - 150
Carbon tetrachloride	5.00	5.67		ug/L		113	50 - 150
Chlorobenzene	5.00	5.84		ug/L		117	50 - 150
Chloroethane	5.00	5.74	J	ug/L		115	50 - 150
Chloroform	5.00	5.48		ug/L		110	50 - 150
Chloromethane	5.00	4.76	J	ug/L		95	50 - 150
cis-1,2-Dichloroethene	5.00	5.52		ug/L		110	50 - 150
cis-1,3-Dichloropropene	5.00	5.18		ug/L		104	50 - 150
Cyclohexane	5.00	6.11		ug/L		122	50 - 150
Dibromochloromethane	5.00	4.25	J	ug/L		85	50 - 150
Dichlorodifluoromethane	5.00	5.12	J	ug/L		102	50 - 150
Ethylbenzene	5.00	6.04		ug/L		121	50 - 150
Freon-113	5.00	6.46	J	ug/L		129	50 - 150
Isopropylbenzene	5.00	5.73		ug/L		115	50 - 150
m-Xylene & p-Xylene	10.0	13.0		ug/L		130	50 - 150
Methyl tert-butyl ether	5.00	5.54		ug/L		111	50 - 150
Methylcyclohexane	5.00	6.90		ug/L		138	50 - 150
Methylene Chloride	5.00	5.53		ug/L		111	50 - 150
o-Xylene	5.00	5.94		ug/L		119	50 - 150
Styrene	5.00	6.09		ug/L		122	50 - 150
Tetrachloroethene	5.00	5.82		ug/L		116	50 - 150
Toluene	5.00	6.11		ug/L		122	50 - 150
trans-1,2-Dichloroethene	5.00	6.07		ug/L		121	50 - 150
trans-1,3-Dichloropropene	5.00	4.89	J	ug/L		98	50 - 150
Trichloroethene	5.00	5.49		ug/L		110	50 - 150
Trichlorofluoromethane	5.00	6.19		ug/L		124	50 - 150
Vinyl chloride	5.00	5.28		ug/L		106	50 - 150
1,2-Dichloroethene, Total	10.0	11.6		ug/L		116	50 - 150
Xylenes, Total	15.0	18.9		ug/L		126	50 - 150
1,2-Dibromoethane	5.00	5.12		ug/L		102	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene	102		70 - 126
Dibromofluoromethane (Surr)	98		77 - 121
Toluene-d8 (Surr)	104		79 - 119

Lab Sample ID: 705-20772-A-2 MS

Matrix: Water

Analysis Batch: 37258

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		400	402		ug/L		101	69 - 135
1,1,2,2-Tetrachloroethane	ND		400	406		ug/L		102	68 - 132
1,1,2-Trichloroethane	ND		400	404		ug/L		101	71 - 133
1,1-Dichloroethane	ND		400	371		ug/L		93	70 - 133
1,1-Dichloroethene	ND		400	398		ug/L		100	69 - 139
1,2,4-Trichlorobenzene	ND		400	407		ug/L		102	61 - 135
1,2-Dibromo-3-Chloropropane	ND		400	389		ug/L		97	62 - 127

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

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

Lab Sample ID: 705-20772-A-2 MS

Matrix: Water

Analysis Batch: 37258

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	ND		400	397		ug/L		99	76 - 125
1,2-Dichloroethane	ND		400	389		ug/L		97	70 - 133
1,2-Dichloropropane	ND		400	396		ug/L		99	69 - 132
1,3-Dichlorobenzene	ND		400	398		ug/L		99	76 - 126
1,4-Dichlorobenzene	ND		400	394		ug/L		98	76 - 124
2-Butanone	ND	F1	800	ND		ug/L		105	50 - 150
2-Hexanone	ND		800	855		ug/L		107	50 - 150
4-Methyl-2-pentanone	ND		800	850		ug/L		106	50 - 150
Acetone	ND		800	ND		ug/L		116	50 - 150
Benzene	ND		400	444		ug/L		103	71 - 133
Bromodichloromethane	ND		400	377		ug/L		94	68 - 133
Bromoform	ND		400	305		ug/L		76	58 - 130
Bromomethane	ND		400	339		ug/L		85	50 - 150
Carbon disulfide	ND		800	729		ug/L		91	50 - 150
Carbon tetrachloride	ND		400	433		ug/L		108	70 - 139
Chlorobenzene	ND		400	414		ug/L		104	78 - 128
Chloroethane	ND		400	339		ug/L		85	50 - 150
Chloroform	ND		400	369		ug/L		92	68 - 132
Chloromethane	ND		400	331		ug/L		83	50 - 150
cis-1,2-Dichloroethene	ND		400	373		ug/L		93	72 - 133
cis-1,3-Dichloropropene	ND		400	370		ug/L		93	70 - 128
Cyclohexane	120		400	487		ug/L		91	50 - 150
Dibromochloromethane	ND		400	353		ug/L		88	68 - 130
Dichlorodifluoromethane	ND		400	364		ug/L		91	50 - 150
Ethylbenzene	1000	F1	400	1340		ug/L		78	75 - 131
Freon-113	ND		400	399		ug/L		100	50 - 150
Isopropylbenzene	ND		400	442		ug/L		94	72 - 135
m-Xylene & p-Xylene	2200	F1	800	2750	F1	ug/L		63	73 - 133
Methyl acetate	ND		400	386		ug/L		97	50 - 150
Methyl tert-butyl ether	ND		400	377		ug/L		94	70 - 130
Methylcyclohexane	180		400	623		ug/L		110	50 - 150
Methylene Chloride	ND		400	373		ug/L		93	66 - 132
o-Xylene	1600		400	1810	4	ug/L		48	73 - 132
Styrene	ND		400	448		ug/L		112	73 - 133
Tetrachloroethene	ND		400	434		ug/L		109	74 - 135
Toluene	1100	F1	400	1480		ug/L		97	72 - 134
trans-1,2-Dichloroethene	ND		400	384		ug/L		96	71 - 132
trans-1,3-Dichloropropene	ND		400	377		ug/L		94	60 - 125
Trichloroethene	ND		400	417		ug/L		104	77 - 136
Trichlorofluoromethane	ND		400	411		ug/L		103	69 - 133
Vinyl chloride	ND		400	368		ug/L		92	66 - 138
1,2-Dichloroethene, Total	ND		800	757		ug/L		95	70 - 138
Xylenes, Total	3800	F1	1200	4560	F1	ug/L		63	74 - 131
1,2-Dibromoethane	ND		400	385		ug/L		96	76 - 129

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	99		70 - 126
Dibromofluoromethane (Surr)	99		77 - 121

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

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

Lab Sample ID: 705-20772-A-2 MS

Matrix: Water

Analysis Batch: 37258

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	102		79 - 119

Lab Sample ID: 705-20772-A-2 MSD

Matrix: Water

Analysis Batch: 37258

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		400	395		ug/L		99	69 - 135	2	20
1,1,2,2-Tetrachloroethane	ND		400	396		ug/L		99	68 - 132	3	19
1,1,2-Trichloroethane	ND		400	375		ug/L		94	71 - 133	7	20
1,1-Dichloroethane	ND		400	356		ug/L		89	70 - 133	4	22
1,1-Dichloroethene	ND		400	374		ug/L		94	69 - 139	6	56
1,2,4-Trichlorobenzene	ND		400	406		ug/L		102	61 - 135	0	26
1,2-Dibromo-3-Chloropropane	ND		400	394		ug/L		99	62 - 127	1	20
1,2-Dichlorobenzene	ND		400	387		ug/L		97	76 - 125	3	20
1,2-Dichloroethane	ND		400	388		ug/L		97	70 - 133	0	41
1,2-Dichloropropane	ND		400	374		ug/L		93	69 - 132	6	20
1,3-Dichlorobenzene	ND		400	382		ug/L		96	76 - 126	4	20
1,4-Dichlorobenzene	ND		400	372		ug/L		93	76 - 124	6	20
2-Butanone	ND	F1	800	ND		ug/L		99	50 - 150	NC	20
2-Hexanone	ND		800	780		ug/L		97	50 - 150	9	50
4-Methyl-2-pentanone	ND		800	795		ug/L		99	50 - 150	7	50
Acetone	ND		800	ND		ug/L		110	50 - 150	6	50
Benzene	ND		400	421		ug/L		97	71 - 133	5	42
Bromodichloromethane	ND		400	363		ug/L		91	68 - 133	4	20
Bromoform	ND		400	289		ug/L		72	58 - 130	5	20
Bromomethane	ND		400	298		ug/L		75	50 - 150	13	100
Carbon disulfide	ND		800	691		ug/L		86	50 - 150	5	50
Carbon tetrachloride	ND		400	415		ug/L		104	70 - 139	4	22
Chlorobenzene	ND		400	387		ug/L		97	78 - 128	7	50
Chloroethane	ND		400	324		ug/L		81	50 - 150	5	100
Chloroform	ND		400	365		ug/L		91	68 - 132	1	20
Chloromethane	ND		400	257		ug/L		64	50 - 150	25	100
cis-1,2-Dichloroethene	ND		400	365		ug/L		91	72 - 133	2	14
cis-1,3-Dichloropropene	ND		400	354		ug/L		89	70 - 128	4	14
Cyclohexane	120		400	467		ug/L		86	50 - 150	4	50
Dibromochloromethane	ND		400	344		ug/L		86	68 - 130	3	20
Dichlorodifluoromethane	ND		400	356		ug/L		89	50 - 150	2	100
Ethylbenzene	1000	F1	400	1250	F1	ug/L		56	75 - 131	7	28
Freon-113	ND		400	377		ug/L		94	50 - 150	6	50
Isopropylbenzene	ND		400	439		ug/L		93	72 - 135	1	20
m-Xylene & p-Xylene	2200	F1	800	2590	F1	ug/L		43	73 - 133	6	28
Methyl acetate	ND		400	399		ug/L		100	50 - 150	3	50
Methyl tert-butyl ether	ND		400	381		ug/L		95	70 - 130	1	30
Methylcyclohexane	180		400	562		ug/L		95	50 - 150	10	50
Methylene Chloride	ND		400	371		ug/L		93	66 - 132	1	20
o-Xylene	1600		400	1740	4	ug/L		30	73 - 132	4	28
Styrene	ND		400	411		ug/L		103	73 - 133	9	20

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

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

Lab Sample ID: 705-20772-A-2 MSD

Matrix: Water

Analysis Batch: 37258

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene	ND		400	411		ug/L		103	74 - 135	6	20
Toluene	1100	F1	400	1370	F1	ug/L		69	72 - 134	8	42
trans-1,2-Dichloroethene	ND		400	377		ug/L		94	71 - 132	2	20
trans-1,3-Dichloropropene	ND		400	361		ug/L		90	60 - 125	4	20
Trichloroethene	ND		400	392		ug/L		98	77 - 136	6	51
Trichlorofluoromethane	ND		400	392		ug/L		98	69 - 133	5	23
Vinyl chloride	ND		400	295		ug/L		74	66 - 138	22	23
1,2-Dichloroethene, Total	ND		800	742		ug/L		93	70 - 138	2	20
Xylenes, Total	3800	F1	1200	4330	F1	ug/L		44	74 - 131	5	28
1,2-Dibromoethane	ND		400	380		ug/L		95	76 - 129	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	97		70 - 126
Dibromofluoromethane (Surr)	102		77 - 121
Toluene-d8 (Surr)	102		79 - 119

Lab Sample ID: MB 705-37841/1-A

Matrix: Solid

Analysis Batch: 37843

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37841

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,1-Dichloroethane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,1-Dichloroethene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,2-Dichlorobenzene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,2-Dichloroethane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,2-Dichloropropane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,3-Dichlorobenzene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,4-Dichlorobenzene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
2-Butanone	ND		50	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
2-Hexanone	ND		10	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
4-Methyl-2-pentanone	ND		10	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Acetone	ND		100	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Benzene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Bromodichloromethane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Bromoform	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Bromomethane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Carbon disulfide	ND		10	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Carbon tetrachloride	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Chlorobenzene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Chloroethane	ND		10	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Chloroform	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Chloromethane	ND		10	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
cis-1,2-Dichloroethene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

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

Lab Sample ID: MB 705-37841/1-A

Matrix: Solid

Analysis Batch: 37843

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37841

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Cyclohexane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Dibromochloromethane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Dichlorodifluoromethane	ND		10	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Ethylbenzene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Freon-113	ND		10	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Isopropylbenzene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
m-Xylene & p-Xylene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Methyl acetate	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Methyl tert-butyl ether	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Methylcyclohexane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Methylene Chloride	ND		20	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
o-Xylene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Styrene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Tetrachloroethene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Toluene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Trichloroethene	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Trichlorofluoromethane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Vinyl chloride	ND		10	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,2-Dichloroethene, Total	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
Xylenes, Total	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1
1,2-Dibromoethane	ND		5.0	ug/Kg		02/21/25 20:31	02/21/25 21:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 127	02/21/25 20:31	02/21/25 21:46	1
Dibromofluoromethane (Surr)	101		80 - 119	02/21/25 20:31	02/21/25 21:46	1
Toluene-d8 (Surr)	95		71 - 129	02/21/25 20:31	02/21/25 21:46	1

Lab Sample ID: 705-21109-C-3-A MS

Matrix: Solid

Analysis Batch: 37899

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 37841

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	103		67 - 127
Dibromofluoromethane (Surr)	102		80 - 119
Toluene-d8 (Surr)	101		71 - 129

Lab Sample ID: 705-21109-C-5-A DU

Matrix: Solid

Analysis Batch: 37899

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 37841

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
1,1,1-Trichloroethane	ND		ND		ug/Kg	*		
1,1,2,2-Tetrachloroethane	ND		ND		ug/Kg	*		
1,1,2-Trichloroethane	ND		ND		ug/Kg	*		
1,1-Dichloroethane	ND		ND		ug/Kg	*		

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

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

Lab Sample ID: 705-21109-C-5-A DU

Matrix: Solid

Analysis Batch: 37899

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 37841

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
1,1-Dichloroethene	ND		ND		ug/Kg	*		
1,2,4-Trichlorobenzene	ND		ND		ug/Kg	*		
1,2-Dibromo-3-Chloropropane	ND		ND		ug/Kg	*		
1,2-Dichlorobenzene	ND		ND		ug/Kg	*		
1,2-Dichloroethane	ND		ND		ug/Kg	*		
1,2-Dichloropropane	ND		ND		ug/Kg	*		
1,3-Dichlorobenzene	ND		ND		ug/Kg	*		
1,4-Dichlorobenzene	ND		ND		ug/Kg	*		
2-Butanone	ND		ND		ug/Kg	*		
2-Hexanone	ND		ND		ug/Kg	*		
4-Methyl-2-pentanone	ND		ND		ug/Kg	*		
Acetone	ND		ND		ug/Kg	*		
Benzene	ND		ND		ug/Kg	*		
Bromodichloromethane	ND		ND		ug/Kg	*		
Bromoform	ND		ND		ug/Kg	*		
Bromomethane	ND		ND		ug/Kg	*		
Carbon disulfide	ND		ND		ug/Kg	*		
Carbon tetrachloride	ND		ND		ug/Kg	*		
Chlorobenzene	ND		ND		ug/Kg	*		
Chloroethane	ND		ND		ug/Kg	*		
Chloroform	ND		ND		ug/Kg	*		
Chloromethane	ND		ND		ug/Kg	*		
cis-1,2-Dichloroethene	ND		ND		ug/Kg	*		
cis-1,3-Dichloropropene	ND		ND		ug/Kg	*		
Cyclohexane	ND		ND		ug/Kg	*		
Dibromochloromethane	ND		ND		ug/Kg	*		
Dichlorodifluoromethane	ND		ND		ug/Kg	*		
Ethylbenzene	ND		ND		ug/Kg	*		
Freon-113	ND		ND		ug/Kg	*		
Isopropylbenzene	ND	+	ND		ug/Kg	*		
m-Xylene & p-Xylene	ND		ND		ug/Kg	*		
Methyl acetate	ND		ND		ug/Kg	*		
Methyl tert-butyl ether	ND		ND		ug/Kg	*		
Methylcyclohexane	ND		ND		ug/Kg	*		
Methylene Chloride	ND		ND		ug/Kg	*		
o-Xylene	ND		ND		ug/Kg	*		
Styrene	ND		ND		ug/Kg	*		
Tetrachloroethene	ND		ND		ug/Kg	*		
Toluene	ND		ND		ug/Kg	*		
trans-1,2-Dichloroethene	ND		ND		ug/Kg	*		
trans-1,3-Dichloropropene	ND		ND		ug/Kg	*		
Trichloroethene	ND		ND		ug/Kg	*		
Trichlorofluoromethane	ND		ND		ug/Kg	*		
Vinyl chloride	ND		ND		ug/Kg	*		
1,2-Dichloroethene, Total	ND		ND		ug/Kg	*		
Xylenes, Total	ND		ND		ug/Kg	*		
1,2-Dibromoethane	ND		ND		ug/Kg	*		

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

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

Lab Sample ID: 705-21109-C-5-A DU

Matrix: Solid

Analysis Batch: 37899

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 37841

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	95		67 - 127
Dibromofluoromethane (Surr)	101		80 - 119
Toluene-d8 (Surr)	97		71 - 129

Lab Sample ID: LCS 705-37843/1001

Matrix: Solid

Analysis Batch: 37843

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	49.3		ug/Kg		99	73 - 126
1,1,2,2-Tetrachloroethane	50.0	49.1		ug/Kg		98	73 - 121
1,1,2-Trichloroethane	50.0	49.5		ug/Kg		99	77 - 124
1,1-Dichloroethane	50.0	48.7		ug/Kg		97	72 - 123
1,1-Dichloroethene	50.0	52.3		ug/Kg		105	74 - 126
1,2,4-Trichlorobenzene	50.0	54.0		ug/Kg		108	69 - 130
1,2-Dibromo-3-Chloropropane	50.0	51.0		ug/Kg		102	68 - 125
1,2-Dichlorobenzene	50.0	51.6		ug/Kg		103	80 - 120
1,2-Dichloroethane	50.0	50.7		ug/Kg		101	73 - 123
1,2-Dichloropropane	50.0	52.3		ug/Kg		105	78 - 122
1,3-Dichlorobenzene	50.0	52.1		ug/Kg		104	78 - 120
1,4-Dichlorobenzene	50.0	51.4		ug/Kg		103	79 - 120
2-Butanone	100	111		ug/Kg		111	73 - 134
2-Hexanone	100	91.5		ug/Kg		92	81 - 132
4-Methyl-2-pentanone	100	109		ug/Kg		109	81 - 135
Acetone	100	108		ug/Kg		108	70 - 131
Benzene	50.0	52.8		ug/Kg		106	79 - 120
Bromodichloromethane	50.0	52.7		ug/Kg		105	80 - 122
Bromoform	50.0	47.8		ug/Kg		96	71 - 136
Bromomethane	50.0	47.2		ug/Kg		94	62 - 134
Carbon disulfide	100	113		ug/Kg		113	80 - 127
Carbon tetrachloride	50.0	54.2		ug/Kg		108	72 - 132
Chlorobenzene	50.0	52.7		ug/Kg		105	80 - 120
Chloroethane	50.0	45.4		ug/Kg		91	66 - 130
Chloroform	50.0	54.3		ug/Kg		109	74 - 120
Chloromethane	50.0	48.1		ug/Kg		96	64 - 131
cis-1,2-Dichloroethene	50.0	52.2		ug/Kg		104	78 - 122
cis-1,3-Dichloropropene	50.0	56.1		ug/Kg		112	75 - 134
Cyclohexane	50.0	54.9		ug/Kg		110	82 - 126
Dibromochloromethane	50.0	53.0		ug/Kg		106	81 - 123
Dichlorodifluoromethane	50.0	48.3		ug/Kg		97	64 - 132
Ethylbenzene	50.0	57.0		ug/Kg		114	80 - 121
Freon-113	50.0	44.3		ug/Kg		89	80 - 121
Isopropylbenzene	50.0	66.7	*+	ug/Kg		133	72 - 129
m-Xylene & p-Xylene	100	115		ug/Kg		115	79 - 123
Methyl acetate	50.0	55.9		ug/Kg		112	82 - 131
Methyl tert-butyl ether	50.0	48.4		ug/Kg		97	80 - 122
Methylcyclohexane	50.0	52.4		ug/Kg		105	79 - 131
Methylene Chloride	50.0	52.1		ug/Kg		104	72 - 122

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

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

Lab Sample ID: LCS 705-37843/1001

Matrix: Solid

Analysis Batch: 37843

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	50.0	55.3		ug/Kg		111	78 - 122
Styrene	50.0	59.0		ug/Kg		118	79 - 128
Tetrachloroethene	50.0	50.8		ug/Kg		102	74 - 121
Toluene	50.0	53.1		ug/Kg		106	77 - 123
trans-1,2-Dichloroethene	50.0	52.8		ug/Kg		106	76 - 124
trans-1,3-Dichloropropene	50.0	53.4		ug/Kg		107	70 - 131
Trichloroethene	50.0	52.5		ug/Kg		105	79 - 121
Trichlorofluoromethane	50.0	52.2		ug/Kg		104	77 - 128
Vinyl chloride	50.0	50.6		ug/Kg		101	68 - 130
1,2-Dichloroethene, Total	100	105		ug/Kg		105	75 - 122
Xylenes, Total	150	170		ug/Kg		114	79 - 122
1,2-Dibromoethane	50.0	53.3		ug/Kg		107	82 - 118

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	102		67 - 127
Dibromofluoromethane (Surr)	102		80 - 119
Toluene-d8 (Surr)	102		71 - 129

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 705-37120/1-A

Matrix: Solid

Analysis Batch: 37460

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37120

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2,4,5-Trichlorophenol	ND		1700	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2,4,6-Trichlorophenol	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2,4-Dichlorophenol	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2,4-Dimethylphenol	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2,4-Dinitrophenol	ND		1700	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2,4-Dinitrotoluene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2,6-Dinitrotoluene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2-Chloronaphthalene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2-Chlorophenol	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2-Methylnaphthalene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2-Methylphenol	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2-Nitroaniline	ND		1700	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
2-Nitrophenol	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
3 & 4 Methylphenol	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
3,3'-Dichlorobenzidine	ND		660	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
4,6-Dinitro-2-methylphenol	ND		1700	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
4-Bromophenyl phenyl ether	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
4-Chloro-3-methylphenol	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
4-Chloroaniline	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
4-Chlorophenyl phenyl ether	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
4-Nitroaniline	ND		1700	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
4-Nitrophenol	ND		1700	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Acenaphthene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 705-37120/1-A

Matrix: Solid

Analysis Batch: 37460

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37120

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Acetophenone	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Anthracene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Atrazine	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Benzaldehyde	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Benzo[a]anthracene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Benzo[a]pyrene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Benzo[b]fluoranthene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Bis(2-chloroethoxy)methane	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Bis(2-chloroethyl)ether	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Bis(2-ethylhexyl) phthalate	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Butyl benzyl phthalate	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Caprolactam	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Carbazole	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Chrysene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Dibenz(a,h)anthracene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Dibenzofuran	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Diethyl phthalate	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Dimethyl phthalate	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Di-n-butyl phthalate	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Di-n-octyl phthalate	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Fluoranthene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Fluorene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Hexachlorobenzene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Hexachlorobutadiene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Hexachlorocyclopentadiene	ND		660	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Hexachloroethane	ND		2600	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Indeno[1,2,3-cd]pyrene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Isophorone	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Naphthalene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Nitrobenzene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
N-Nitrosodi-n-propylamine	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
N-Nitrosodiphenylamine	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Pentachlorophenol	ND		1700	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Phenanthrene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Phenol	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1
Pyrene	ND		330	ug/Kg		02/19/25 12:30	02/20/25 10:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	99		46 - 127	02/19/25 12:30	02/20/25 10:07	1
2-Fluorobiphenyl (Surr)	76		55 - 120	02/19/25 12:30	02/20/25 10:07	1
2-Fluorophenol (Surr)	63		44 - 120	02/19/25 12:30	02/20/25 10:07	1
Nitrobenzene-d5 (Surr)	73		45 - 120	02/19/25 12:30	02/20/25 10:07	1
Phenol-d5 (Surr)	63		47 - 120	02/19/25 12:30	02/20/25 10:07	1
p-Terphenyl-d14 (Surr)	88		54 - 120	02/19/25 12:30	02/20/25 10:07	1

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 705-37120/2-A

Matrix: Solid

Analysis Batch: 37460

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37120

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	3330	3390		ug/Kg		102	50 - 121
2-Chlorophenol	3330	2870		ug/Kg		86	51 - 120
4-Chloro-3-methylphenol	3330	3390		ug/Kg		102	53 - 120
4-Nitrophenol	3330	1740		ug/Kg		52	47 - 120
Acenaphthene	3330	3200		ug/Kg		96	55 - 120
N-Nitrosodi-n-propylamine	3330	2720		ug/Kg		82	51 - 122
Pentachlorophenol	3330	3110		ug/Kg		93	51 - 120
Phenol	3330	1420	*	ug/Kg		43	50 - 120
Pyrene	3330	3100		ug/Kg		93	62 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	135	S1+	46 - 127
2-Fluorobiphenyl (Surr)	104		55 - 120
2-Fluorophenol (Surr)	63		44 - 120
Nitrobenzene-d5 (Surr)	103		45 - 120
Phenol-d5 (Surr)	43	S1-	47 - 120
p-Terphenyl-d14 (Surr)	97		54 - 120

Lab Sample ID: 705-20941-E-1-B MS

Matrix: Solid

Analysis Batch: 37460

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 37120

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	ND		4190	2960		ug/Kg	✱	71	43 - 118
2-Chlorophenol	ND		4190	2580		ug/Kg	✱	62	45 - 120
4-Chloro-3-methylphenol	ND		4190	2920		ug/Kg	✱	70	47 - 120
4-Nitrophenol	ND		4190	2990		ug/Kg	✱	71	32 - 120
Acenaphthene	ND		4190	2750		ug/Kg	✱	66	45 - 120
N-Nitrosodi-n-propylamine	ND		4190	2260		ug/Kg	✱	54	50 - 120
Pentachlorophenol	ND		4190	2770		ug/Kg	✱	66	47 - 120
Phenol	ND	*	4190	2310		ug/Kg	✱	55	45 - 120
Pyrene	ND		4190	2890		ug/Kg	✱	69	49 - 117

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	90		46 - 127
2-Fluorobiphenyl (Surr)	66		55 - 120
2-Fluorophenol (Surr)	54		44 - 120
Nitrobenzene-d5 (Surr)	61		45 - 120
Phenol-d5 (Surr)	55		47 - 120
p-Terphenyl-d14 (Surr)	77		54 - 120

Lab Sample ID: 705-20941-E-1-C MSD

Matrix: Solid

Analysis Batch: 37460

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 37120

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	ND		4190	2690		ug/Kg	✱	64	43 - 118	10	35
2-Chlorophenol	ND		4190	2410		ug/Kg	✱	58	45 - 120	7	35

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 705-20941-E-1-C MSD

Matrix: Solid

Analysis Batch: 37460

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 37120

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	ND		4190	2740		ug/Kg	✱	65	47 - 120	6	32
4-Nitrophenol	ND		4190	2610		ug/Kg	✱	62	32 - 120	14	44
Acenaphthene	ND		4190	2590		ug/Kg	✱	62	45 - 120	6	31
N-Nitrosodi-n-propylamine	ND		4190	2140		ug/Kg	✱	51	50 - 120	5	33
Pentachlorophenol	ND		4190	2440		ug/Kg	✱	58	47 - 120	12	35
Phenol	ND	*-	4190	2240		ug/Kg	✱	53	45 - 120	3	35
Pyrene	ND		4190	2590		ug/Kg	✱	62	49 - 117	11	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	83		46 - 127
2-Fluorobiphenyl (Surr)	65		55 - 120
2-Fluorophenol (Surr)	52		44 - 120
Nitrobenzene-d5 (Surr)	58		45 - 120
Phenol-d5 (Surr)	52		47 - 120
p-Terphenyl-d14 (Surr)	70		54 - 120

Lab Sample ID: MB 705-37228/1-A

Matrix: Water

Analysis Batch: 37768

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37228

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
2,4,5-Trichlorophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 16:51	1
2,4,6-Trichlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
2,4-Dichlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
2,4-Dimethylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
2,4-Dinitrophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 16:51	1
2,4-Dinitrotoluene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
2,6-Dinitrotoluene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
2-Chloronaphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
2-Chlorophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
2-Methylnaphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
2-Methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
2-Nitroaniline	ND		50	ug/L		02/20/25 12:40	02/21/25 16:51	1
2-Nitrophenol	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
3 & 4 Methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
3,3'-Dichlorobenzidine	ND		20	ug/L		02/20/25 12:40	02/21/25 16:51	1
4,6-Dinitro-2-methylphenol	ND		25	ug/L		02/20/25 12:40	02/21/25 16:51	1
4-Bromophenyl phenyl ether	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
4-Chloro-3-methylphenol	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
4-Chloroaniline	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
4-Chlorophenyl phenyl ether	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
4-Nitroaniline	ND		25	ug/L		02/20/25 12:40	02/21/25 16:51	1
4-Nitrophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 16:51	1
Acenaphthene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Acenaphthylene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Acetophenone	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 705-37228/1-A

Matrix: Water

Analysis Batch: 37768

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37228

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Benzaldehyde	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Benzo[a]anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Benzo[a]pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Benzo[b]fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Bis(2-chloroethoxy)methane	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Bis(2-chloroethyl)ether	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Bis(2-ethylhexyl) phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Butyl benzyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Caprolactam	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Carbazole	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Chrysene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Dibenz(a,h)anthracene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Dibenzofuran	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Diethyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Dimethyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Di-n-butyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Di-n-octyl phthalate	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Fluorene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Hexachlorobenzene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Hexachlorobutadiene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Hexachlorocyclopentadiene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Hexachloroethane	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Indeno[1,2,3-cd]pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Isophorone	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Naphthalene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Nitrobenzene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
N-Nitrosodi-n-propylamine	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
N-Nitrosodiphenylamine	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Pentachlorophenol	ND		25	ug/L		02/20/25 12:40	02/21/25 16:51	1
Phenanthrene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Phenol	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Pyrene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Bis(2-chloroisopropyl) ether	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Benzo[g,h,i]perylene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
Benzo[k]fluoranthene	ND		10	ug/L		02/20/25 12:40	02/21/25 16:51	1
3-Nitroaniline	ND		25	ug/L		02/20/25 12:40	02/21/25 16:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		53 - 132	02/20/25 12:40	02/21/25 16:51	1
2-Fluorobiphenyl (Surr)	79		48 - 126	02/20/25 12:40	02/21/25 16:51	1
2-Fluorophenol (Surr)	43		29 - 120	02/20/25 12:40	02/21/25 16:51	1
Nitrobenzene-d5 (Surr)	71		41 - 129	02/20/25 12:40	02/21/25 16:51	1
Phenol-d5 (Surr)	26		21 - 120	02/20/25 12:40	02/21/25 16:51	1
p-Terphenyl-d14 (Surr)	76		48 - 130	02/20/25 12:40	02/21/25 16:51	1

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 705-37228/2-A

Matrix: Water

Analysis Batch: 37768

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	100	89.1		ug/L		89	62 - 130
2-Chlorophenol	100	81.0		ug/L		81	50 - 130
4-Chloro-3-methylphenol	100	90.5		ug/L		90	60 - 124
4-Nitrophenol	100	42.8		ug/L		43	8 - 120
Acenaphthene	100	91.7		ug/L		92	60 - 127
N-Nitrosodi-n-propylamine	100	89.9		ug/L		90	58 - 129
Pentachlorophenol	100	89.3		ug/L		89	51 - 130
Phenol	100	39.5		ug/L		40	20 - 130
Pyrene	100	95.8		ug/L		96	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	102		53 - 132
2-Fluorobiphenyl (Surr)	81		48 - 126
2-Fluorophenol (Surr)	54		29 - 120
Nitrobenzene-d5 (Surr)	77		41 - 129
Phenol-d5 (Surr)	38		21 - 120
p-Terphenyl-d14 (Surr)	87		48 - 130

Lab Sample ID: 705-20876-8 MS

Matrix: Water

Analysis Batch: 37768

Client Sample ID: DS-1

Prep Type: Total/NA

Prep Batch: 37228

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	ND		100	73.8		ug/L		74	50 - 130
2-Chlorophenol	ND		100	58.0		ug/L		58	45 - 120
4-Chloro-3-methylphenol	ND		100	71.5		ug/L		71	46 - 125
4-Nitrophenol	ND		100	ND		ug/L		23	24 - 120
Acenaphthene	ND		100	77.4		ug/L		77	50 - 129
N-Nitrosodi-n-propylamine	ND		100	78.1		ug/L		78	51 - 129
Pentachlorophenol	ND		100	59.5		ug/L		60	45 - 117
Phenol	ND		100	26.0		ug/L		26	25 - 120
Pyrene	ND		100	79.7		ug/L		80	51 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	69		53 - 132
2-Fluorobiphenyl (Surr)	68		48 - 126
2-Fluorophenol (Surr)	34		29 - 120
Nitrobenzene-d5 (Surr)	68		41 - 129
Phenol-d5 (Surr)	27		21 - 120
p-Terphenyl-d14 (Surr)	71		48 - 130

Lab Sample ID: 705-20876-8 MSD

Matrix: Water

Analysis Batch: 37768

Client Sample ID: DS-1

Prep Type: Total/NA

Prep Batch: 37228

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	ND		100	75.9		ug/L					
2-Chlorophenol	ND		100	47.7		ug/L					

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 705-20876-8 MSD

Matrix: Water

Analysis Batch: 37768

Client Sample ID: DS-1

Prep Type: Total/NA

Prep Batch: 37228

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	ND		100	62.4		ug/L					
4-Nitrophenol	ND		100	ND		ug/L					
Acenaphthene	ND		100	77.7		ug/L					
N-Nitrosodi-n-propylamine	ND		100	77.9		ug/L					
Pentachlorophenol	ND		100	33.4		ug/L					
Phenol	ND		100	22.2		ug/L					
Pyrene	ND		100	81.2		ug/L					

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	54		53 - 132
2-Fluorobiphenyl (Surr)	70		48 - 126
2-Fluorophenol (Surr)	27	S1-	29 - 120
Nitrobenzene-d5 (Surr)	69		41 - 129
Phenol-d5 (Surr)	22		21 - 120
p-Terphenyl-d14 (Surr)	72		48 - 130

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-37090/1-A

Matrix: Solid

Analysis Batch: 37487

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37090

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.5	mg/Kg		02/19/25 12:40	02/20/25 12:13	1
Barium	ND		5.0	mg/Kg		02/19/25 12:40	02/20/25 12:13	1
Cadmium	ND		2.5	mg/Kg		02/19/25 12:40	02/20/25 12:13	1
Chromium	ND		2.5	mg/Kg		02/19/25 12:40	02/20/25 12:13	1
Lead	ND		5.0	mg/Kg		02/19/25 12:40	02/20/25 12:13	1
Selenium	ND		3.5	mg/Kg		02/19/25 12:40	02/20/25 12:13	1
Silver	ND		2.5	mg/Kg		02/19/25 12:40	02/20/25 12:13	1

Lab Sample ID: LCS 705-37090/2-A

Matrix: Solid

Analysis Batch: 37487

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37090

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	45.4		mg/Kg		91	80 - 120
Barium	50.0	49.7		mg/Kg		99	80 - 120
Cadmium	50.0	48.5		mg/Kg		97	80 - 120
Chromium	50.0	49.9		mg/Kg		100	80 - 120
Lead	50.0	48.0		mg/Kg		96	80 - 120
Selenium	50.0	40.6		mg/Kg		81	80 - 120
Silver	5.00	4.74		mg/Kg		95	80 - 120

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-20894-E-1-B MS

Matrix: Solid

Analysis Batch: 37487

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 37090

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		45.9	37.5		mg/Kg	*	82	75 - 125
Barium	160	F1	45.9	191	F1	mg/Kg	*	58	75 - 125
Cadmium	ND		45.9	43.3		mg/Kg	*	94	75 - 125
Chromium	6.5		45.9	48.4		mg/Kg	*	91	75 - 125
Lead	6.6		45.9	44.8		mg/Kg	*	83	75 - 125
Silver	ND		4.59	4.22		mg/Kg	*	92	75 - 125

Lab Sample ID: 705-20894-E-1-B MS

Matrix: Solid

Analysis Batch: 37672

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 37090

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	ND		45.9	34.3		mg/Kg	*	75	75 - 125

Lab Sample ID: 705-20894-E-1-C MSD

Matrix: Solid

Analysis Batch: 37487

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 37090

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		45.9	37.9		mg/Kg	*	82	75 - 125	1	20
Barium	160	F1	45.9	192	F1	mg/Kg	*	60	75 - 125	1	20
Cadmium	ND		45.9	43.4		mg/Kg	*	95	75 - 125	0	20
Chromium	6.5		45.9	48.3		mg/Kg	*	91	75 - 125	0	20
Lead	6.3		45.9	44.1		mg/Kg	*	82	75 - 125	2	20
Silver	ND		4.59	4.26		mg/Kg	*	93	75 - 125	1	20

Lab Sample ID: 705-20894-E-1-C MSD

Matrix: Solid

Analysis Batch: 37672

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 37090

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	ND		45.9	34.9		mg/Kg	*	76	75 - 125	2	20

Lab Sample ID: MB 705-37011/1-A

Matrix: Water

Analysis Batch: 37269

Client Sample ID: Method Blank

Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L			02/19/25 17:11	1
Barium	ND		0.020	mg/L			02/19/25 17:11	1
Cadmium	ND		0.0050	mg/L			02/19/25 17:11	1
Chromium	ND		0.010	mg/L			02/19/25 17:11	1
Lead	ND		0.010	mg/L			02/19/25 17:11	1
Selenium	ND		0.020	mg/L			02/19/25 17:11	1
Silver	ND		0.010	mg/L			02/19/25 17:11	1

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-37011/2-A

Matrix: Water

Analysis Batch: 37269

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.00	1.05		mg/L		105	80 - 120
Barium	1.00	1.01		mg/L		101	80 - 120
Cadmium	1.00	1.03		mg/L		103	80 - 120
Chromium	1.00	0.999		mg/L		100	80 - 120
Lead	1.00	1.00		mg/L		100	80 - 120
Selenium	1.00	1.12		mg/L		112	80 - 120
Silver	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: 705-20816-E-3-B MS

Matrix: Water

Analysis Batch: 37269

Client Sample ID: Matrix Spike
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		1.00	1.03		mg/L		103	75 - 125
Barium	0.36		1.00	1.34		mg/L		98	75 - 125
Cadmium	ND		1.00	1.01		mg/L		101	75 - 125
Chromium	ND		1.00	0.982		mg/L		98	75 - 125
Lead	ND		1.00	0.971		mg/L		97	75 - 125
Selenium	ND		1.00	1.15		mg/L		114	75 - 125
Silver	ND		0.100	0.101		mg/L		101	75 - 125

Lab Sample ID: 705-20816-E-3-C MSD

Matrix: Water

Analysis Batch: 37269

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.04		mg/L		104	75 - 125	1	20
Barium	0.36		1.00	1.34		mg/L		97	75 - 125	0	20
Cadmium	ND		1.00	1.01		mg/L		101	75 - 125	0	20
Chromium	ND		1.00	0.981		mg/L		98	75 - 125	0	20
Lead	ND		1.00	0.969		mg/L		97	75 - 125	0	20
Selenium	ND		1.00	1.14		mg/L		113	75 - 125	0	20
Silver	ND		0.100	0.101		mg/L		101	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-37697/1-A

Matrix: Water

Analysis Batch: 37737

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 37697

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		02/21/25 13:26	02/21/25 17:02	1

Lab Sample ID: LCS 705-37697/2-A

Matrix: Water

Analysis Batch: 37737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 37697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00422		mg/L		106	80 - 120

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QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 705-21241-F-1-F MS

Matrix: Water

Analysis Batch: 37737

Client Sample ID: Matrix Spike

Prep Type: Dissolved

Prep Batch: 37697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00400	0.00390		mg/L		98	75 - 125

Lab Sample ID: 705-21241-F-1-G MSD

Matrix: Water

Analysis Batch: 37737

Client Sample ID: Matrix Spike Duplicate

Prep Type: Dissolved

Prep Batch: 37697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00400	0.00426		mg/L		106	75 - 125	9	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-37459/1-A

Matrix: Solid

Analysis Batch: 37471

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37459

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	mg/Kg		02/20/25 11:29	02/20/25 15:48	1

Lab Sample ID: LCS 705-37459/2-A

Matrix: Solid

Analysis Batch: 37471

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37459

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.407		mg/Kg		102	80 - 120

Lab Sample ID: 705-19844-E-1-E MS

Matrix: Solid

Analysis Batch: 37471

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 37459

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.408	0.422		mg/Kg	✱	103	80 - 120

Lab Sample ID: 705-19844-E-1-F MSD

Matrix: Solid

Analysis Batch: 37471

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 37459

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.408	0.429		mg/Kg	✱	105	80 - 120	2	20

Accreditation/Certification Summary

Client: Logic Environmental
Project/Site: S153

Job ID: 705-20876-1

Laboratory: Eurofins Atlanta

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
D 2216		Solid	Percent Moisture

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END OF REPORT