



August 22, 2024

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, 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 August 1, 2024, by John Franck, Professional Geologist.

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 Department of Environmental Protection (Georgia EPD). Soil sample analytical results are included in Table 2.

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

All field screening results for water samples were within acceptable parameters with the exception of a slightly elevated pH level in the water collected from the Lower Stormwater Management Pond. The higher pH level in this pond was likely due to the low water level and the presence of algae in the water. Lead was identified in the water sample collected from the Filtration Pond (FSP-1) at a concentration of 0.025 milligrams per liter (mg/L), which is above the most stringent in-stream limit for surface water of 0.0012 mg/L. Lead was not identified in any water samples collected downstream from this pond, indicating this constituent is limited to the Filtration Pond. Barium and chromium were also identified in sample FP-1 at concentrations well below the Environmental Protection Agency (EPA) maximum contaminant levels (MCLs) for drinking water. Barium was identified at concentration of 0.036 mg/L in the sample collected from the Upper Stormwater Management Pond (UP-1), well below the MCL. No other metals were identified in any of the samples. No VOCs or SVOCs were identified in any of the 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,



John Franck, P.G.
Geologist

Attach.

CC: Chris Fonzi (w Attach.)
Ciara Ceabolt (w Attach.)

TABLES

TABLE 1

SAMPLE COLLECTION POINTS
1563 Calvary Church Road, Gainesville, Georgia

Location	Date	Description	Designation	Visible Conditions	Sample Collected
Receiving Concrete Pad	8/1/24	Sludge	RCP-1	Sludge Present	✓
Soil Drying Area	8/1/24	Dewatered Soil	SD-1	Soil Present	✓
Receiving Pond	8/1/24	Waste Water	RP-1	2' of Water in Pond	
Filtration Pond	8/1/24	Waste Water	FP-1	6" of Water in Pond	✓
Upper Storm Water Management Pond	8/1/24	Storm Water Runoff	UP-1	2' Water in Pond	✓
Lower Storm Water Management Pond	8/1/24	Storm Water Runoff	LP-1	4" Water in Pond	✓
Walnut Creek at Gibbs Dr. Bridge (Off Site)	8/1/24	Downstream	DS-1	Flowing Water	✓

TABLE 2

SOIL 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
RCP-1	Sludge	8/1/24	10:35	NA ²	NA	NA	2.2	89	30	18	BDL ³	BDL
SD-1	Soil	8/1/24	11:05	NA	NA	NA	2.6	120	12	7.7	BDL	BDL
HSRA Notification Concentration ⁴												
							41	500	1,200	400	Varies	Varies

1. All concentrations expressed in milligrams per kilogram (mg/Kg)

2. NA – Not Analyzed

3. BDL– Below Detection Levels

4. Notification Concentration as established by the Georgia Environmental Protection Division, Hazardous Site Response Act Appendix 1

TABLE 3

WATER SAMPLE ANALYSIS
1563 Calvary Church Road, Gainesville, Georgia

Sample	Matrix	Date	Time	pH	Specific Conductivity (mS/cm)	Turbidity (NTUs)	Arsenic ¹	Barium	Chromium	Lead	VOC	SVOC
RP-1	Water	NS ²	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FP-1	Water	8/1/24	11:50 AM	6.85	0.060	416	BDL	0.14	0.027	0.025	BDL ³	BDL
UP-1	Water	8/1/24	12:15 AM	7.46	0.146	187	BDL	0.036	BDL	BDL	BDL	BDL
LP-1	Water	8/1/24	12:50 PM	8.90	0.073	82	BDL	BDL	BDL	BDL	BDL	BDL
DS-1	Water	8/1/24	11:45 AM	7.04	0.069	10.8	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)

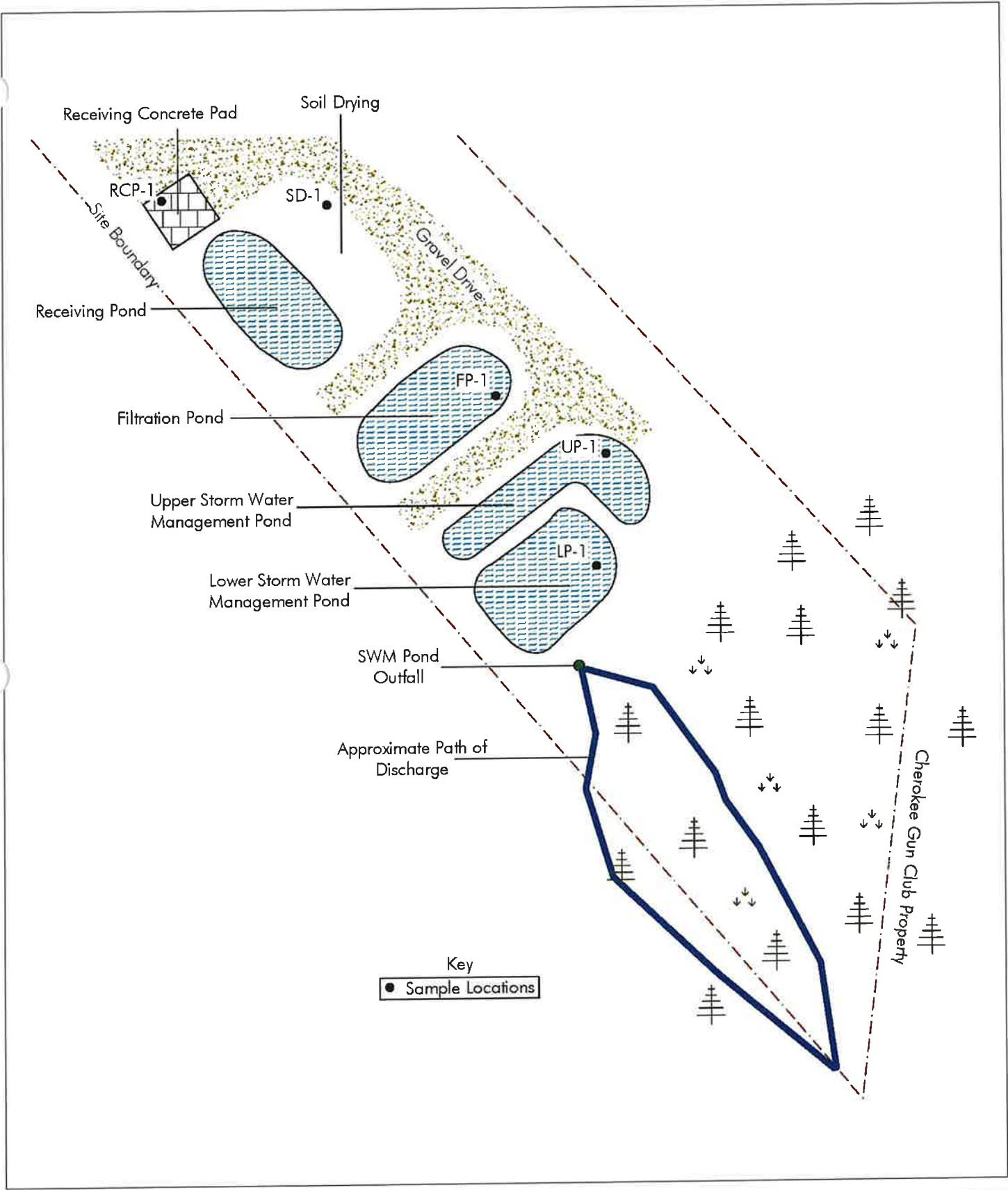
2. NS – Not Sampled

3. BDL – Below Detection Level

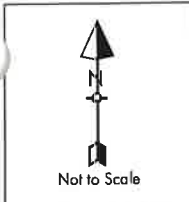
4. Maximum Contaminant Level for drinking water (U.S. EPA)/Most Stringent In-Stream Limit for surface water in Georgia (Georgia Rules For Water Quality Control, 391-3-6)

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

FIGURES



Key
 ● Sample Locations



SAMPLE LOCATIONS (ON SITE)
 1563 Calvary Church Road
 Gainesville, Georgia

Figure
 1



Not to Scale

LOGIC
ENVIRONMENTAL

SAMPLE LOCATION (DOWNSTREAM)

1563 Calvary Church Road
Gainesville, Georgia

Figure
2

ATTACHMENT



ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Ciara Sebolt
Logic Environmental
3400 McClure Bridge Rd
Suite 601A
Duluth, Georgia 30096
Generated 8/19/2024 4:17:20 PM

JOB DESCRIPTION

S153

JOB NUMBER

705-3367-1

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

Generated
8/19/2024 4:17:20 PM

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

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Chain of Custody	5
Case Narrative	6
Client Sample Results	8
Detection Summary	28
Receipt Checklists	29
Surrogate Summary	30
Lab Chronicle	32
QC Sample Results	35
Certification Summary	56
End Of Report	57

Definitions/Glossary

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low 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.
α	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)
LD	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

Client Information		Sampler: JOHN FRANK	Lab PM: Kararic, Mirzela	Carrier Tracking No(s): 705-2782-1073 1
Client Contact: Ms Clara Seabolt		Phone: [blank]	E-Mail: mirzela.kararic@et.eurofins.com	Page: Page 1 of 1
Company: Logic Environmental		PWSID: [blank]		Job #: [blank]
Address: 3400 McClure Bridge Rd Suite 601A		Analysis Requested		
City: Duluth		8270E - (MOD) 8270 TCL		
State/Zip: GA, 30096		8260D, 7470A		
Phone: 770-817-0212 (Tel)		8270E - (MOD) 8270 TCL		
Email: cseabolt@logicenvironmental.com		8260D, 7471B		
Project Name: Logic Environmental		8270E - (MOD) 8270 TCL		
Site: 1563 CALVAAY CHURCH		8260D, 7470A		
Due Date Requested: [blank]		8270E - (MOD) 8270 TCL		
TAT Requested (days): 5 (STANDARD)		8260D, 7471B		
Compliance Project: [blank]		8270E - (MOD) 8270 TCL		
PO #: [blank]		8260D, 7470A		
Purchase Order not required		8270E - (MOD) 8270 TCL		
WO #: [blank]		8260D, 7471B		
Project #: 70500254		8270E - (MOD) 8270 TCL		
SSOW#: [blank]		8260D, 7470A		
Matrix (W=water, B=solid, O=water, A=air)		8270E - (MOD) 8270 TCL		
Sample Type (C=comp, G=grab)		8260D, 7471B		
Sample Time		8270E - (MOD) 8270 TCL		
Sample Date		8260D, 7470A		
Sample Identification		8270E - (MOD) 8270 TCL		
FP-1	1150	Water	X	X
UP-1	1215	Water	X	X
LP-1	1250	Water	X	X
DS-1	1330	Water	X	X
RCP-1	1635	Solid	X	X
SD-1	1105	Solid	X	X
TRIP BLANK		Water	X	X

705 3367 000



Possible Hazard Identification

Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Deliverable Requested I, II, III, IV, Other (specify) [blank]

Empty Kit Relinquished by: [blank]

Relinquished by: [Signature]

Relinquished by: [Signature]

Relinquished by: [blank]

Custody Seals Intact: Yes No

Custody Seal No: [blank]

Sample Disposal (A fee may be assessed if samples are retained)

Return To Client Disposal By Lab Archive

Special Instructions/QC Requirements

Method of Shipment: [blank]

Received by: [Signature]

Received by: [Signature]

Received by: [Signature]

Cooler Temperature(s) °C and Other Remarks: 0.5°C 10.8°C

Case Narrative

Client: Logic Environmental
Project: S153

Job ID: 705-3367-1

Job ID: 705-3367-1

Eurofins Atlanta

Job Narrative 705-3367-1

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 8/1/2024 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.5°C and 0.8°C.

Receipt Exceptions

The following samples were received at the laboratory without a sample collection date documented on the chain of custody: FP-1 (705-3367-1), UP-1 (705-3367-2), LP-1 (705-3367-3), DS-1 (705-3367-4), RCP-1 (705-3367-5), SD-1 (705-3367-6) and TRIP BLANK (705-3367-7). Samples were logged in using the collection time on the bottle labels.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 705-6602 recovered outside acceptance criteria, low biased, for Chloromethane and Chloroethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 705-7082 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (705-3499-B-20-A DU).

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) precision for preparation batch 705-6283 and analytical batch 705-6904 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-6283 and analytical batch 705-6904 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 continuing calibration verification (CCV) associated with batch 705-8342 recovered above the upper control limit for 2,4-Dinitrophenol, Hexachlorocyclopentadiene and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: RCP-1 (705-3367-5) and SD-1 (705-3367-6).

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 705-6739 and analytical batch 705-6881 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

General Chemistry

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

Eurofins Atlanta

Case Narrative

Job ID: 705-3367-1

Client: Logic Environmental
Project: S153

Job ID: 705-3367-1 (Continued)

Eurofins Atlanta

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: FP-1

Lab Sample ID: 705-3367-1

Date Collected: 08/01/24 11:50

Matrix: Water

Date Received: 08/01/24 15:30

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			08/04/24 01:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			08/04/24 01:15	1
1,1,2-Trichloroethane	ND		5.0	ug/L			08/04/24 01:15	1
1,1-Dichloroethane	ND		5.0	ug/L			08/04/24 01:15	1
1,1-Dichloroethene	ND		5.0	ug/L			08/04/24 01:15	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			08/04/24 01:15	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			08/04/24 01:15	1
1,2-Dichlorobenzene	ND		5.0	ug/L			08/04/24 01:15	1
1,2-Dichloroethane	ND		5.0	ug/L			08/04/24 01:15	1
1,2-Dichloropropane	ND		5.0	ug/L			08/04/24 01:15	1
1,3-Dichlorobenzene	ND		5.0	ug/L			08/04/24 01:15	1
1,4-Dichlorobenzene	ND		5.0	ug/L			08/04/24 01:15	1
2-Butanone	ND		50	ug/L			08/04/24 01:15	1
2-Hexanone	ND		10	ug/L			08/04/24 01:15	1
4-Methyl-2-pentanone	ND		10	ug/L			08/04/24 01:15	1
Acetone	ND		50	ug/L			08/04/24 01:15	1
Benzene	ND		5.0	ug/L			08/04/24 01:15	1
Bromodichloromethane	ND		5.0	ug/L			08/04/24 01:15	1
Bromoform	ND		5.0	ug/L			08/04/24 01:15	1
Bromomethane	ND		5.0	ug/L			08/04/24 01:15	1
Carbon disulfide	ND		5.0	ug/L			08/04/24 01:15	1
Carbon tetrachloride	ND		5.0	ug/L			08/04/24 01:15	1
Chlorobenzene	ND		5.0	ug/L			08/04/24 01:15	1
Chloroethane	ND		10	ug/L			08/04/24 01:15	1
Chloroform	ND		5.0	ug/L			08/04/24 01:15	1
Chloromethane	ND		10	ug/L			08/04/24 01:15	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			08/04/24 01:15	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			08/04/24 01:15	1
Cyclohexane	ND		5.0	ug/L			08/04/24 01:15	1
Dibromochloromethane	ND		5.0	ug/L			08/04/24 01:15	1
Dichlorodifluoromethane	ND		10	ug/L			08/04/24 01:15	1
Ethylbenzene	ND		5.0	ug/L			08/04/24 01:15	1
Freon-113	ND		10	ug/L			08/04/24 01:15	1
Isopropylbenzene	ND		5.0	ug/L			08/04/24 01:15	1
m-Xylene & p-Xylene	ND		5.0	ug/L			08/04/24 01:15	1
Methyl acetate	ND		5.0	ug/L			08/04/24 01:15	1
Methyl tert-butyl ether	ND		5.0	ug/L			08/04/24 01:15	1
Methylcyclohexane	ND		5.0	ug/L			08/04/24 01:15	1
Methylene Chloride	ND		5.0	ug/L			08/04/24 01:15	1
o-Xylene	ND		5.0	ug/L			08/04/24 01:15	1
Styrene	ND		5.0	ug/L			08/04/24 01:15	1
Tetrachloroethene	ND		5.0	ug/L			08/04/24 01:15	1
Toluene	ND		5.0	ug/L			08/04/24 01:15	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			08/04/24 01:15	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			08/04/24 01:15	1
Trichloroethene	ND		5.0	ug/L			08/04/24 01:15	1
Trichlorofluoromethane	ND		5.0	ug/L			08/04/24 01:15	1
Vinyl chloride	ND		5.0	ug/L			08/04/24 01:15	1
1,2-Dichloroethene, Total	ND		5.0	ug/L			08/04/24 01:15	1

Euofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: FP-1

Lab Sample ID: 705-3367-1

Date Collected: 08/01/24 11:50

Matrix: Water

Date Received: 08/01/24 15:30

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			08/04/24 01:15	1
1,2-Dibromoethane	ND		5.0	ug/L			08/04/24 01:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 126		08/04/24 01:15	1
Dibromofluoromethane (Surr)	100		77 - 121		08/04/24 01:15	1
Toluene-d8 (Surr)	98		79 - 119		08/04/24 01:15	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		08/05/24 10:38	08/06/24 20:51	1
2,4,5-Trichlorophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 20:51	1
2,4,6-Trichlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
2,4-Dichlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
2,4-Dimethylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
2,4-Dinitrophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 20:51	1
2,4-Dinitrotoluene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
2,6-Dinitrotoluene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
2-Chloronaphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
2-Chlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
2-Methylnaphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
2-Methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
2-Nitroaniline	ND		50	ug/L		08/05/24 10:38	08/06/24 20:51	1
2-Nitrophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
3 & 4 Methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
3,3'-Dichlorobenzidine	ND		20	ug/L		08/05/24 10:38	08/06/24 20:51	1
3-Nitroaniline	ND		25	ug/L		08/05/24 10:38	08/06/24 20:51	1
4,6-Dinitro-2-methylphenol	ND		25	ug/L		08/05/24 10:38	08/06/24 20:51	1
4-Bromophenyl phenyl ether	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
4-Chloro-3-methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
4-Chloroaniline	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
4-Chlorophenyl phenyl ether	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
4-Nitroaniline	ND		25	ug/L		08/05/24 10:38	08/06/24 20:51	1
4-Nitrophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 20:51	1
Acenaphthene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Acenaphthylene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Acetophenone	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Atrazine	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Benzaldehyde	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Benzo[a]anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Benzo[a]pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Benzo[b]fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Benzo[g,h,i]perylene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Benzo[k]fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Bis(2-chloroethoxy)methane	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Bis(2-chloroethyl)ether	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Bis(2-chloroisopropyl) ether	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Bis(2-ethylhexyl) phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Butyl benzyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: FP-1

Lab Sample ID: 705-3367-1

Date Collected: 08/01/24 11:50

Matrix: Water

Date Received: 08/01/24 15:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Carbazole	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Chrysene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Dibenz(a,h)anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Dibenzofuran	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Diethyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Dimethyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Di-n-butyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Di-n-octyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Fluorene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Hexachlorobenzene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Hexachlorobutadiene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Hexachlorocyclopentadiene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Hexachloroethane	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Indeno[1,2,3-cd]pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Isophorone	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Naphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Nitrobenzene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
N-Nitrosodi-n-propylamine	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
N-Nitrosodiphenylamine	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Pentachlorophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 20:51	1
Phenanthrene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Phenol	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1
Pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	102		53 - 132	08/05/24 10:38	08/06/24 20:51	1
2-Fluorobiphenyl (Surr)	89		48 - 126	08/05/24 10:38	08/06/24 20:51	1
2-Fluorophenol (Surr)	57		29 - 120	08/05/24 10:38	08/06/24 20:51	1
Nitrobenzene-d5 (Surr)	89		41 - 129	08/05/24 10:38	08/06/24 20:51	1
Phenol-d5 (Surr)	38		21 - 120	08/05/24 10:38	08/06/24 20:51	1
p-Terphenyl-d14 (Surr)	94		48 - 130	08/05/24 10:38	08/06/24 20:51	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L		08/05/24 14:23	08/07/24 13:02	1
Barium	0.14		0.020	mg/L		08/05/24 14:23	08/07/24 13:02	1
Cadmium	ND		0.0050	mg/L		08/05/24 14:23	08/07/24 13:02	1
Chromium	0.027		0.010	mg/L		08/05/24 14:23	08/07/24 13:02	1
Lead	0.025		0.010	mg/L		08/05/24 14:23	08/07/24 13:02	1
Selenium	ND		0.020	mg/L		08/05/24 14:23	08/07/24 13:02	1
Silver	ND		0.010	mg/L		08/05/24 14:23	08/07/24 13:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		08/06/24 14:13	08/07/24 13:45	1

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: UP-1

Lab Sample ID: 705-3367-2

Date Collected: 08/01/24 12:15

Matrix: Water

Date Received: 08/01/24 15:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.0	ug/L			08/04/24 02:02	1
Carbon disulfide	ND		5.0	ug/L			08/04/24 02:02	1
Carbon tetrachloride	ND		5.0	ug/L			08/04/24 02:02	1
2-Hexanone	ND		10	ug/L			08/04/24 02:02	1
Cyclohexane	ND		5.0	ug/L			08/04/24 02:02	1
Xylenes, Total	ND		5.0	ug/L			08/04/24 02:02	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			08/04/24 02:02	1
Chlorobenzene	ND		5.0	ug/L			08/04/24 02:02	1
Vinyl chloride	ND		5.0	ug/L			08/04/24 02:02	1
Acetone	ND		50	ug/L			08/04/24 02:02	1
m-Xylene & p-Xylene	ND		5.0	ug/L			08/04/24 02:02	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			08/04/24 02:02	1
Styrene	ND		5.0	ug/L			08/04/24 02:02	1
Bromodichloromethane	ND		5.0	ug/L			08/04/24 02:02	1
1,3-Dichlorobenzene	ND		5.0	ug/L			08/04/24 02:02	1
Benzene	ND		5.0	ug/L			08/04/24 02:02	1
Chloroethane	ND		10	ug/L			08/04/24 02:02	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			08/04/24 02:02	1
o-Xylene	ND		5.0	ug/L			08/04/24 02:02	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			08/04/24 02:02	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			08/04/24 02:02	1
Toluene	ND		5.0	ug/L			08/04/24 02:02	1
Chloroform	ND		5.0	ug/L			08/04/24 02:02	1
Dibromochloromethane	ND		5.0	ug/L			08/04/24 02:02	1
Dichlorodifluoromethane	ND		10	ug/L			08/04/24 02:02	1
1,1,2-Trichloroethane	ND		5.0	ug/L			08/04/24 02:02	1
Chloromethane	ND		10	ug/L			08/04/24 02:02	1
Methylene Chloride	ND		5.0	ug/L			08/04/24 02:02	1
1,1-Dichloroethene	ND		5.0	ug/L			08/04/24 02:02	1
Isopropylbenzene	ND		5.0	ug/L			08/04/24 02:02	1
1,2-Dichloroethane	ND		5.0	ug/L			08/04/24 02:02	1
4-Methyl-2-pentanone	ND		10	ug/L			08/04/24 02:02	1
Tetrachloroethene	ND		5.0	ug/L			08/04/24 02:02	1
1,2-Dichloroethene, Total	ND		5.0	ug/L			08/04/24 02:02	1
1,1,1-Trichloroethane	ND		5.0	ug/L			08/04/24 02:02	1
1,2-Dibromoethane	ND		5.0	ug/L			08/04/24 02:02	1
Freon-113	ND		10	ug/L			08/04/24 02:02	1
Methyl acetate	ND		5.0	ug/L			08/04/24 02:02	1
Bromoform	ND		5.0	ug/L			08/04/24 02:02	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			08/04/24 02:02	1
Trichlorofluoromethane	ND		5.0	ug/L			08/04/24 02:02	1
Trichloroethene	ND		5.0	ug/L			08/04/24 02:02	1
Methylcyclohexane	ND		5.0	ug/L			08/04/24 02:02	1
2-Butanone	ND		50	ug/L			08/04/24 02:02	1
1,2-Dichloropropane	ND		5.0	ug/L			08/04/24 02:02	1
Methyl tert-butyl ether	ND		5.0	ug/L			08/04/24 02:02	1
1,4-Dichlorobenzene	ND		5.0	ug/L			08/04/24 02:02	1
Ethylbenzene	ND		5.0	ug/L			08/04/24 02:02	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			08/04/24 02:02	1

Eurolins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: UP-1

Lab Sample ID: 705-3367-2

Date Collected: 08/01/24 12:15

Matrix: Water

Date Received: 08/01/24 15:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		5.0	ug/L			08/04/24 02:02	1
Bromomethane	ND		5.0	ug/L			08/04/24 02:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		77 - 121				08/04/24 02:02	1
4-Bromofluorobenzene	95		70 - 126				08/04/24 02:02	1
Toluene-d8 (Surr)	98		79 - 119				08/04/24 02:02	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		08/05/24 10:38	08/06/24 21:17	1
2,4,5-Trichlorophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 21:17	1
2,4,6-Trichlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
2,4-Dichlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
2,4-Dimethylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
2,4-Dinitrophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 21:17	1
2,4-Dinitrotoluene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
2,6-Dinitrotoluene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
2-Chloronaphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
2-Chlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
2-Methylnaphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
2-Methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
2-Nitroaniline	ND		50	ug/L		08/05/24 10:38	08/06/24 21:17	1
2-Nitrophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
3 & 4 Methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
3,3'-Dichlorobenzidine	ND		20	ug/L		08/05/24 10:38	08/06/24 21:17	1
3-Nitroaniline	ND		25	ug/L		08/05/24 10:38	08/06/24 21:17	1
4,6-Dinitro-2-methylphenol	ND		25	ug/L		08/05/24 10:38	08/06/24 21:17	1
4-Bromophenyl phenyl ether	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
4-Chloro-3-methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
4-Chloroaniline	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
4-Chlorophenyl phenyl ether	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
4-Nitroaniline	ND		25	ug/L		08/05/24 10:38	08/06/24 21:17	1
4-Nitrophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 21:17	1
Acenaphthene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Acenaphthylene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Acetophenone	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Atrazine	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Benzaldehyde	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Benzo[a]anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Benzo[a]pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Benzo[b]fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Benzo[g,h,i]perylene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Benzo[k]fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Bis(2-chloroethoxy)methane	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Bis(2-chloroethyl)ether	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Bis(2-chloroisopropyl) ether	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Bis(2-ethylhexyl) phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Butyl benzyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: UP-1

Lab Sample ID: 705-3367-2

Date Collected: 08/01/24 12:15

Matrix: Water

Date Received: 08/01/24 15:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Carbazole	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Chrysene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Dibenz(a,h)anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Dibenzofuran	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Diethyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Dimethyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Di-n-butyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Di-n-octyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Fluorene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Hexachlorobenzene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Hexachlorobutadiene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Hexachlorocyclopentadiene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Hexachloroethane	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Indeno[1,2,3-cd]pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Isophorone	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Naphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Nitrobenzene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
N-Nitrosodi-n-propylamine	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
N-Nitrosodiphenylamine	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Pentachlorophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 21:17	1
Phenanthrene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Phenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1
Pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	106		53 - 132	08/05/24 10:38	08/06/24 21:17	1
2-Fluorobiphenyl (Surr)	94		48 - 126	08/05/24 10:38	08/06/24 21:17	1
2-Fluorophenol (Surr)	60		29 - 120	08/05/24 10:38	08/06/24 21:17	1
Nitrobenzene-d5 (Surr)	94		41 - 129	08/05/24 10:38	08/06/24 21:17	1
Phenol-d5 (Surr)	35		21 - 120	08/05/24 10:38	08/06/24 21:17	1
p-Terphenyl-d14 (Surr)	97		48 - 130	08/05/24 10:38	08/06/24 21:17	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.010	mg/L		08/05/24 14:23	08/07/24 13:05	1
Selenium	ND		0.020	mg/L		08/05/24 14:23	08/07/24 13:05	1
Chromium	ND		0.010	mg/L		08/05/24 14:23	08/07/24 13:05	1
Arsenic	ND		0.050	mg/L		08/05/24 14:23	08/07/24 13:05	1
Cadmium	ND		0.0050	mg/L		08/05/24 14:23	08/07/24 13:05	1
Barium	0.036		0.020	mg/L		08/05/24 14:23	08/07/24 13:05	1
Lead	ND		0.010	mg/L		08/05/24 14:23	08/07/24 13:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		08/06/24 14:13	08/07/24 13:49	1

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: LP-1

Lab Sample ID: 705-3367-3

Date Collected: 08/01/24 12:50

Matrix: Water

Date Received: 08/01/24 15:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.0	ug/L			08/04/24 01:39	1
Carbon disulfide	ND		5.0	ug/L			08/04/24 01:39	1
Carbon tetrachloride	ND		5.0	ug/L			08/04/24 01:39	1
2-Hexanone	ND		10	ug/L			08/04/24 01:39	1
Cyclohexane	ND		5.0	ug/L			08/04/24 01:39	1
Xylenes, Total	ND		5.0	ug/L			08/04/24 01:39	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			08/04/24 01:39	1
Chlorobenzene	ND		5.0	ug/L			08/04/24 01:39	1
Vinyl chloride	ND		5.0	ug/L			08/04/24 01:39	1
Acetone	ND		50	ug/L			08/04/24 01:39	1
m-Xylene & p-Xylene	ND		5.0	ug/L			08/04/24 01:39	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			08/04/24 01:39	1
Styrene	ND		5.0	ug/L			08/04/24 01:39	1
Bromodichloromethane	ND		5.0	ug/L			08/04/24 01:39	1
1,3-Dichlorobenzene	ND		5.0	ug/L			08/04/24 01:39	1
Benzene	ND		5.0	ug/L			08/04/24 01:39	1
Chloroethane	ND		10	ug/L			08/04/24 01:39	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			08/04/24 01:39	1
o-Xylene	ND		5.0	ug/L			08/04/24 01:39	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			08/04/24 01:39	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			08/04/24 01:39	1
Toluene	ND		5.0	ug/L			08/04/24 01:39	1
Chloroform	ND		5.0	ug/L			08/04/24 01:39	1
Dibromochloromethane	ND		5.0	ug/L			08/04/24 01:39	1
Dichlorodifluoromethane	ND		10	ug/L			08/04/24 01:39	1
1,1,2-Trichloroethane	ND		5.0	ug/L			08/04/24 01:39	1
Chloromethane	ND		10	ug/L			08/04/24 01:39	1
Methylene Chloride	ND		5.0	ug/L			08/04/24 01:39	1
1,1-Dichloroethene	ND		5.0	ug/L			08/04/24 01:39	1
Isopropylbenzene	ND		5.0	ug/L			08/04/24 01:39	1
1,2-Dichloroethane	ND		5.0	ug/L			08/04/24 01:39	1
4-Methyl-2-pentanone	ND		10	ug/L			08/04/24 01:39	1
Tetrachloroethene	ND		5.0	ug/L			08/04/24 01:39	1
1,2-Dichloroethene, Total	ND		5.0	ug/L			08/04/24 01:39	1
1,1,1-Trichloroethane	ND		5.0	ug/L			08/04/24 01:39	1
1,2-Dibromoethane	ND		5.0	ug/L			08/04/24 01:39	1
Freon-113	ND		10	ug/L			08/04/24 01:39	1
Methyl acetate	ND		5.0	ug/L			08/04/24 01:39	1
Bromoform	ND		5.0	ug/L			08/04/24 01:39	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			08/04/24 01:39	1
Trichlorofluoromethane	ND		5.0	ug/L			08/04/24 01:39	1
Trichloroethene	ND		5.0	ug/L			08/04/24 01:39	1
Methylcyclohexane	ND		5.0	ug/L			08/04/24 01:39	1
2-Butanone	ND		50	ug/L			08/04/24 01:39	1
1,2-Dichloropropane	ND		5.0	ug/L			08/04/24 01:39	1
Methyl tert-butyl ether	ND		5.0	ug/L			08/04/24 01:39	1
1,4-Dichlorobenzene	ND		5.0	ug/L			08/04/24 01:39	1
Ethylbenzene	ND		5.0	ug/L			08/04/24 01:39	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			08/04/24 01:39	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: LP-1

Lab Sample ID: 705-3367-3

Date Collected: 08/01/24 12:50

Matrix: Water

Date Received: 08/01/24 15:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		5.0	ug/L			08/04/24 01:39	1
Bromomethane	ND		5.0	ug/L			08/04/24 01:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		77 - 121				08/04/24 01:39	1
4-Bromofluorobenzene	96		70 - 126				08/04/24 01:39	1
Toluene-d8 (Surr)	94		79 - 119				08/04/24 01:39	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		08/05/24 10:38	08/06/24 21:43	1
2,4,5-Trichlorophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 21:43	1
2,4,6-Trichlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
2,4-Dichlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
2,4-Dimethylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
2,4-Dinitrophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 21:43	1
2,4-Dinitrotoluene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
2,6-Dinitrotoluene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
2-Chloronaphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
2-Chlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
2-Methylnaphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
2-Methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
2-Nitroaniline	ND		50	ug/L		08/05/24 10:38	08/06/24 21:43	1
2-Nitrophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
3 & 4 Methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
3,3'-Dichlorobenzidine	ND		20	ug/L		08/05/24 10:38	08/06/24 21:43	1
3-Nitroaniline	ND		25	ug/L		08/05/24 10:38	08/06/24 21:43	1
4,6-Dinitro-2-methylphenol	ND		25	ug/L		08/05/24 10:38	08/06/24 21:43	1
4-Bromophenyl phenyl ether	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
4-Chloro-3-methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
4-Chloroaniline	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
4-Chlorophenyl phenyl ether	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
4-Nitroaniline	ND		25	ug/L		08/05/24 10:38	08/06/24 21:43	1
4-Nitrophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 21:43	1
Acenaphthene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Acenaphthylene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Acetophenone	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Atrazine	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Benzaldehyde	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Benzo[a]anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Benzo[a]pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Benzo[b]fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Benzo[g,h,i]perylene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Benzo[k]fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Bis(2-chloroethoxy)methane	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Bis(2-chloroethyl)ether	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Bis(2-chloroisopropyl) ether	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Bis(2-ethylhexyl) phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Butyl benzyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: LP-1

Lab Sample ID: 705-3367-3

Date Collected: 08/01/24 12:50

Matrix: Water

Date Received: 08/01/24 15:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Carbazole	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Chrysene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Dibenz(a,h)anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Dibenzofuran	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Diethyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Dimethyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Di-n-butyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Di-n-octyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Fluorene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Hexachlorobenzene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Hexachlorobutadiene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Hexachlorocyclopentadiene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Hexachloroethane	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Indeno[1,2,3-cd]pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Isophorone	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Naphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Nitrobenzene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
N-Nitrosodi-n-propylamine	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
N-Nitrosodiphenylamine	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Pentachlorophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 21:43	1
Phenanthrene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Phenol	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1
Pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 21:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	95		53 - 132	08/05/24 10:38	08/06/24 21:43	1
2-Fluorobiphenyl (Surr)	82		48 - 126	08/05/24 10:38	08/06/24 21:43	1
2-Fluorophenol (Surr)	52		29 - 120	08/05/24 10:38	08/06/24 21:43	1
Nitrobenzene-d5 (Surr)	80		41 - 129	08/05/24 10:38	08/06/24 21:43	1
Phenol-d5 (Surr)	36		21 - 120	08/05/24 10:38	08/06/24 21:43	1
p-Terphenyl-d14 (Surr)	89		48 - 130	08/05/24 10:38	08/06/24 21:43	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.010	mg/L		08/05/24 14:23	08/07/24 13:08	1
Selenium	ND		0.020	mg/L		08/05/24 14:23	08/07/24 13:08	1
Chromium	ND		0.010	mg/L		08/05/24 14:23	08/07/24 13:08	1
Arsenic	ND		0.050	mg/L		08/05/24 14:23	08/07/24 13:08	1
Cadmium	ND		0.0050	mg/L		08/05/24 14:23	08/07/24 13:08	1
Barium	ND		0.020	mg/L		08/05/24 14:23	08/07/24 13:08	1
Lead	ND		0.010	mg/L		08/05/24 14:23	08/07/24 13:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		08/06/24 14:13	08/07/24 13:53	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: DS-1

Lab Sample ID: 705-3367-4

Date Collected: 08/01/24 13:30

Matrix: Water

Date Received: 08/01/24 15:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.0	ug/L			08/04/24 02:26	1
Carbon disulfide	ND		5.0	ug/L			08/04/24 02:26	1
Carbon tetrachloride	ND		5.0	ug/L			08/04/24 02:26	1
2-Hexanone	ND		10	ug/L			08/04/24 02:26	1
Cyclohexane	ND		5.0	ug/L			08/04/24 02:26	1
Xylenes, Total	ND		5.0	ug/L			08/04/24 02:26	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			08/04/24 02:26	1
Chlorobenzene	ND		5.0	ug/L			08/04/24 02:26	1
Vinyl chloride	ND		5.0	ug/L			08/04/24 02:26	1
Acetone	ND		50	ug/L			08/04/24 02:26	1
m-Xylene & p-Xylene	ND		5.0	ug/L			08/04/24 02:26	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			08/04/24 02:26	1
Styrene	ND		5.0	ug/L			08/04/24 02:26	1
Bromodichloromethane	ND		5.0	ug/L			08/04/24 02:26	1
1,3-Dichlorobenzene	ND		5.0	ug/L			08/04/24 02:26	1
Benzene	ND		5.0	ug/L			08/04/24 02:26	1
Chloroethane	ND		10	ug/L			08/04/24 02:26	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			08/04/24 02:26	1
o-Xylene	ND		5.0	ug/L			08/04/24 02:26	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			08/04/24 02:26	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			08/04/24 02:26	1
Toluene	ND		5.0	ug/L			08/04/24 02:26	1
Chloroform	ND		5.0	ug/L			08/04/24 02:26	1
Dibromochloromethane	ND		5.0	ug/L			08/04/24 02:26	1
Dichlorodifluoromethane	ND		10	ug/L			08/04/24 02:26	1
1,1,2-Trichloroethane	ND		5.0	ug/L			08/04/24 02:26	1
Chloromethane	ND		10	ug/L			08/04/24 02:26	1
Methylene Chloride	ND		5.0	ug/L			08/04/24 02:26	1
1,1-Dichloroethene	ND		5.0	ug/L			08/04/24 02:26	1
Isopropylbenzene	ND		5.0	ug/L			08/04/24 02:26	1
1,2-Dichloroethane	ND		5.0	ug/L			08/04/24 02:26	1
4-Methyl-2-pentanone	ND		10	ug/L			08/04/24 02:26	1
Tetrachloroethene	ND		5.0	ug/L			08/04/24 02:26	1
1,2-Dichloroethene, Total	ND		5.0	ug/L			08/04/24 02:26	1
1,1,1-Trichloroethane	ND		5.0	ug/L			08/04/24 02:26	1
1,2-Dibromoethane	ND		5.0	ug/L			08/04/24 02:26	1
Freon-113	ND		10	ug/L			08/04/24 02:26	1
Methyl acetate	ND		5.0	ug/L			08/04/24 02:26	1
Bromoform	ND		5.0	ug/L			08/04/24 02:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			08/04/24 02:26	1
Trichlorofluoromethane	ND		5.0	ug/L			08/04/24 02:26	1
Trichloroethene	ND		5.0	ug/L			08/04/24 02:26	1
Methylcyclohexane	ND		5.0	ug/L			08/04/24 02:26	1
2-Butanone	ND		50	ug/L			08/04/24 02:26	1
1,2-Dichloropropane	ND		5.0	ug/L			08/04/24 02:26	1
Methyl tert-butyl ether	ND		5.0	ug/L			08/04/24 02:26	1
1,4-Dichlorobenzene	ND		5.0	ug/L			08/04/24 02:26	1
Ethylbenzene	ND		5.0	ug/L			08/04/24 02:26	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			08/04/24 02:26	1

Eurolins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: DS-1

Lab Sample ID: 705-3367-4

Date Collected: 08/01/24 13:30

Matrix: Water

Date Received: 08/01/24 15:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		5.0	ug/L			08/04/24 02:26	1
Bromomethane	ND		5.0	ug/L			08/04/24 02:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		77 - 121				08/04/24 02:26	1
4-Bromofluorobenzene	95		70 - 126				08/04/24 02:26	1
Toluene-d8 (Surr)	97		79 - 119				08/04/24 02:26	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		08/05/24 10:38	08/06/24 22:10	1
2,4,5-Trichlorophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 22:10	1
2,4,6-Trichlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
2,4-Dichlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
2,4-Dimethylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
2,4-Dinitrophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 22:10	1
2,4-Dinitrotoluene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
2,6-Dinitrotoluene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
2-Chloronaphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
2-Chlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
2-Methylnaphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
2-Methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
2-Nitroaniline	ND		50	ug/L		08/05/24 10:38	08/06/24 22:10	1
2-Nitrophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
3 & 4 Methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
3,3'-Dichlorobenzidine	ND		20	ug/L		08/05/24 10:38	08/06/24 22:10	1
3-Nitroaniline	ND		25	ug/L		08/05/24 10:38	08/06/24 22:10	1
4,6-Dinitro-2-methylphenol	ND		25	ug/L		08/05/24 10:38	08/06/24 22:10	1
4-Bromophenyl phenyl ether	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
4-Chloro-3-methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
4-Chloroaniline	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
4-Chlorophenyl phenyl ether	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
4-Nitroaniline	ND		25	ug/L		08/05/24 10:38	08/06/24 22:10	1
4-Nitrophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 22:10	1
Acenaphthene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Acenaphthylene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Acetophenone	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Atrazine	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Benzaldehyde	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Benzo[a]anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Benzo[a]pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Benzo[b]fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Benzo[g,h,i]perylene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Benzo[k]fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Bis(2-chloroethoxy)methane	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Bis(2-chloroethyl)ether	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Bis(2-chloroisopropyl) ether	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Bis(2-ethylhexyl) phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Butyl benzyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: DS-1

Lab Sample ID: 705-3367-4

Date Collected: 08/01/24 13:30

Matrix: Water

Date Received: 08/01/24 15:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Carbazole	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Chrysene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Dibenz(a,h)anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Dibenzofuran	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Diethyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Dimethyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Di-n-butyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Di-n-octyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Fluorene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Hexachlorobenzene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Hexachlorobutadiene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Hexachlorocyclopentadiene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Hexachloroethane	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Indeno[1,2,3-cd]pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Isophorone	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Naphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Nitrobenzene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
N-Nitrosodi-n-propylamine	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
N-Nitrosodiphenylamine	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Pentachlorophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 22:10	1
Phenanthrene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Phenol	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1
Pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	103		53 - 132	08/05/24 10:38	08/06/24 22:10	1
2-Fluorobiphenyl (Surr)	96		48 - 126	08/05/24 10:38	08/06/24 22:10	1
2-Fluorophenol (Surr)	58		29 - 120	08/05/24 10:38	08/06/24 22:10	1
Nitrobenzene-d5 (Surr)	95		41 - 129	08/05/24 10:38	08/06/24 22:10	1
Phenol-d5 (Surr)	39		21 - 120	08/05/24 10:38	08/06/24 22:10	1
p-Terphenyl-d14 (Surr)	99		48 - 130	08/05/24 10:38	08/06/24 22:10	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.010	mg/L		08/05/24 14:23	08/07/24 13:11	1
Selenium	ND		0.020	mg/L		08/05/24 14:23	08/07/24 13:11	1
Chromium	ND		0.010	mg/L		08/05/24 14:23	08/07/24 13:11	1
Arsenic	ND		0.050	mg/L		08/05/24 14:23	08/07/24 13:11	1
Cadmium	ND		0.0050	mg/L		08/05/24 14:23	08/07/24 13:11	1
Barium	ND		0.020	mg/L		08/05/24 14:23	08/07/24 13:11	1
Lead	ND		0.010	mg/L		08/05/24 14:23	08/07/24 13:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		08/06/24 14:13	08/07/24 13:57	1

Euofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: RCP-1

Lab Sample ID: 705-3367-5

Date Collected: 08/01/24 10:35

Matrix: Solid

Date Received: 08/01/24 15:30

Percent Solids: 67.3

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,1,2,2-Tetrachloroethane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,1,2-Trichloroethane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,1-Dichloroethane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,1-Dichloroethene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,2,4-Trichlorobenzene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,2-Dibromo-3-Chloropropane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,2-Dichlorobenzene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,2-Dichloroethane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,2-Dichloropropane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,3-Dichlorobenzene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,4-Dichlorobenzene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
2-Butanone	ND		51	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
2-Hexanone	ND		10	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
4-Methyl-2-pentanone	ND		10	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Acetone	ND		100	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Benzene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Bromodichloromethane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Bromoform	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Bromomethane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Carbon disulfide	ND		10	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Carbon tetrachloride	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Chlorobenzene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Chloroethane	ND		10	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Chloroform	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Chloromethane	ND		10	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
cis-1,2-Dichloroethene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
cis-1,3-Dichloropropene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Cyclohexane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Dibromochloromethane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Dichlorodifluoromethane	ND		10	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Ethylbenzene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Freon-113	ND		10	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Isopropylbenzene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
m-Xylene & p-Xylene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Methyl acetate	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Methyl tert-butyl ether	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Methylcyclohexane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Methylene Chloride	ND		20	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
o-Xylene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Styrene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Tetrachloroethene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Toluene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
trans-1,2-Dichloroethene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
trans-1,3-Dichloropropene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Trichloroethene	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Trichlorofluoromethane	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
Vinyl chloride	ND		10	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1
1,2-Dichloroethene, Total	ND		5.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:08	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: RCP-1

Lab Sample ID: 705-3367-5

Date Collected: 08/01/24 10:35

Matrix: Solid

Date Received: 08/01/24 15:30

Percent Solids: 67.3

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		5.1	ug/Kg	☒	08/07/24 13:17	08/07/24 19:08	1
1,2-Dibromoethane	ND		5.1	ug/Kg	☒	08/07/24 13:17	08/07/24 19:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		67 - 127			08/07/24 13:17	08/07/24 19:08	1
Dibromofluoromethane (Surr)	99		80 - 119			08/07/24 13:17	08/07/24 19:08	1
Toluene-d8 (Surr)	98		71 - 129			08/07/24 13:17	08/07/24 19:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2,4,5-Trichlorophenol	ND		2500	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2,4,6-Trichlorophenol	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2,4-Dichlorophenol	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2,4-Dimethylphenol	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2,4-Dinitrophenol	ND		2500	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2,4-Dinitrotoluene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2,6-Dinitrotoluene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2-Chloronaphthalene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2-Chlorophenol	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2-Methylnaphthalene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2-Methylphenol	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2-Nitroaniline	ND		2500	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
2-Nitrophenol	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
3,3'-Dichlorobenzidine	ND		980	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
4,6-Dinitro-2-methylphenol	ND		2500	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
4-Bromophenyl phenyl ether	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
4-Chloro-3-methylphenol	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
4-Chloroaniline	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
4-Chlorophenyl phenyl ether	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
4-Nitroaniline	ND		2500	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
4-Nitrophenol	ND		2500	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Acenaphthene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Di-n-butyl phthalate	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Di-n-octyl phthalate	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Acenaphthylene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Acetophenone	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Anthracene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Atrazine	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Benzo[a]anthracene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Benzaldehyde	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Benzo[a]pyrene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Benzo[b]fluoranthene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Bis(2-chloroethoxy)methane	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Bis(2-chloroethyl)ether	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Bis(2-ethylhexyl) phthalate	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Butyl benzyl phthalate	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Caprolactam	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Carbazole	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Chrysene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: RCP-1

Lab Sample ID: 705-3367-5

Date Collected: 08/01/24 10:35

Matrix: Solid

Date Received: 08/01/24 15:30

Percent Solids: 67.3

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Dibenzofuran	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Diethyl phthalate	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Dimethyl phthalate	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Fluoranthene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Fluorene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Hexachlorobenzene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Hexachlorobutadiene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Hexachlorocyclopentadiene	ND		980	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Hexachloroethane	ND		3900	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Indeno[1,2,3-cd]pyrene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Isophorone	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
N-Nitrosodi-n-propylamine	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
N-Nitrosodiphenylamine	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Naphthalene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Nitrobenzene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Pentachlorophenol	ND		2500	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Phenanthrene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Phenol	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Pyrene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
3 & 4 Methylphenol	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Bis(2-chloroisopropyl) ether	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Benzo[g,h,i]perylene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
Benzo[k]fluoranthene	ND		490	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1
3-Nitroaniline	ND		2500	ug/Kg	☒	08/15/24 08:00	08/17/24 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	95		46 - 127	08/15/24 08:00	08/17/24 01:36	1
2-Fluorophenol (Surr)	86		44 - 120	08/15/24 08:00	08/17/24 01:36	1
Nitrobenzene-d5 (Surr)	91		45 - 120	08/15/24 08:00	08/17/24 01:36	1
Phenol-d5 (Surr)	92		47 - 120	08/15/24 08:00	08/17/24 01:36	1
2-Fluorobiphenyl (Surr)	92		55 - 120	08/15/24 08:00	08/17/24 01:36	1
p-Terphenyl-d14 (Surr)	97		54 - 120	08/15/24 08:00	08/17/24 01:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.2		0.87	mg/Kg	☒	08/07/24 12:06	08/07/24 15:37	1
Barium	89		0.87	mg/Kg	☒	08/07/24 12:06	08/07/24 15:37	1
Cadmium	ND		0.43	mg/Kg	☒	08/07/24 12:06	08/07/24 15:37	1
Chromium	30		0.43	mg/Kg	☒	08/07/24 12:06	08/07/24 15:37	1
Lead	18		0.87	mg/Kg	☒	08/07/24 12:06	08/07/24 15:37	1
Selenium	ND		0.87	mg/Kg	☒	08/07/24 12:06	08/07/24 15:37	1
Silver	ND		0.43	mg/Kg	☒	08/07/24 12:06	08/07/24 15:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	mg/Kg	☒	08/06/24 16:41	08/06/24 20:36	1

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: SD-1

Lab Sample ID: 705-3367-6

Date Collected: 08/01/24 11:05

Matrix: Solid

Date Received: 08/01/24 15:30

Percent Solids: 74.4

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,1,2,2-Tetrachloroethane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,1,2-Trichloroethane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,1-Dichloroethane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,1-Dichloroethene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,2,4-Trichlorobenzene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,2-Dibromo-3-Chloropropane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,2-Dichlorobenzene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,2-Dichloroethane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,2-Dichloropropane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,3-Dichlorobenzene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,4-Dichlorobenzene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
2-Butanone	ND		31	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
2-Hexanone	ND		6.3	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
4-Methyl-2-pentanone	ND		6.3	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Acetone	ND		63	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Benzene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Bromodichloromethane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Bromoform	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Bromomethane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Carbon disulfide	ND		6.3	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Carbon tetrachloride	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Chlorobenzene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Chloroethane	ND		6.3	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Chloroform	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Chloromethane	ND		6.3	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
cis-1,2-Dichloroethene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
cis-1,3-Dichloropropene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Cyclohexane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Dibromochloromethane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Dichlorodifluoromethane	ND		6.3	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Ethylbenzene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Freon-113	ND		6.3	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Isopropylbenzene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
m-Xylene & p-Xylene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Methyl acetate	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Methyl tert-butyl ether	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Methylcyclohexane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Methylene Chloride	ND		13	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
o-Xylene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Styrene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Tetrachloroethene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Toluene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
trans-1,2-Dichloroethene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
trans-1,3-Dichloropropene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Trichloroethene	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Trichlorofluoromethane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
Vinyl chloride	ND		6.3	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,2-Dichloroethene, Total	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: SD-1
Date Collected: 08/01/24 11:05
Date Received: 08/01/24 15:30

Lab Sample ID: 705-3367-6
Matrix: Solid
Percent Solids: 74.4

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1
1,2-Dibromoethane	ND		3.1	ug/Kg	✘	08/07/24 13:17	08/07/24 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		67 - 127	08/07/24 13:17	08/07/24 19:32	1
Dibromofluoromethane (Surr)	99		80 - 119	08/07/24 13:17	08/07/24 19:32	1
Toluene-d8 (Surr)	99		71 - 129	08/07/24 13:17	08/07/24 19:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2,4,5-Trichlorophenol	ND		2300	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2,4,6-Trichlorophenol	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2,4-Dichlorophenol	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2,4-Dimethylphenol	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2,4-Dinitrophenol	ND		2300	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2,4-Dinitrotoluene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2,6-Dinitrotoluene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2-Chloronaphthalene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2-Chlorophenol	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2-Methylnaphthalene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2-Methylphenol	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2-Nitroaniline	ND		2300	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
2-Nitrophenol	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
3,3'-Dichlorobenzidine	ND		890	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
4,6-Dinitro-2-methylphenol	ND		2300	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
4-Bromophenyl phenyl ether	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
4-Chloro-3-methylphenol	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
4-Chloroaniline	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
4-Chlorophenyl phenyl ether	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
4-Nitroaniline	ND		2300	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
4-Nitrophenol	ND		2300	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Acenaphthene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Di-n-butyl phthalate	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Di-n-octyl phthalate	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Acenaphthylene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Acetophenone	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Anthracene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Atrazine	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Benzo[a]anthracene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Benzaldehyde	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Benzo[a]pyrene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Benzo[b]fluoranthene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Bis(2-chloroethoxy)methane	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Bis(2-chloroethyl)ether	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Bis(2-ethylhexyl) phthalate	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Butyl benzyl phthalate	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Caprolactam	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Carbazole	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Chrysene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: SD-1

Lab Sample ID: 705-3367-6

Date Collected: 08/01/24 11:05

Matrix: Solid

Date Received: 08/01/24 15:30

Percent Solids: 74.4

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Dibenzofuran	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Diethyl phthalate	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Dimethyl phthalate	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Fluoranthene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Fluorene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Hexachlorobenzene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Hexachlorobutadiene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Hexachlorocyclopentadiene	ND		890	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Hexachloroethane	ND		3500	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Indeno[1,2,3-cd]pyrene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Isophorone	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
N-Nitrosodi-n-propylamine	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
N-Nitrosodiphenylamine	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Naphthalene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Nitrobenzene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Pentachlorophenol	ND		2300	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Phenanthrene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Phenol	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Pyrene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
3 & 4 Methylphenol	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Bis(2-chloroisopropyl) ether	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Benzo[g,h,i]perylene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
Benzo[k]fluoranthene	ND		440	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1
3-Nitroaniline	ND		2300	ug/Kg	✘	08/15/24 08:00	08/17/24 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	78		46 - 127	08/15/24 08:00	08/17/24 02:02	1
2-Fluorophenol (Surr)	72		44 - 120	08/15/24 08:00	08/17/24 02:02	1
Nitrobenzene-d5 (Surr)	73		45 - 120	08/15/24 08:00	08/17/24 02:02	1
Phenol-d5 (Surr)	77		47 - 120	08/15/24 08:00	08/17/24 02:02	1
2-Fluorobiphenyl (Surr)	77		55 - 120	08/15/24 08:00	08/17/24 02:02	1
p-Terphenyl-d14 (Surr)	80		54 - 120	08/15/24 08:00	08/17/24 02:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.35	mg/Kg	✘	08/07/24 12:06	08/07/24 15:40	1
Selenium	ND		0.70	mg/Kg	✘	08/07/24 12:06	08/07/24 15:40	1
Chromium	12		0.35	mg/Kg	✘	08/07/24 12:06	08/07/24 15:40	1
Arsenic	2.6		0.70	mg/Kg	✘	08/07/24 12:06	08/07/24 15:40	1
Cadmium	ND		0.35	mg/Kg	✘	08/07/24 12:06	08/07/24 15:40	1
Barium	120		0.70	mg/Kg	✘	08/07/24 12:06	08/07/24 15:40	1
Lead	7.7		0.70	mg/Kg	✘	08/07/24 12:06	08/07/24 15:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	mg/Kg	✘	08/06/24 16:41	08/06/24 20:39	1

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 705-3367-7

Date Collected: 08/01/24 00:00

Matrix: Water

Date Received: 08/01/24 15:30

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			08/03/24 22:31	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			08/03/24 22:31	1
1,1,2-Trichloroethane	ND		5.0	ug/L			08/03/24 22:31	1
1,1-Dichloroethane	ND		5.0	ug/L			08/03/24 22:31	1
1,1-Dichloroethene	ND		5.0	ug/L			08/03/24 22:31	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			08/03/24 22:31	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			08/03/24 22:31	1
1,2-Dichlorobenzene	ND		5.0	ug/L			08/03/24 22:31	1
1,2-Dichloroethane	ND		5.0	ug/L			08/03/24 22:31	1
1,2-Dichloropropane	ND		5.0	ug/L			08/03/24 22:31	1
1,3-Dichlorobenzene	ND		5.0	ug/L			08/03/24 22:31	1
1,4-Dichlorobenzene	ND		5.0	ug/L			08/03/24 22:31	1
2-Butanone	ND		50	ug/L			08/03/24 22:31	1
2-Hexanone	ND		10	ug/L			08/03/24 22:31	1
4-Methyl-2-pentanone	ND		10	ug/L			08/03/24 22:31	1
Acetone	ND		50	ug/L			08/03/24 22:31	1
Benzene	ND		5.0	ug/L			08/03/24 22:31	1
Bromodichloromethane	ND		5.0	ug/L			08/03/24 22:31	1
Bromoform	ND		5.0	ug/L			08/03/24 22:31	1
Bromomethane	ND		5.0	ug/L			08/03/24 22:31	1
Carbon disulfide	ND		5.0	ug/L			08/03/24 22:31	1
Carbon tetrachloride	ND		5.0	ug/L			08/03/24 22:31	1
Chlorobenzene	ND		5.0	ug/L			08/03/24 22:31	1
Chloroethane	ND		10	ug/L			08/03/24 22:31	1
Chloroform	ND		5.0	ug/L			08/03/24 22:31	1
Chloromethane	ND		10	ug/L			08/03/24 22:31	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			08/03/24 22:31	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			08/03/24 22:31	1
Cyclohexane	ND		5.0	ug/L			08/03/24 22:31	1
Dibromochloromethane	ND		5.0	ug/L			08/03/24 22:31	1
Dichlorodifluoromethane	ND		10	ug/L			08/03/24 22:31	1
Ethylbenzene	ND		5.0	ug/L			08/03/24 22:31	1
Freon-113	ND		10	ug/L			08/03/24 22:31	1
Isopropylbenzene	ND		5.0	ug/L			08/03/24 22:31	1
m-Xylene & p-Xylene	ND		5.0	ug/L			08/03/24 22:31	1
Methyl acetate	ND		5.0	ug/L			08/03/24 22:31	1
Methyl tert-butyl ether	ND		5.0	ug/L			08/03/24 22:31	1
Methylcyclohexane	ND		5.0	ug/L			08/03/24 22:31	1
Methylene Chloride	ND		5.0	ug/L			08/03/24 22:31	1
o-Xylene	ND		5.0	ug/L			08/03/24 22:31	1
Styrene	ND		5.0	ug/L			08/03/24 22:31	1
Tetrachloroethene	ND		5.0	ug/L			08/03/24 22:31	1
Toluene	ND		5.0	ug/L			08/03/24 22:31	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			08/03/24 22:31	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			08/03/24 22:31	1
Trichloroethene	ND		5.0	ug/L			08/03/24 22:31	1
Trichlorofluoromethane	ND		5.0	ug/L			08/03/24 22:31	1
Vinyl chloride	ND		5.0	ug/L			08/03/24 22:31	1
1,2-Dichloroethene, Total	ND		5.0	ug/L			08/03/24 22:31	1

Eurofins Atlanta

Client Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 705-3367-7

Date Collected: 08/01/24 00:00

Matrix: Water

Date Received: 08/01/24 15:30

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			08/03/24 22:31	1
1,2-Dibromoethane	ND		5.0	ug/L			08/03/24 22:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 126				08/03/24 22:31	1
Dibromofluoromethane (Surr)	104		77 - 121				08/03/24 22:31	1
Toluene-d8 (Surr)	98		79 - 119				08/03/24 22:31	1

Detection Summary

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: FP-1

Lab Sample ID: 705-3367-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.14		0.020	mg/L	1		6010D	Total/NA
Chromium	0.027		0.010	mg/L	1		6010D	Total/NA
Lead	0.025		0.010	mg/L	1		6010D	Total/NA

Client Sample ID: UP-1

Lab Sample ID: 705-3367-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.036		0.020	mg/L	1		6010D	Total/NA

Client Sample ID: LP-1

Lab Sample ID: 705-3367-3

No Detections.

Client Sample ID: DS-1

Lab Sample ID: 705-3367-4

No Detections.

Client Sample ID: RCP-1

Lab Sample ID: 705-3367-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.2		0.87	mg/Kg	1	✘	6010D	Total/NA
Barium	89		0.87	mg/Kg	1	✘	6010D	Total/NA
Chromium	30		0.43	mg/Kg	1	✘	6010D	Total/NA
Lead	18		0.87	mg/Kg	1	✘	6010D	Total/NA

Client Sample ID: SD-1

Lab Sample ID: 705-3367-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chromium	12		0.35	mg/Kg	1	✘	6010D	Total/NA
Arsenic	2.6		0.70	mg/Kg	1	✘	6010D	Total/NA
Barium	120		0.70	mg/Kg	1	✘	6010D	Total/NA
Lead	7.7		0.70	mg/Kg	1	✘	6010D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 705-3367-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Login Sample Receipt Checklist

Client: Logic Environmental

Job Number: 705-3367-1

Login Number: 3367
List Number: 1
Creator: Bellinger, Zacqaria

List Source: Eurofins Atlanta

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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.	N/A	
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	N/A	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (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: 705-3367-1

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

Prep Type: Total/NA

Matrix: Solid

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (67-127)	DBFM (80-119)	TOL (71-129)
705-3367-5	RCP-1	97	99	98
705-3367-6	SD-1	99	99	99
705-3499-B-19-A MS	Matrix Spike	100	98	100
705-3499-B-20-A DU	Duplicate	99	97	98
LCS 705-6991/2-A	Lab Control Sample	99	100	100
MB 705-6991/1-A	Method Blank	98	99	98

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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

Prep Type: Total/NA

Matrix: Water

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-126)	DBFM (77-121)	TOL (79-119)
705-3367-1	FP-1	96	100	98
705-3367-2	UP-1	95	99	98
705-3367-3	LP-1	96	100	94
705-3367-4	DS-1	95	101	97
705-3367-7	TRIP BLANK	96	104	98
705-3382-A-1 MS ^10	Matrix Spike	103	104	99
705-3382-A-1 MSD ^10	Matrix Spike Duplicate	99	99	99
LCS 705-6602/2	Lab Control Sample	100	102	100
MB 705-6602/4	Method Blank	100	104	98
MRL 705-6602/3	Lab Control Sample	96	99	99

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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

Prep Type: Total/NA

Matrix: Solid

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (46-127)	2FP (44-120)	NBZ (45-120)	PHL (47-120)	FBP (55-120)	TPHd14 (54-120)
705-3367-5	RCP-1	95	86	91	92	92	97
705-3367-6	SD-1	78	72	73	77	77	80
705-4434-A-1-B MS	Matrix Spike	85	80	83	84	85	87
705-4434-A-1-C MSD	Matrix Spike Duplicate	85	78	79	83	83	88
LCS 705-7921/2-A	Lab Control Sample	89	79	84	84	88	95
MB 705-7921/1-A	Method Blank	89	85	86	88	87	96

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)

Eurofins Atlanta

Surrogate Summary

Job ID: 705-3367-1

Client: Logic Environmental

Project/Site: S153

FBP = 2-Fluorobiphenyl (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

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

Prep Type: Total/NA

Matrix: Water

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (53-132)	FBP (48-126)	2FP (29-120)	NBZ (41-129)	PHL (21-120)	TPHd14 (48-130)
705-3367-1	FP-1	102	89	57	89	38	94
705-3367-2	UP-1	106	94	60	94	35	97
705-3367-3	LP-1	95	82	52	80	36	89
705-3367-4	DS-1	103	96	58	95	39	99
705-3399-B-70-A MS	Matrix Spike	100	93	68	94	22	103
705-3399-B-70-B MSD	Matrix Spike Duplicate	77	56	51	65	10 S1-	67
LCS 705-6283/2-A	Lab Control Sample	105	95	72	95	53	105
MB 705-6283/1-A	Method Blank	111	103	81	98	65	113

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: 705-3367-1

Client Sample ID: FP-1

Lab Sample ID: 705-3367-1
Matrix: Water

Date Collected: 08/01/24 11:50
Date Received: 08/01/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	6602	AV	EET ATL	08/04/24 01:15
Total/NA	Prep	3510C			6283	TT	EET ATL	08/05/24 10:38
Total/NA	Analysis	8270E		1	6904	YH	EET ATL	08/06/24 20:51
Total/NA	Prep	3010A			6516	BR	EET ATL	08/05/24 14:23
Total/NA	Analysis	6010D		1	6851	DS	EET ATL	08/07/24 13:02
Total/NA	Prep	7470A			6789	TA	EET ATL	08/06/24 14:13
Total/NA	Analysis	7470A		1	6901	SK	EET ATL	08/07/24 13:45

Client Sample ID: UP-1

Lab Sample ID: 705-3367-2
Matrix: Water

Date Collected: 08/01/24 12:15
Date Received: 08/01/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	6602	AV	EET ATL	08/04/24 02:02
Total/NA	Prep	3510C			6283	TT	EET ATL	08/05/24 10:38
Total/NA	Analysis	8270E		1	6904	YH	EET ATL	08/06/24 21:17
Total/NA	Prep	3010A			6516	BR	EET ATL	08/05/24 14:23
Total/NA	Analysis	6010D		1	6851	DS	EET ATL	08/07/24 13:05
Total/NA	Prep	7470A			6789	TA	EET ATL	08/06/24 14:13
Total/NA	Analysis	7470A		1	6901	SK	EET ATL	08/07/24 13:49

Client Sample ID: LP-1

Lab Sample ID: 705-3367-3
Matrix: Water

Date Collected: 08/01/24 12:50
Date Received: 08/01/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	6602	AV	EET ATL	08/04/24 01:39
Total/NA	Prep	3510C			6283	TT	EET ATL	08/05/24 10:38
Total/NA	Analysis	8270E		1	6904	YH	EET ATL	08/06/24 21:43
Total/NA	Prep	3010A			6516	BR	EET ATL	08/05/24 14:23
Total/NA	Analysis	6010D		1	6851	DS	EET ATL	08/07/24 13:08
Total/NA	Prep	7470A			6789	TA	EET ATL	08/06/24 14:13
Total/NA	Analysis	7470A		1	6901	SK	EET ATL	08/07/24 13:53

Client Sample ID: DS-1

Lab Sample ID: 705-3367-4
Matrix: Water

Date Collected: 08/01/24 13:30
Date Received: 08/01/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	6602	AV	EET ATL	08/04/24 02:26
Total/NA	Prep	3510C			6283	TT	EET ATL	08/05/24 10:38
Total/NA	Analysis	8270E		1	6904	YH	EET ATL	08/06/24 22:10
Total/NA	Prep	3010A			6516	BR	EET ATL	08/05/24 14:23
Total/NA	Analysis	6010D		1	6851	DS	EET ATL	08/07/24 13:11

Lab Chronicle

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: DS-1

Lab Sample ID: 705-3367-4

Date Collected: 08/01/24 13:30
Date Received: 08/01/24 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			6789	TA	EET ATL	08/06/24 14:13
Total/NA	Analysis	7470A		1	6901	SK	EET ATL	08/07/24 13:57

Client Sample ID: RCP-1

Lab Sample ID: 705-3367-5

Date Collected: 08/01/24 10:35
Date Received: 08/01/24 15:30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	D 2216		1	6325	ASA	EET ATL	08/02/24 11:43

Client Sample ID: RCP-1

Lab Sample ID: 705-3367-5

Date Collected: 08/01/24 10:35
Date Received: 08/01/24 15:30

Matrix: Solid
Percent Solids: 67.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			6991	RC	EET ATL	08/07/24 13:17
Total/NA	Analysis	8260D		1	7038	RC	EET ATL	08/07/24 19:08
Total/NA	Prep	3550C			7921	KE	EET ATL 2	08/15/24 08:00
Total/NA	Analysis	8270E		1	8342	YH	EET ATL	08/17/24 01:36
Total/NA	Prep	3050B			6739	SA	EET ATL	08/07/24 12:06
Total/NA	Analysis	6010D		1	6881	DS	EET ATL	08/07/24 15:37
Total/NA	Prep	7471B			6809	TA	EET ATL	08/06/24 16:41
Total/NA	Analysis	7471B		1	6845	TA	EET ATL	08/06/24 20:36

Client Sample ID: SD-1

Lab Sample ID: 705-3367-6

Date Collected: 08/01/24 11:05
Date Received: 08/01/24 15:30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	D 2216		1	6325	ASA	EET ATL	08/02/24 11:43

Client Sample ID: SD-1

Lab Sample ID: 705-3367-6

Date Collected: 08/01/24 11:05
Date Received: 08/01/24 15:30

Matrix: Solid
Percent Solids: 74.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			6991	RC	EET ATL	08/07/24 13:17
Total/NA	Analysis	8260D		1	7038	RC	EET ATL	08/07/24 19:32
Total/NA	Prep	3550C			7921	KE	EET ATL 2	08/15/24 08:00
Total/NA	Analysis	8270E		1	8342	YH	EET ATL	08/17/24 02:02
Total/NA	Prep	3050B			6739	SA	EET ATL	08/07/24 12:06
Total/NA	Analysis	6010D		1	6881	DS	EET ATL	08/07/24 15:40
Total/NA	Prep	7471B			6809	TA	EET ATL	08/06/24 16:41
Total/NA	Analysis	7471B		1	6845	TA	EET ATL	08/06/24 20:39

Lab Chronicle

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 705-3367-7
Matrix: Water

Date Collected: 08/01/24 00:00

Date Received: 08/01/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	6602	AV	EET ATL	08/03/24 22:31

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: 705-3367-1

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

Lab Sample ID: MB 705-6602/4
Matrix: Water
Analysis Batch: 6602

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

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			08/03/24 17:45	1
1,1,1-Trichloroethane	ND		5.0	ug/L			08/03/24 17:45	1
1,1,2-Trichloroethane	ND		5.0	ug/L			08/03/24 17:45	1
1,1-Dichloroethane	ND		5.0	ug/L			08/03/24 17:45	1
1,1-Dichloroethene	ND		5.0	ug/L			08/03/24 17:45	1
1,2,4-Trichlorobenzene	ND		5.0	ug/L			08/03/24 17:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			08/03/24 17:45	1
1,2-Dichlorobenzene	ND		5.0	ug/L			08/03/24 17:45	1
1,2-Dichloroethane	ND		5.0	ug/L			08/03/24 17:45	1
1,2-Dichloropropane	ND		5.0	ug/L			08/03/24 17:45	1
1,3-Dichlorobenzene	ND		5.0	ug/L			08/03/24 17:45	1
1,4-Dichlorobenzene	ND		5.0	ug/L			08/03/24 17:45	1
2-Butanone	ND		50	ug/L			08/03/24 17:45	1
2-Hexanone	ND		10	ug/L			08/03/24 17:45	1
4-Methyl-2-pentanone	ND		10	ug/L			08/03/24 17:45	1
Acetone	ND		50	ug/L			08/03/24 17:45	1
Benzene	ND		5.0	ug/L			08/03/24 17:45	1
Bromodichloromethane	ND		5.0	ug/L			08/03/24 17:45	1
Bromoform	ND		5.0	ug/L			08/03/24 17:45	1
Bromomethane	ND		5.0	ug/L			08/03/24 17:45	1
Carbon disulfide	ND		5.0	ug/L			08/03/24 17:45	1
Carbon tetrachloride	ND		5.0	ug/L			08/03/24 17:45	1
Chlorobenzene	ND		5.0	ug/L			08/03/24 17:45	1
Chloroethane	ND		10	ug/L			08/03/24 17:45	1
Chloroform	ND		5.0	ug/L			08/03/24 17:45	1
Chloromethane	ND		10	ug/L			08/03/24 17:45	1
cis-1,2-Dichloroethene	ND		5.0	ug/L			08/03/24 17:45	1
cis-1,3-Dichloropropene	ND		5.0	ug/L			08/03/24 17:45	1
Cyclohexane	ND		5.0	ug/L			08/03/24 17:45	1
Dibromochloromethane	ND		5.0	ug/L			08/03/24 17:45	1
Dichlorodifluoromethane	ND		10	ug/L			08/03/24 17:45	1
Ethylbenzene	ND		5.0	ug/L			08/03/24 17:45	1
Freon-113	ND		10	ug/L			08/03/24 17:45	1
Isopropylbenzene	ND		5.0	ug/L			08/03/24 17:45	1
m-Xylene & p-Xylene	ND		5.0	ug/L			08/03/24 17:45	1
Methyl acetate	ND		5.0	ug/L			08/03/24 17:45	1
Methyl tert-butyl ether	ND		5.0	ug/L			08/03/24 17:45	1
Methylcyclohexane	ND		5.0	ug/L			08/03/24 17:45	1
Methylene Chloride	ND		5.0	ug/L			08/03/24 17:45	1
o-Xylene	ND		5.0	ug/L			08/03/24 17:45	1
Styrene	ND		5.0	ug/L			08/03/24 17:45	1
Tetrachloroethene	ND		5.0	ug/L			08/03/24 17:45	1
Toluene	ND		5.0	ug/L			08/03/24 17:45	1
trans-1,2-Dichloroethene	ND		5.0	ug/L			08/03/24 17:45	1
trans-1,3-Dichloropropene	ND		5.0	ug/L			08/03/24 17:45	1
Trichloroethene	ND		5.0	ug/L			08/03/24 17:45	1
Trichlorofluoromethane	ND		5.0	ug/L			08/03/24 17:45	1
Vinyl chloride	ND		5.0	ug/L			08/03/24 17:45	1

Euofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: MB 705-6602/4
Matrix: Water
Analysis Batch: 6602

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			08/03/24 17:45	1
Xylenes, Total	ND		5.0	ug/L			08/03/24 17:45	1
1,2-Dibromoethane	ND		5.0	ug/L			08/03/24 17:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	104		77 - 121		08/03/24 17:45	1
4-Bromofluorobenzene	100		70 - 126		08/03/24 17:45	1
Toluene-d8 (Surr)	98		79 - 119		08/03/24 17:45	1

Lab Sample ID: LCS 705-6602/2
Matrix: Water
Analysis Batch: 6602

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	20.0	19.6		ug/L		98	73 - 127
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	71 - 124
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	69 - 127
1,1-Dichloroethane	20.0	18.3		ug/L		92	65 - 126
1,1-Dichloroethene	20.0	21.3		ug/L		107	69 - 130
1,2,4-Trichlorobenzene	20.0	19.4		ug/L		97	65 - 131
1,2-Dibromo-3-Chloropropane	20.0	22.7		ug/L		113	64 - 125
1,2-Dichlorobenzene	20.0	19.9		ug/L		100	69 - 127
1,2-Dichloroethane	20.0	20.9		ug/L		104	72 - 127
1,2-Dichloropropane	20.0	18.2		ug/L		91	71 - 121
1,3-Dichlorobenzene	20.0	20.5		ug/L		103	68 - 128
1,4-Dichlorobenzene	20.0	20.3		ug/L		102	68 - 126
2-Butanone	40.0	41.0	J	ug/L		103	74 - 131
2-Hexanone	40.0	37.7		ug/L		94	70 - 130
4-Methyl-2-pentanone	40.0	38.4		ug/L		96	76 - 122
Acetone	40.0	41.8	J	ug/L		104	62 - 136
Benzene	20.0	20.3		ug/L		101	76 - 122
Bromodichloromethane	20.0	19.8		ug/L		99	70 - 124
Bromoform	20.0	21.9		ug/L		109	65 - 129
Bromomethane	20.0	16.7		ug/L		84	60 - 138
Carbon disulfide	40.0	38.2		ug/L		95	71 - 122
Carbon tetrachloride	20.0	21.4		ug/L		107	72 - 133
Chlorobenzene	20.0	20.5		ug/L		102	75 - 121
Chloroethane	20.0	15.3		ug/L		76	55 - 138
Chloroform	20.0	19.3		ug/L		96	72 - 121
Chloromethane	20.0	15.2		ug/L		76	57 - 129
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	76 - 121
cis-1,3-Dichloropropene	20.0	18.7		ug/L		93	70 - 129
Cyclohexane	20.0	18.4		ug/L		92	68 - 124
Dibromochloromethane	20.0	20.0		ug/L		100	70 - 131
Dichlorodifluoromethane	20.0	23.2		ug/L		116	40 - 160
Ethylbenzene	20.0	20.0		ug/L		100	75 - 127
Freon-113	20.0	20.7		ug/L		104	74 - 122
Isopropylbenzene	20.0	17.9		ug/L		89	76 - 125

Eurofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: LCS 705-6602/2
Matrix: Water
Analysis Batch: 6602

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	40.8		ug/L		102	76 - 128
Methyl acetate	20.0	18.2		ug/L		91	64 - 127
Methyl tert-butyl ether	20.0	21.0		ug/L		105	76 - 123
Methylcyclohexane	20.0	20.0		ug/L		100	68 - 123
Methylene Chloride	20.0	17.9		ug/L		90	68 - 131
o-Xylene	20.0	20.0		ug/L		100	78 - 124
Styrene	20.0	20.2		ug/L		101	71 - 129
Tetrachloroethene	20.0	21.1		ug/L		105	74 - 129
Toluene	20.0	21.3		ug/L		106	74 - 124
trans-1,2-Dichloroethene	20.0	20.0		ug/L		100	74 - 124
trans-1,3-Dichloropropene	20.0	20.5		ug/L		102	59 - 135
Trichloroethene	20.0	21.9		ug/L		110	72 - 129
Trichlorofluoromethane	20.0	17.7		ug/L		89	63 - 142
Vinyl chloride	20.0	17.2		ug/L		86	65 - 132
1,2-Dichloroethene, Total	40.0	40.0		ug/L		100	75 - 121
Xylenes, Total	60.0	60.8		ug/L		101	75 - 128
1,2-Dibromoethane	20.0	19.8		ug/L		99	68 - 133

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

Lab Sample ID: MRL 705-6602/3
Matrix: Water
Analysis Batch: 6602

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	1.00	0.940	J	ug/L		94	
1,1,1-Trichloroethane	1.00	0.830	J	ug/L		83	
1,1,2-Trichloroethane	1.00	0.520	J	ug/L		52	
1,1-Dichloroethane	1.00	0.880	J	ug/L		88	
1,1-Dichloroethene	1.00	0.590	J	ug/L		59	
1,2,4-Trichlorobenzene	1.00	0.810	J	ug/L		81	
1,2-Dibromo-3-Chloropropane	1.00	0.620	J	ug/L		62	
1,2-Dichlorobenzene	1.00	1.04	J	ug/L		104	
1,2-Dichloroethane	1.00	1.09	J	ug/L		109	
1,2-Dichloropropane	1.00	0.670	J	ug/L		67	
1,3-Dichlorobenzene	1.00	0.810	J	ug/L		81	
1,4-Dichlorobenzene	1.00	1.07	J	ug/L		107	
2-Butanone	2.00	ND		ug/L		0	
2-Hexanone	2.00	ND		ug/L		79	
4-Methyl-2-pentanone	2.00	ND		ug/L		71	
Acetone	2.00	ND		ug/L		0	
Benzene	1.00	1.41	J	ug/L		141	
Bromodichloromethane	1.00	0.950	J	ug/L		95	
Bromoform	1.00	1.28	J	ug/L		128	
Bromomethane	1.00	0.660	J	ug/L		66	

Eurofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: MRL 705-6602/3
Matrix: Water
Analysis Batch: 6602

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	2.00	1.66	J	ug/L		83	
Carbon tetrachloride	1.00	0.770	J	ug/L		77	
Chlorobenzene	1.00	0.970	J	ug/L		97	
Chloroethane	1.00	0.640	J	ug/L		64	
Chloroform	1.00	0.730	J	ug/L		73	
Chloromethane	1.00	0.600	J	ug/L		60	
cis-1,2-Dichloroethene	1.00	0.890	J	ug/L		89	
cis-1,3-Dichloropropene	1.00	0.780	J	ug/L		78	
Cyclohexane	1.00	ND		ug/L		52	
Dibromochloromethane	1.00	0.650	J	ug/L		65	
Dichlorodifluoromethane	1.00	0.920	J	ug/L		92	
Ethylbenzene	1.00	1.29	J	ug/L		129	
Freon-113	1.00	0.680	J	ug/L		68	
Isopropylbenzene	1.00	0.650	J	ug/L		65	
m-Xylene & p-Xylene	2.00	2.40	J	ug/L		120	
Methyl acetate	1.00	0.710	J	ug/L		71	
Methyl tert-butyl ether	1.00	0.930	J	ug/L		93	
Methylcyclohexane	1.00	0.760	J	ug/L		76	
Methylene Chloride	1.00	ND		ug/L		106	
o-Xylene	1.00	1.24	J	ug/L		124	
Styrene	1.00	0.890	J	ug/L		89	
Tetrachloroethene	1.00	0.840	J	ug/L		84	
Toluene	1.00	1.47	J	ug/L		147	
trans-1,2-Dichloroethene	1.00	0.710	J	ug/L		71	
trans-1,3-Dichloropropene	1.00	0.990	J	ug/L		99	
Trichloroethene	1.00	0.890	J	ug/L		89	
Trichlorofluoromethane	1.00	0.610	J	ug/L		61	
Vinyl chloride	1.00	0.580	J	ug/L		58	
1,2-Dichloroethene, Total	2.00	1.60	J	ug/L		80	
Xylenes, Total	3.00	3.64	J	ug/L		121	
1,2-Dibromoethane	1.00	0.970	J	ug/L		97	

Surrogate	MRL %Recovery	MRL Qualifier	MRL Limits
Dibromofluoromethane (Surr)	99		77 - 121
4-Bromofluorobenzene	96		70 - 126
Toluene-d8 (Surr)	99		79 - 119

Lab Sample ID: 705-3382-A-1 MS ^10
Matrix: Water
Analysis Batch: 6602

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
1,1,2,2-Tetrachloroethane	ND		200	173		ug/L		87	68 - 132
1,1,1-Trichloroethane	ND		200	198		ug/L		99	69 - 135
1,1,2-Trichloroethane	ND		200	179		ug/L		90	71 - 133
1,1-Dichloroethane	ND		200	178		ug/L		88	70 - 133
1,1-Dichloroethene	ND		200	221		ug/L		101	69 - 139
1,2,4-Trichlorobenzene	ND		200	174		ug/L		87	61 - 135

Eurofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: 705-3382-A-1 MS ^10
Matrix: Water
Analysis Batch: 6602

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
1,2-Dibromo-3-Chloropropane	ND		200	210		ug/L		105	62 - 127
1,2-Dichlorobenzene	ND		200	183		ug/L		92	76 - 125
1,2-Dichloroethane	ND		200	204		ug/L		102	70 - 133
1,2-Dichloropropane	ND		200	185		ug/L		93	69 - 132
1,3-Dichlorobenzene	ND		200	193		ug/L		96	76 - 126
1,4-Dichlorobenzene	ND		200	190		ug/L		95	76 - 124
2-Butanone	ND		400	ND		ug/L		95	50 - 150
2-Hexanone	ND		400	336		ug/L		84	50 - 150
4-Methyl-2-pentanone	ND		400	343		ug/L		86	50 - 150
Acetone	ND		400	ND		ug/L		89	50 - 150
Benzene	ND		200	197		ug/L		99	71 - 133
Bromodichloromethane	ND		200	192		ug/L		96	68 - 133
Bromoform	ND		200	208		ug/L		104	58 - 130
Bromomethane	ND		200	175		ug/L		88	50 - 150
Carbon disulfide	ND		400	331		ug/L		83	50 - 150
Carbon tetrachloride	ND		200	207		ug/L		103	70 - 139
Chlorobenzene	ND		200	194		ug/L		97	78 - 128
Chloroethane	ND		200	163		ug/L		82	50 - 150
Chloroform	ND		200	190		ug/L		95	68 - 132
Chloromethane	ND		200	138		ug/L		69	50 - 150
cis-1,2-Dichloroethene	110		200	297		ug/L		96	72 - 133
cis-1,3-Dichloropropene	ND		200	173		ug/L		87	70 - 128
Cyclohexane	ND		200	170		ug/L		85	50 - 150
Dibromochloromethane	ND		200	194		ug/L		97	68 - 130
Dichlorodifluoromethane	ND		200	235		ug/L		117	50 - 150
Ethylbenzene	ND		200	201		ug/L		101	75 - 131
Freon-113	ND		200	203		ug/L		101	50 - 150
Isopropylbenzene	ND		200	174		ug/L		87	72 - 135
m-Xylene & p-Xylene	ND		400	408		ug/L		102	73 - 133
Methyl acetate	ND		200	157		ug/L		79	50 - 150
Methyl tert-butyl ether	ND		200	190		ug/L		95	70 - 130
Methylcyclohexane	ND		200	191		ug/L		95	50 - 150
Methylene Chloride	ND		200	178		ug/L		89	66 - 132
o-Xylene	ND		200	202		ug/L		101	73 - 132
Styrene	ND		200	203		ug/L		102	73 - 133
Tetrachloroethene	ND		200	217		ug/L		103	74 - 135
Toluene	ND		200	207		ug/L		104	72 - 134
trans-1,2-Dichloroethene	ND		200	199		ug/L		99	71 - 132
trans-1,3-Dichloropropene	ND		200	178		ug/L		89	60 - 125
Trichloroethene	560		200	772		ug/L		108	77 - 136
Trichlorofluoromethane	ND		200	199		ug/L		99	69 - 133
Vinyl chloride	ND		200	176		ug/L		88	66 - 138
1,2-Dichloroethene, Total	110		400	496		ug/L		97	70 - 138
Xylenes, Total	ND		600	610		ug/L		102	74 - 131
1,2-Dibromoethane	ND		200	196		ug/L		98	76 - 129

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	104		77 - 121

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: 705-3382-A-1 MS ^10
Matrix: Water
Analysis Batch: 6602

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Surrogate	MS MS %Recovery	Qualifier	Limits
4-Bromofluorobenzene	103		70 - 126
Toluene-d8 (Surr)	99		79 - 119

Lab Sample ID: 705-3382-A-1 MSD ^10
Matrix: Water
Analysis Batch: 6602

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
1,1,2,2-Tetrachloroethane	ND		200	172		ug/L		86	68 - 132	1	19
1,1,1-Trichloroethane	ND		200	196		ug/L		98	69 - 135	1	20
1,1,2-Trichloroethane	ND		200	198		ug/L		99	71 - 133	10	20
1,1-Dichloroethane	ND		200	172		ug/L		85	70 - 133	3	22
1,1-Dichloroethene	ND		200	197		ug/L		89	69 - 139	11	56
1,2,4-Trichlorobenzene	ND		200	161		ug/L		80	61 - 135	8	26
1,2-Dibromo-3-Chloropropane	ND		200	190		ug/L		95	62 - 127	10	20
1,2-Dichlorobenzene	ND		200	174		ug/L		87	76 - 125	5	20
1,2-Dichloroethane	ND		200	205		ug/L		103	70 - 133	1	41
1,2-Dichloropropane	ND		200	167		ug/L		84	69 - 132	10	20
1,3-Dichlorobenzene	ND		200	175		ug/L		87	76 - 126	10	20
1,4-Dichlorobenzene	ND		200	177		ug/L		88	76 - 124	7	20
2-Butanone	ND		400	ND		ug/L		96	50 - 150	1	20
2-Hexanone	ND		400	356		ug/L		89	50 - 150	6	50
4-Methyl-2-pentanone	ND		400	345		ug/L		86	50 - 150	1	50
Acetone	ND		400	ND		ug/L		100	50 - 150	12	50
Benzene	ND		200	186		ug/L		93	71 - 133	6	42
Bromodichloromethane	ND		200	184		ug/L		92	68 - 133	4	20
Bromoform	ND		200	191		ug/L		95	58 - 130	9	20
Bromomethane	ND		200	172		ug/L		86	50 - 150	2	100
Carbon disulfide	ND		400	317		ug/L		79	50 - 150	4	50
Carbon tetrachloride	ND		200	200		ug/L		100	70 - 139	3	22
Chlorobenzene	ND		200	192		ug/L		96	78 - 128	1	50
Chloroethane	ND		200	168		ug/L		84	50 - 150	3	100
Chloroform	ND		200	179		ug/L		90	68 - 132	6	20
Chloromethane	ND		200	145		ug/L		73	50 - 150	5	100
cis-1,2-Dichloroethene	110		200	283		ug/L		89	72 - 133	5	14
cis-1,3-Dichloropropene	ND		200	167		ug/L		83	70 - 128	4	14
Cyclohexane	ND		200	161		ug/L		80	50 - 150	5	50
Dibromochloromethane	ND		200	182		ug/L		91	68 - 130	6	20
Dichlorodifluoromethane	ND		200	223		ug/L		111	50 - 150	5	100
Ethylbenzene	ND		200	192		ug/L		96	75 - 131	5	28
Freon-113	ND		200	195		ug/L		98	50 - 150	4	50
Isopropylbenzene	ND		200	158		ug/L		79	72 - 135	10	20
m-Xylene & p-Xylene	ND		400	381		ug/L		95	73 - 133	7	28
Methyl acetate	ND		200	163		ug/L		81	50 - 150	4	50
Methyl tert-butyl ether	ND		200	193		ug/L		97	70 - 130	2	30
Methylcyclohexane	ND		200	180		ug/L		90	50 - 150	6	50
Methylene Chloride	ND		200	168		ug/L		84	66 - 132	6	20
o-Xylene	ND		200	190		ug/L		95	73 - 132	6	28

Eurofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: 705-3382-A-1 MSD ^10

Matrix: Water

Analysis Batch: 6602

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		RPD	Limit
									Limits	RPD		
Styrene	ND		200	191		ug/L		96	73 - 133	6	20	
Tetrachloroethene	ND		200	207		ug/L		98	74 - 135	5	20	
Toluene	ND		200	200		ug/L		100	72 - 134	4	42	
trans-1,2-Dichloroethene	ND		200	192		ug/L		96	71 - 132	3	20	
trans-1,3-Dichloropropene	ND		200	186		ug/L		93	60 - 125	4	20	
Trichloroethene	560		200	725		ug/L		85	77 - 136	6	51	
Trichlorofluoromethane	ND		200	189		ug/L		94	69 - 133	5	23	
Vinyl chloride	ND		200	163		ug/L		81	66 - 138	8	23	
1,2-Dichloroethene, Total	110		400	475		ug/L		91	70 - 138	4	20	
Xylenes, Total	ND		600	571		ug/L		95	74 - 131	7	28	
1,2-Dibromoethane	ND		200	185		ug/L		92	76 - 129	6	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
Dibromofluoromethane (Surr)	99		77 - 121
4-Bromofluorobenzene	99		70 - 126
Toluene-d8 (Surr)	99		79 - 119

Lab Sample ID: MB 705-6991/1-A

Matrix: Solid

Analysis Batch: 7038

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6991

Analyte	MB		RL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier								
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
1,1,1-Trichloroethane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
1,1,2-Trichloroethane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
1,1-Dichloroethane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
1,1-Dichloroethene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
1,2-Dichlorobenzene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
1,2-Dichloroethane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
1,2-Dichloropropane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
1,3-Dichlorobenzene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
1,4-Dichlorobenzene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
2-Butanone	ND		50	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
2-Hexanone	ND		10	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
4-Methyl-2-pentanone	ND		10	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
Acetone	ND		100	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
Benzene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
Bromodichloromethane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
Bromoform	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
Bromomethane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
Carbon disulfide	ND		10	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
Carbon tetrachloride	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
Chlorobenzene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
Chloroethane	ND		10	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
Chloroform	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00			1
Chloromethane	ND		10	ug/Kg		08/07/24 13:17	08/07/24 14:00			1

Euofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: MB 705-6991/1-A
Matrix: Solid
Analysis Batch: 7038

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6991

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
cis-1,3-Dichloropropene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Cyclohexane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Dibromochloromethane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Dichlorodifluoromethane	ND		10	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Ethylbenzene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Freon-113	ND		10	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Isopropylbenzene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
m-Xylene & p-Xylene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Methyl acetate	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Methyl tert-butyl ether	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Methylcyclohexane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Methylene Chloride	ND		20	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
o-Xylene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Styrene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Tetrachloroethene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Toluene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Trichloroethene	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Trichlorofluoromethane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Vinyl chloride	ND		10	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
1,2-Dichloroethene, Total	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
Xylenes, Total	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1
1,2-Dibromoethane	ND		5.0	ug/Kg		08/07/24 13:17	08/07/24 14:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		80 - 119	08/07/24 13:17	08/07/24 14:00	1
4-Bromofluorobenzene	98		67 - 127	08/07/24 13:17	08/07/24 14:00	1
Toluene-d8 (Surr)	98		71 - 129	08/07/24 13:17	08/07/24 14:00	1

Lab Sample ID: LCS 705-6991/2-A
Matrix: Solid
Analysis Batch: 7038

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6991

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	50.0	48.1		ug/Kg		96	73 - 121
1,1,1-Trichloroethane	50.0	52.0		ug/Kg		104	73 - 126
1,1,2-Trichloroethane	50.0	50.7		ug/Kg		101	77 - 124
1,1-Dichloroethane	50.0	53.4		ug/Kg		107	72 - 123
1,1-Dichloroethene	50.0	53.7		ug/Kg		107	74 - 126
1,2,4-Trichlorobenzene	50.0	50.1		ug/Kg		100	69 - 130
1,2-Dibromo-3-Chloropropane	50.0	49.2		ug/Kg		98	68 - 125
1,2-Dichlorobenzene	50.0	52.4		ug/Kg		105	80 - 120
1,2-Dichloroethane	50.0	50.6		ug/Kg		101	73 - 123
1,2-Dichloropropane	50.0	51.6		ug/Kg		103	78 - 122
1,3-Dichlorobenzene	50.0	51.1		ug/Kg		102	78 - 120
1,4-Dichlorobenzene	50.0	50.1		ug/Kg		100	79 - 120

Eurofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: LCS 705-6991/2-A
Matrix: Solid
Analysis Batch: 7038

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6991

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
2-Butanone	100	100		ug/Kg		100	73 - 134
2-Hexanone	100	101		ug/Kg		101	81 - 132
4-Methyl-2-pentanone	100	102		ug/Kg		102	81 - 135
Acetone	100	96.3	J	ug/Kg		96	70 - 131
Benzene	50.0	53.5		ug/Kg		107	79 - 120
Bromodichloromethane	50.0	50.6		ug/Kg		101	80 - 122
Bromoform	50.0	49.8		ug/Kg		100	71 - 136
Bromomethane	50.0	42.9		ug/Kg		86	62 - 134
Carbon disulfide	100	107		ug/Kg		107	80 - 127
Carbon tetrachloride	50.0	52.3		ug/Kg		105	72 - 132
Chlorobenzene	50.0	50.6		ug/Kg		101	80 - 120
Chloroethane	50.0	54.9		ug/Kg		110	66 - 130
Chloroform	50.0	52.3		ug/Kg		105	74 - 120
Chloromethane	50.0	52.1		ug/Kg		104	64 - 131
cis-1,2-Dichloroethene	50.0	52.5		ug/Kg		105	78 - 122
cis-1,3-Dichloropropene	50.0	51.7		ug/Kg		103	75 - 134
Cyclohexane	50.0	52.8		ug/Kg		106	82 - 126
Dibromochloromethane	50.0	48.3		ug/Kg		97	81 - 123
Dichlorodifluoromethane	50.0	51.5		ug/Kg		103	64 - 132
Ethylbenzene	50.0	52.2		ug/Kg		104	80 - 121
Freon-113	50.0	53.1		ug/Kg		106	80 - 121
Isopropylbenzene	50.0	52.2		ug/Kg		104	72 - 129
m-Xylene & p-Xylene	100	104		ug/Kg		104	79 - 123
Methyl acetate	50.0	53.5		ug/Kg		107	82 - 131
Methyl tert-butyl ether	50.0	53.1		ug/Kg		106	80 - 122
Methylcyclohexane	50.0	52.9		ug/Kg		106	79 - 131
Methylene Chloride	50.0	52.4		ug/Kg		105	72 - 122
o-Xylene	50.0	51.1		ug/Kg		102	78 - 122
Styrene	50.0	51.5		ug/Kg		103	79 - 128
Tetrachloroethene	50.0	52.9		ug/Kg		106	74 - 121
Toluene	50.0	52.3		ug/Kg		105	77 - 123
trans-1,2-Dichloroethene	50.0	54.6		ug/Kg		109	76 - 124
trans-1,3-Dichloropropene	50.0	50.3		ug/Kg		101	70 - 131
Trichloroethene	50.0	52.8		ug/Kg		106	79 - 121
Trichlorofluoromethane	50.0	53.7		ug/Kg		107	77 - 128
Vinyl chloride	50.0	52.8		ug/Kg		106	68 - 130
1,2-Dichloroethene, Total	100	107		ug/Kg		107	75 - 122
Xylenes, Total	150	155		ug/Kg		103	79 - 122
1,2-Dibromoethane	50.0	49.1		ug/Kg		98	82 - 118

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane (Surr)	100		80 - 119
4-Bromofluorobenzene	99		67 - 127
Toluene-d8 (Surr)	100		71 - 129

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: 705-3499-B-19-A MS

Matrix: Solid

Analysis Batch: 7082

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 6991

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				Limits
1,1,2,2-Tetrachloroethane	ND		82.9	78.9		ug/Kg	☼	95	64 - 129
1,1,1-Trichloroethane	ND		82.9	78.8		ug/Kg	☼	95	61 - 125
1,1,2-Trichloroethane	ND		82.9	82.7		ug/Kg	☼	100	67 - 130
1,1-Dichloroethane	ND		82.9	81.5		ug/Kg	☼	98	60 - 127
1,1-Dichloroethene	ND		82.9	75.0		ug/Kg	☼	90	56 - 130
1,2,4-Trichlorobenzene	ND		82.9	76.7		ug/Kg	☼	93	59 - 135
1,2-Dibromo-3-Chloropropane	ND		82.9	82.2		ug/Kg	☼	99	60 - 129
1,2-Dichlorobenzene	ND		82.9	85.4		ug/Kg	☼	103	63 - 126
1,2-Dichloroethane	ND		82.9	85.1		ug/Kg	☼	103	61 - 126
1,2-Dichloropropane	ND		82.9	83.6		ug/Kg	☼	101	66 - 126
1,3-Dichlorobenzene	ND		82.9	81.9		ug/Kg	☼	99	60 - 130
1,4-Dichlorobenzene	ND		82.9	79.7		ug/Kg	☼	96	61 - 126
2-Butanone	ND		166	158		ug/Kg	☼	96	43 - 121
2-Hexanone	ND		166	167		ug/Kg	☼	101	41 - 122
4-Methyl-2-pentanone	ND		166	170		ug/Kg	☼	102	40 - 127
Acetone	ND		166	ND		ug/Kg	☼	96	32 - 128
Benzene	ND		82.9	86.4		ug/Kg	☼	104	63 - 126
Bromodichloromethane	ND		82.9	77.5		ug/Kg	☼	94	67 - 124
Bromoform	ND		82.9	86.8		ug/Kg	☼	105	63 - 130
Bromomethane	ND		82.9	65.3		ug/Kg	☼	79	50 - 150
Carbon disulfide	ND		166	155		ug/Kg	☼	93	40 - 151
Carbon tetrachloride	ND		82.9	85.5		ug/Kg	☼	103	60 - 127
Chlorobenzene	ND		82.9	81.2		ug/Kg	☼	98	60 - 128
Chloroethane	ND		82.9	74.4		ug/Kg	☼	90	50 - 150
Chloroform	ND		82.9	79.9		ug/Kg	☼	96	62 - 123
Chloromethane	ND		82.9	81.1		ug/Kg	☼	98	50 - 150
cis-1,2-Dichloroethene	ND		82.9	78.3		ug/Kg	☼	94	63 - 129
cis-1,3-Dichloropropene	ND		82.9	80.1		ug/Kg	☼	97	64 - 137
Cyclohexane	ND		82.9	77.2		ug/Kg	☼	93	25 - 132
Dibromochloromethane	ND		82.9	76.3		ug/Kg	☼	92	64 - 128
Dichlorodifluoromethane	ND		82.9	123		ug/Kg	☼	149	50 - 150
Ethylbenzene	ND		82.9	84.5		ug/Kg	☼	102	60 - 133
Freon-113	ND		82.9	78.3		ug/Kg	☼	94	34 - 124
Isopropylbenzene	ND		82.9	76.4		ug/Kg	☼	92	60 - 136
m-Xylene & p-Xylene	ND		166	168		ug/Kg	☼	101	60 - 132
Methyl acetate	ND		82.9	70.5		ug/Kg	☼	85	45 - 128
Methyl tert-butyl ether	ND		82.9	82.3		ug/Kg	☼	99	51 - 131
Methylcyclohexane	ND		82.9	85.5		ug/Kg	☼	103	31 - 126
Methylene Chloride	ND		82.9	78.5		ug/Kg	☼	95	56 - 129
o-Xylene	ND		82.9	83.7		ug/Kg	☼	101	60 - 132
Styrene	ND		82.9	83.5		ug/Kg	☼	101	64 - 133
Tetrachloroethene	ND		82.9	85.5		ug/Kg	☼	103	60 - 129
Toluene	ND		82.9	84.6		ug/Kg	☼	102	61 - 130
trans-1,2-Dichloroethene	ND		82.9	78.5		ug/Kg	☼	95	61 - 128
trans-1,3-Dichloropropene	ND		82.9	83.7		ug/Kg	☼	101	62 - 136
Trichloroethene	ND		82.9	84.7		ug/Kg	☼	102	61 - 129
Trichlorofluoromethane	ND		82.9	85.2		ug/Kg	☼	103	50 - 150
Vinyl chloride	ND		82.9	81.0		ug/Kg	☼	98	58 - 134

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: 705-3499-B-19-A MS

Matrix: Solid
Analysis Batch: 7082

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6991

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethene, Total	ND		166	157		ug/Kg	☼	95	63 - 128
Xylenes, Total	ND		249	252		ug/Kg	☼	101	60 - 133
1,2-Dibromoethane	ND		82.9	81.2		ug/Kg	☼	98	70 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	98		80 - 119
4-Bromofluorobenzene	100		67 - 127
Toluene-d8 (Surr)	100		71 - 129

Lab Sample ID: 705-3499-B-20-A DU

Matrix: Solid
Analysis Batch: 7082

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 6991

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
1,1,2,2-Tetrachloroethane	ND		ND		ug/Kg	☼	NC	
1,1,1-Trichloroethane	ND		ND		ug/Kg	☼	NC	
1,1,2-Trichloroethane	ND		ND		ug/Kg	☼	NC	
1,1-Dichloroethane	ND		ND		ug/Kg	☼	NC	
1,1-Dichloroethene	ND		ND		ug/Kg	☼	NC	
1,2,4-Trichlorobenzene	ND		ND		ug/Kg	☼	NC	
1,2-Dibromo-3-Chloropropane	ND		ND		ug/Kg	☼	NC	
1,2-Dichlorobenzene	ND		ND		ug/Kg	☼	NC	
1,2-Dichloroethane	ND		ND		ug/Kg	☼	NC	
1,2-Dichloropropane	ND		ND		ug/Kg	☼	NC	
1,3-Dichlorobenzene	ND		ND		ug/Kg	☼	NC	
1,4-Dichlorobenzene	ND		ND		ug/Kg	☼	NC	
2-Butanone	ND		ND		ug/Kg	☼	NC	
2-Hexanone	ND		ND		ug/Kg	☼	NC	
4-Methyl-2-pentanone	ND		ND		ug/Kg	☼	NC	
Acetone	ND		ND		ug/Kg	☼	NC	
Benzene	ND		ND		ug/Kg	☼	NC	
Bromodichloromethane	ND		ND		ug/Kg	☼	NC	
Bromoform	ND		ND		ug/Kg	☼	NC	
Bromomethane	ND		ND		ug/Kg	☼	NC	
Carbon disulfide	ND		ND		ug/Kg	☼	NC	
Carbon tetrachloride	ND		ND		ug/Kg	☼	NC	
Chlorobenzene	ND		ND		ug/Kg	☼	NC	
Chloroethane	ND		ND		ug/Kg	☼	NC	
Chloroform	ND		ND		ug/Kg	☼	NC	
Chloromethane	ND		ND		ug/Kg	☼	NC	
cis-1,2-Dichloroethene	ND		ND		ug/Kg	☼	NC	
cis-1,3-Dichloropropene	ND		ND		ug/Kg	☼	NC	
Cyclohexane	ND		ND		ug/Kg	☼	NC	
Dibromochloromethane	ND		ND		ug/Kg	☼	NC	
Dichlorodifluoromethane	ND		ND		ug/Kg	☼	NC	
Ethylbenzene	ND		ND		ug/Kg	☼	NC	
Freon-113	ND		ND		ug/Kg	☼	NC	
Isopropylbenzene	ND		ND		ug/Kg	☼	NC	

Eurofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: 705-3499-B-20-A DU
Matrix: Solid
Analysis Batch: 7082

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 6991

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
m-Xylene & p-Xylene	ND		ND		ug/Kg	*	NC	
Methyl acetate	ND		ND		ug/Kg	*	NC	
Methyl tert-butyl ether	ND		ND		ug/Kg	*	NC	
Methylcyclohexane	ND		ND		ug/Kg	*	NC	
Methylene Chloride	ND		ND		ug/Kg	*	NC	
o-Xylene	ND		ND		ug/Kg	*	NC	
Styrene	ND		ND		ug/Kg	*	NC	
Tetrachloroethene	ND		ND		ug/Kg	*	NC	
Toluene	ND		ND		ug/Kg	*	NC	
trans-1,2-Dichloroethene	ND		ND		ug/Kg	*	NC	
trans-1,3-Dichloropropene	ND		ND		ug/Kg	*	NC	
Trichloroethene	ND		ND		ug/Kg	*	NC	
Trichlorofluoromethane	ND		ND		ug/Kg	*	NC	
Vinyl chloride	ND		ND		ug/Kg	*	NC	
1,2-Dichloroethene, Total	ND		ND		ug/Kg	*	NC	
Xylenes, Total	ND		ND		ug/Kg	*	NC	
1,2-Dibromoethane	ND		ND		ug/Kg	*	NC	

Surrogate	DU	DU	Limits
	%Recovery	Qualifier	
Dibromofluoromethane (Surr)	97		80 - 119
1-Bromofluorobenzene	99		67 - 127
Toluene-d8 (Surr)	98		71 - 129

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

Lab Sample ID: MB 705-6283/1-A
Matrix: Water
Analysis Batch: 6904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6283

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,1'-Biphenyl	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
2,4,5-Trichlorophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 16:06	1
2,4,6-Trichlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
2,4-Dichlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
2,4-Dimethylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
2,4-Dinitrophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 16:06	1
2,4-Dinitrotoluene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
2,6-Dinitrotoluene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
2-Chloronaphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
2-Chlorophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
2-Methylnaphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
2-Methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
2-Nitroaniline	ND		50	ug/L		08/05/24 10:38	08/06/24 16:06	1
2-Nitrophenol	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
3,3'-Dichlorobenzidine	ND		20	ug/L		08/05/24 10:38	08/06/24 16:06	1
4,6-Dinitro-2-methylphenol	ND		25	ug/L		08/05/24 10:38	08/06/24 16:06	1
4-Bromophenyl phenyl ether	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
4-Chloro-3-methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
4-Chloroaniline	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1

Eurofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: MB 705-6283/1-A
Matrix: Water
Analysis Batch: 6904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6283

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
4-Nitroaniline	ND		25	ug/L		08/05/24 10:38	08/06/24 16:06	1
4-Nitrophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 16:06	1
Acenaphthene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Acenaphthylene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Acetophenone	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Atrazine	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Benzaldehyde	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Benzo[a]anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Benzo[a]pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Benzo[b]fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Bis(2-chloroethoxy)methane	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Bis(2-chloroethyl)ether	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Bis(2-ethylhexyl) phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Butyl benzyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Caprolactam	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Carbazole	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Chrysene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Dibenz(a,h)anthracene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Dibenzofuran	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Diethyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Dimethyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Di-n-butyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Di-n-octyl phthalate	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Fluorene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Hexachlorobenzene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Hexachlorobutadiene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Hexachlorocyclopentadiene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Hexachloroethane	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Indeno[1,2,3-cd]pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Isophorone	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Naphthalene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Nitrobenzene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
N-Nitrosodi-n-propylamine	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
3 & 4 Methylphenol	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
N-Nitrosodiphenylamine	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Bis(2-chloroisopropyl) ether	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Pentachlorophenol	ND		25	ug/L		08/05/24 10:38	08/06/24 16:06	1
Benzo[g,h,i]perylene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Phenanthrene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Benzo[k]fluoranthene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
Phenol	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1
3-Nitroaniline	ND		25	ug/L		08/05/24 10:38	08/06/24 16:06	1
Pyrene	ND		10	ug/L		08/05/24 10:38	08/06/24 16:06	1

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: MB 705-6283/1-A
Matrix: Water
Analysis Batch: 6904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6283

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	111		53 - 132	08/05/24 10:38	08/06/24 16:06	1
2-Fluorophenol (Surr)	81		29 - 120	08/05/24 10:38	08/06/24 16:06	1
Nitrobenzene-d5 (Surr)	98		41 - 129	08/05/24 10:38	08/06/24 16:06	1
2-Fluorobiphenyl (Surr)	103		48 - 126	08/05/24 10:38	08/06/24 16:06	1
Phenol-d5 (Surr)	65		21 - 120	08/05/24 10:38	08/06/24 16:06	1
p-Terphenyl-d14 (Surr)	113		48 - 130	08/05/24 10:38	08/06/24 16:06	1

Lab Sample ID: LCS 705-6283/2-A
Matrix: Water
Analysis Batch: 6904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorophenol	100	90.5		ug/L		91	50 - 130
4-Chloro-3-methylphenol	100	95.2		ug/L		95	60 - 124
4-Nitrophenol	100	48.6		ug/L		49	8 - 120
Acenaphthene	100	96.2		ug/L		96	60 - 127
N-Nitrosodi-n-propylamine	100	101		ug/L		101	58 - 129
Pentachlorophenol	100	93.7		ug/L		94	51 - 130
Phenol	100	50.1		ug/L		50	20 - 130
Pyrene	100	104		ug/L		104	61 - 133

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	105		53 - 132
2-Fluorophenol (Surr)	72		29 - 120
Nitrobenzene-d5 (Surr)	95		41 - 129
2-Fluorobiphenyl (Surr)	95		48 - 126
Phenol-d5 (Surr)	53		21 - 120
p-Terphenyl-d14 (Surr)	105		48 - 130

Lab Sample ID: 705-3399-B-70-A MS
Matrix: Water
Analysis Batch: 6904

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6283

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorophenol	ND		100	87.8		ug/L		88	45 - 120
4-Chloro-3-methylphenol	ND		100	89.5		ug/L		89	46 - 125
4-Nitrophenol	ND		100	61.2		ug/L		61	24 - 120
Acenaphthene	ND	F1 F2	100	77.5		ug/L		78	50 - 129
N-Nitrosodi-n-propylamine	ND		100	99.4		ug/L		99	51 - 129
Pentachlorophenol	ND		100	90.6		ug/L		91	45 - 117
Phenol	ND		100	48.0		ug/L		48	25 - 120
Pyrene	ND	F1 F2	100	87.2		ug/L		87	51 - 131

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	100		53 - 132
2-Fluorophenol (Surr)	68		29 - 120

Eurolins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: 705-3399-B-70-A MS
Matrix: Water
Analysis Batch: 6904

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6283

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	94		41 - 129
2-Fluorobiphenyl (Surr)	93		48 - 126
Phenol-d5 (Surr)	22		21 - 120
p-Terphenyl-d14 (Surr)	103		48 - 130

Lab Sample ID: 705-3399-B-70-B MSD
Matrix: Water
Analysis Batch: 6904

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6283

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
				Result	Qualifier						
2,4-Dinitrotoluene	ND		100	70.2		ug/L		70	50 - 130	33	35
2-Chlorophenol	ND		100	67.0		ug/L		67	45 - 120	27	43
4-Chloro-3-methylphenol	ND		100	71.2		ug/L		71	46 - 125	23	48
4-Nitrophenol	ND		100	41.1		ug/L		41	24 - 120	39	63
Acenaphthene	ND	F1 F2	100	36.1	F1 F2	ug/L		36	50 - 129	73	37
N-Nitrosodi-n-propylamine	ND		100	75.2		ug/L		75	51 - 129	28	42
Pentachlorophenol	ND		100	62.7		ug/L		63	45 - 117	36	65
Phenol	ND		100	32.8		ug/L		33	25 - 120	38	82
Pyrene	ND	F1 F2	100	48.8	F1 F2	ug/L		49	51 - 131	57	44

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	77		53 - 132
2-Fluorophenol (Surr)	51		29 - 120
Nitrobenzene-d5 (Surr)	65		41 - 129
2-Fluorobiphenyl (Surr)	56		48 - 126
Phenol-d5 (Surr)	10	S1-	21 - 120
p-Terphenyl-d14 (Surr)	67		48 - 130

Lab Sample ID: MB 705-7921/1-A
Matrix: Solid
Analysis Batch: 8074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 7921

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,1'-Biphenyl	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2,4,5-Trichlorophenol	ND		1700	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2,4,6-Trichlorophenol	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2,4-Dichlorophenol	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2,4-Dimethylphenol	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2,4-Dinitrophenol	ND		1700	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2,4-Dinitrotoluene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2,6-Dinitrotoluene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2-Chloronaphthalene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2-Chlorophenol	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2-Methylnaphthalene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2-Methylphenol	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2-Nitroaniline	ND		1700	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
2-Nitrophenol	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
3,3'-Dichlorobenzidine	ND		660	ug/Kg		08/15/24 08:00	08/15/24 12:44	1

Eurofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: MB 705-7921/1-A
Matrix: Solid
Analysis Batch: 8074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 7921

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		1700	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
4-Bromophenyl phenyl ether	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
4-Chloro-3-methylphenol	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
4-Chloroaniline	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
4-Chlorophenyl phenyl ether	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
4-Nitroaniline	ND		1700	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
4-Nitrophenol	ND		1700	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Acenaphthene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Acenaphthylene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Acetophenone	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Anthracene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Atrazine	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Benzaldehyde	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Benzo[a]anthracene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Benzo[a]pyrene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Benzo[b]fluoranthene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Bis(2-chloroethoxy)methane	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Bis(2-chloroethyl)ether	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Bis(2-ethylhexyl) phthalate	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Butyl benzyl phthalate	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Caprolactam	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Carbazole	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Chrysene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Dibenz(a,h)anthracene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Dibenzofuran	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Diethyl phthalate	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Dimethyl phthalate	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Di-n-butyl phthalate	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Di-n-octyl phthalate	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Fluoranthene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Fluorene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Hexachlorobenzene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Hexachlorobutadiene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Hexachlorocyclopentadiene	ND		660	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Hexachloroethane	ND		2600	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Indeno[1,2,3-cd]pyrene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Isophorone	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Naphthalene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Nitrobenzene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
N-Nitrosodi-n-propylamine	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
3 & 4 Methylphenol	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
N-Nitrosodiphenylamine	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Bis(2-chloroisopropyl) ether	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Pentachlorophenol	ND		1700	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Benzo[g,h,i]perylene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Phenanthrene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Benzo[k]fluoranthene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
Phenol	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1
3-Nitroaniline	ND		1700	ug/Kg		08/15/24 08:00	08/15/24 12:44	1

Eurofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: MB 705-7921/1-A
Matrix: Solid
Analysis Batch: 8074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 7921

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		330	ug/Kg		08/15/24 08:00	08/15/24 12:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	89		46 - 127	08/15/24 08:00	08/15/24 12:44	1
2-Fluorophenol (Surr)	85		44 - 120	08/15/24 08:00	08/15/24 12:44	1
Nitrobenzene-d5 (Surr)	86		45 - 120	08/15/24 08:00	08/15/24 12:44	1
2-Fluorobiphenyl (Surr)	87		55 - 120	08/15/24 08:00	08/15/24 12:44	1
Phenol-d5 (Surr)	88		47 - 120	08/15/24 08:00	08/15/24 12:44	1
p-Terphenyl-d14 (Surr)	96		54 - 120	08/15/24 08:00	08/15/24 12:44	1

Lab Sample ID: LCS 705-7921/2-A
Matrix: Solid
Analysis Batch: 8074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 7921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	3330	2870		ug/Kg		86	50 - 121
2-Chlorophenol	3330	2780		ug/Kg		84	51 - 120
4-Chloro-3-methylphenol	3330	2990		ug/Kg		90	53 - 120
4-Nitrophenol	3330	2440		ug/Kg		73	47 - 120
Acenaphthene	3330	3060		ug/Kg		92	55 - 120
N-Nitrosodi-n-propylamine	3330	3100		ug/Kg		93	51 - 122
Pentachlorophenol	3330	2370		ug/Kg		71	51 - 120
Phenol	3330	2650		ug/Kg		79	50 - 120
Pyrene	3330	3380		ug/Kg		101	62 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	89		46 - 127
2-Fluorophenol (Surr)	79		44 - 120
Nitrobenzene-d5 (Surr)	84		45 - 120
2-Fluorobiphenyl (Surr)	88		55 - 120
Phenol-d5 (Surr)	84		47 - 120
p-Terphenyl-d14 (Surr)	95		54 - 120

Lab Sample ID: 705-4434-A-1-B MS
Matrix: Solid
Analysis Batch: 8074

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 7921

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	ND		3630	2850		ug/Kg	✘	79	43 - 118
2-Chlorophenol	ND		3630	2980		ug/Kg	✘	82	45 - 120
4-Chloro-3-methylphenol	ND		3630	3050		ug/Kg	✘	84	47 - 120
4-Nitrophenol	ND		3630	2570		ug/Kg	✘	71	32 - 120
Acenaphthene	ND		3630	3160		ug/Kg	✘	87	45 - 120
N-Nitrosodi-n-propylamine	ND		3630	3120		ug/Kg	✘	86	50 - 120
Pentachlorophenol	ND		3630	2560		ug/Kg	✘	71	47 - 120
Phenol	ND		3630	2820		ug/Kg	✘	78	45 - 120
Pyrene	ND		3630	3430		ug/Kg	✘	94	49 - 117

Eurolins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: 705-4434-A-1-B MS
Matrix: Solid
Analysis Batch: 8074

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 7921

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	85		46 - 127
2-Fluorophenol (Surr)	80		44 - 120
Nitrobenzene-d5 (Surr)	83		45 - 120
2-Fluorobiphenyl (Surr)	85		55 - 120
Phenol-d5 (Surr)	84		47 - 120
p-Terphenyl-d14 (Surr)	87		54 - 120

Lab Sample ID: 705-4434-A-1-C MSD
Matrix: Solid
Analysis Batch: 8074

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 7921

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
2,4-Dinitrotoluene	ND		3630	2910		ug/Kg	*	80	43 - 118	2	35	
2-Chlorophenol	ND		3630	3050		ug/Kg	*	84	45 - 120	2	35	
4-Chloro-3-methylphenol	ND		3630	3150		ug/Kg	*	87	47 - 120	3	32	
4-Nitrophenol	ND		3630	2610		ug/Kg	*	72	32 - 120	1	44	
Acenaphthene	ND		3630	3170		ug/Kg	*	87	45 - 120	0	31	
N-Nitrosodi-n-propylamine	ND		3630	3140		ug/Kg	*	86	50 - 120	1	33	
Pentachlorophenol	ND		3630	2590		ug/Kg	*	71	47 - 120	1	35	
Phenol	ND		3630	2870		ug/Kg	*	79	45 - 120	2	35	
Pyrene	ND		3630	3420		ug/Kg	*	94	49 - 117	0	32	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	85		46 - 127
2-Fluorophenol (Surr)	78		44 - 120
Nitrobenzene-d5 (Surr)	79		45 - 120
2-Fluorobiphenyl (Surr)	83		55 - 120
Phenol-d5 (Surr)	83		47 - 120
p-Terphenyl-d14 (Surr)	88		54 - 120

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-6516/1-A
Matrix: Water
Analysis Batch: 6851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6516

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Arsenic	ND		0.050	mg/L		08/05/24 14:23	08/07/24 11:54	1
Barium	ND		0.020	mg/L		08/05/24 14:23	08/07/24 11:54	1
Cadmium	ND		0.0050	mg/L		08/05/24 14:23	08/07/24 11:54	1
Chromium	ND		0.010	mg/L		08/05/24 14:23	08/07/24 11:54	1
Lead	ND		0.010	mg/L		08/05/24 14:23	08/07/24 11:54	1
Selenium	ND		0.020	mg/L		08/05/24 14:23	08/07/24 11:54	1
Silver	ND		0.010	mg/L		08/05/24 14:23	08/07/24 11:54	1

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: LCS 705-6516/2-A
Matrix: Water
Analysis Batch: 6851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6516

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	
Arsenic	1.00	1.00		mg/L		100	80 - 120	
Barium	1.00	1.03		mg/L		103	80 - 120	
Cadmium	1.00	1.01		mg/L		101	80 - 120	
Chromium	1.00	1.04		mg/L		104	80 - 120	
Lead	1.00	1.03		mg/L		103	80 - 120	
Selenium	1.00	0.961		mg/L		96	80 - 120	
Silver	0.100	0.101		mg/L		101	80 - 120	

Lab Sample ID: 705-3355-C-1-B MS
Matrix: Water
Analysis Batch: 6851

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6516

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	
Arsenic	ND		1.00	1.01		mg/L		101	75 - 125	
Barium	0.037		1.00	1.05		mg/L		101	75 - 125	
Cadmium	ND		1.00	1.00		mg/L		100	75 - 125	
Chromium	ND		1.00	1.03		mg/L		103	75 - 125	
Lead	ND		1.00	1.01		mg/L		101	75 - 125	
Selenium	ND		1.00	0.978		mg/L		98	75 - 125	
Silver	ND		0.100	0.101		mg/L		101	75 - 125	

Lab Sample ID: 705-3355-C-1-C MSD
Matrix: Water
Analysis Batch: 6851

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6516

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	
				Result	Qualifier				Limits		RPD	Limit
Arsenic	ND		1.00	0.993		mg/L		99	75 - 125	1	20	
Barium	0.037		1.00	1.05		mg/L		102	75 - 125	0	20	
Cadmium	ND		1.00	1.00		mg/L		100	75 - 125	0	20	
Chromium	ND		1.00	1.03		mg/L		103	75 - 125	0	20	
Lead	ND		1.00	1.01		mg/L		101	75 - 125	0	20	
Selenium	ND		1.00	0.963		mg/L		96	75 - 125	2	20	
Silver	ND		0.100	0.101		mg/L		101	75 - 125	0	20	

Lab Sample ID: MB 705-6739/1-A
Matrix: Solid
Analysis Batch: 6881

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6739

Analyte	MB		RL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier								
Arsenic	ND		1.0	mg/Kg		08/07/24	08:26	08/07/24	14:01	1
Barium	ND		1.0	mg/Kg		08/07/24	08:26	08/07/24	14:01	1
Cadmium	ND		0.50	mg/Kg		08/07/24	08:26	08/07/24	14:01	1
Chromium	ND		0.50	mg/Kg		08/07/24	08:26	08/07/24	14:01	1
Lead	ND		1.0	mg/Kg		08/07/24	08:26	08/07/24	14:01	1
Selenium	ND		1.0	mg/Kg		08/07/24	08:26	08/07/24	14:01	1
Silver	ND		0.50	mg/Kg		08/07/24	08:26	08/07/24	14:01	1

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: LCS 705-6739/2-A
Matrix: Solid
Analysis Batch: 6881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6739

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	
Arsenic	50.0	45.3		mg/Kg		91	80 - 120	
Barium	50.0	48.2		mg/Kg		96	80 - 120	
Cadmium	50.0	47.0		mg/Kg		94	80 - 120	
Chromium	50.0	48.5		mg/Kg		97	80 - 120	
Lead	50.0	46.6		mg/Kg		93	80 - 120	
Selenium	50.0	42.0		mg/Kg		84	80 - 120	
Silver	5.00	4.74		mg/Kg		95	80 - 120	

Lab Sample ID: 705-3636-A-4-B MS
Matrix: Solid
Analysis Batch: 6881

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6739

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	
Arsenic	ND	F1	45.7	32.9	F1	mg/Kg	✘	71	75 - 125	
Barium	180		45.7	224		mg/Kg	✘	90	75 - 125	
Cadmium	ND		45.7	41.3		mg/Kg	✘	90	75 - 125	
Chromium	27		45.7	69.5		mg/Kg	✘	93	75 - 125	
Lead	18		45.7	56.4		mg/Kg	✘	83	75 - 125	
Selenium	0.98	F1	45.7	29.8	F1	mg/Kg	✘	63	75 - 125	
Silver	ND		4.57	3.97		mg/Kg	✘	87	75 - 125	

Lab Sample ID: 705-3636-A-4-C MSD
Matrix: Solid
Analysis Batch: 6881

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6739

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	
				Result	Qualifier				Limits		RPD	Limit
Arsenic	ND	F1	45.8	33.1	F1	mg/Kg	✘	72	75 - 125	1	20	
Barium	180		45.8	226		mg/Kg	✘	95	75 - 125	1	20	
Cadmium	ND		45.8	41.2		mg/Kg	✘	90	75 - 125	0	20	
Chromium	27		45.8	68.1		mg/Kg	✘	89	75 - 125	2	20	
Lead	18		45.8	58.3		mg/Kg	✘	87	75 - 125	3	20	
Selenium	0.98	F1	45.8	29.6	F1	mg/Kg	✘	63	75 - 125	1	20	
Silver	ND		4.58	3.96		mg/Kg	✘	86	75 - 125	0	20	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-6789/1-A
Matrix: Water
Analysis Batch: 6901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6789

Analyte	MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Mercury	ND		0.00020	mg/L		08/06/24 14:13	08/07/24 12:47	1

Lab Sample ID: LCS 705-6789/2-A
Matrix: Water
Analysis Batch: 6901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6789

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	
Mercury	0.00400	0.00410		mg/L		103	80 - 120	

Eurofins Atlanta

QC Sample Results

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

Lab Sample ID: 705-3453-E-9-C MS
Matrix: Water
Analysis Batch: 6901

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6789

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00400	0.00413		mg/L		103	75 - 125

Lab Sample ID: 705-3453-E-9-D MSD
Matrix: Water
Analysis Batch: 6901

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6789

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00400	0.00409		mg/L		102	75 - 125	1	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-6809/1-A
Matrix: Solid
Analysis Batch: 6845

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6809

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	mg/Kg		08/06/24 15:53	08/06/24 19:09	1

Lab Sample ID: LCS 705-6809/2-A
Matrix: Solid
Analysis Batch: 6845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6809

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.415		mg/Kg		104	80 - 120

Lab Sample ID: 705-3081-C-1-C MS
Matrix: Solid
Analysis Batch: 6845

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.529	0.588		mg/Kg	✖	104	80 - 120

Lab Sample ID: 705-3081-C-1-D MSD
Matrix: Solid
Analysis Batch: 6845

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6809

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.529	0.600		mg/Kg	✖	107	80 - 120	2	20

Accreditation/Certification Summary

Client: Logic Environmental
Project/Site: S153

Job ID: 705-3367-1

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

END OF REPORT