



ATLANTIC COAST
CONSULTING, INC.

*Our work helps produce
a cleaner environment for all.*

October 18, 2024

Mr. Samuel B. Buckles
Environmental Scientist Manager
Forsyth County Recycling & Solid Waste Department
426 Canton Highway
Cumming, Georgia 30040

RE: Eagle Point Landfill Quality Assurance Sampling – Second 2024 Event
Permit No.: 058-012D(MSWL)

Dear Mr. Buckles:

As described in the scope of work provided to Forsyth County, Atlantic Coast Consulting, Inc. (ACC) provided a qualified groundwater scientist to attend one day of the Eagle Point Landfill's second 2024 sampling event to observe sampling procedures for quality assurance (QA) and to collect QA split samples for Forsyth County comparison. The sampling event occurred the week of July 8, 2024. ACC's field representative, Environmental Scientist Cam Klamke, was present to observe sampling activities on July 8, 2024. He met with Environmental Monitoring Services, LLC (EMS), the subcontracted sampling team of GFL Environmental and observed the sampling performed at the site and obtained QA split samples. ACC's QA split sampling included a subset of wells and surface water/underdrain sample points consisting of three groundwater wells, GWC-6, GWC-9, and GWC-11, one surface water location, SWC-9, and one underdrain location, UD-13 (previously named SWC-5). The field purging and/or water quality parameter data generated by EMS for each sampling point was recorded by ACC on ACC's field sampling logs, and copies of these logs are provided in **Appendix A**. Discussed below are the sampling protocols, laboratory results, and summary and recommendations.

SAMPLING PROTOCOL/TECHNIQUES

Below is a summary of the sampling protocol and techniques used by GFL Environmental's sampling representatives, as observed by ACC.

- A new pair of nitrile gloves was donned prior to beginning sampling at a well. When purging was complete, another new pair of nitrile gloves was donned prior to sampling.
- A low-flow method of well purging was performed for groundwater sample collection using a peristaltic pump for GWC-6 and GWC-9 and a dedicated bladder pump for GWC-11. Groundwater parameters (pH, specific conductance, and temperature)

were allowed to stabilize prior to sampling. Turbidity readings less than 10 nephelometric turbidity units (NTU) were achieved prior to sampling.

- When filling laboratory sample vials for groundwater, a low pump rate was used to minimize volatilization. In addition, no bubbles or headspace were allowed in the volatile organic analysis sample vials. Vacuum transfer caps were not used with the peristaltic pump for GWC-6 and GWC-9.
- When filling laboratory sample vials for surface water, grab sampling techniques were used to fill the sample containers directly from the surface water or underdrain sample point. Care was taken not to lose the laboratory bottle preservatives.
- The samples were apportioned into two sets of containers with bottle filling alternating between primary sample bottles and the ACC QA split sample bottles.
- The sample containers were placed on ice in a laboratory provided cooler immediately after the sampling process was complete.
- ACC's QA split sample containers were submitted for analyses to Eurofins Environment Testing (Eurofins) by ACC, and GFL Environmental's samples were submitted to Pace Analytical Services, LLC by EMS.

Groundwater purging followed low-flow techniques, and minimal drawdown was achieved at all three locations. Wells GWC-6 and GWC-9 were purged with a recorded flow rate between the Environmental Protection Agency (EPA) recommended 0.1 to 0.5 liters per minute (EPA¹, 1996). Well GWC-11 was purged at an approximate rate of 0.75 liters per minute, however minimal drawdown and low turbidity was achieved. As summarized in **Table 1**, groundwater samples collected for metals analysis were all collected at turbidity readings of less than 10 NTU. Groundwater samples were collected with the final three readings that met the following criteria: pH readings within 0.1 standard units, specific conductance within 10 percent, and temperature within 1 degree centigrade (**Attachment A**). The surface water metals were collected at low sample turbidities of 9.7 NTU at surface water point SWC-9 and 5.6 NTU at underdrain sample point UD-13 (see **Table 2** and **3**).

QUALITY ASSURANCE SAMPLE LABORATORY RESULTS

The QA split groundwater samples were submitted to Eurofins of Atlanta, Georgia for analysis of parameters as summarized on **Table 4**. Groundwater samples were analyzed for applicable Appendix I or Appendix II constituents as listed in 40 Code of Federal Regulations Part 258, Subpart E, 56 Federal Register 51032-51039 (October 9, 1991), and Rules for Solid Waste Management Chapter 391-3-4-.14 (22), as amended. Eurofins is a National Environmental Laboratory Accreditation Program certified laboratory. Chain of custody was maintained by ACC during QA split sample collection, handling, and shipping.

The laboratory analytical results, quality control data, and chain of custody records for the QA samples are included in **Attachment B** of this report. The surface water split sample results and field water quality readings are summarized in **Table 2**. SWC-9 was sampled

¹ U.S. Environmental Protection Agency, 1996 Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures by Robert W. Puls and Michael J. Barcelona, EPA/540/S-95/504, April 1996.

and analyzed for Appendix I volatile organic compounds (VOCs), chloride, and TDS. As summarized in **Table 2** there were detections of chloride and total dissolved solids (TDS) at SWC-9. Underdrain location UD-13 was sampled and analyzed for Appendix I VOCs, chloride, and TDS. A summary of detections and field water quality readings for the underdrain sample are provided in **Table 3**. As summarized in **Table 3**, there were detections of chloride and TDS in the underdrain sample UD-13. There were no detections of Appendix I VOCs in SWC-9 or UD-13.

Groundwater monitoring wells GWC-6, GWC-9 were sampled and analyzed for Appendix I parameters. Groundwater monitoring well GWC-11 was sampled and analyzed for Appendix II VOCs and Appendix II metals [The first 2024 report titled, *Groundwater Statistical Analysis Report First Semi-Annual 2024 Sampling Event, Eagle Point Landfill, LLC, Permit # 058-012D(MSWL), Forsyth County, Georgia*, recommended a limited assessment monitoring analyte list for wells GWC-11 and GWC-12R]. A summary of the ACC groundwater QA split sample results is provided on **Table 5** and a summary of field water quality readings is provided on **Table 1**. The laboratory results indicate that there were detections of barium, cobalt, and/or zinc in the groundwater samples. Detected concentrations were below U.S. EPA Maximum Contaminant Levels (MCLs), where applicable. There is no established EPA MCL for cobalt or zinc. For reference, the zinc on **Table 5** was compared to the National Secondary Drinking Water Standard.

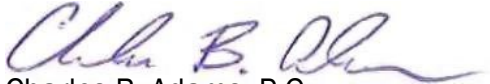
SUMMARY AND RECOMMENDATIONS

Based on ACC's observations, the field sampling procedures utilized by EMS followed general industry standards for well purging and sample collection for groundwater, surface water, and underdrain samples. The analytical results provided by the QA laboratory, Eurofins, met quality control standards and laboratory data are provided for Forsyth County comparison to GFL Environmental data. If requested, ACC is available to review the facility's Design & Operational Groundwater Monitoring Plan, corrective action plans, assessment monitoring plans, or other sampling and analysis plans specific to the Eagle Point Landfill to determine if the observed sampling event is compliant with applicable permit requirements.

If future QA split laboratory analysis is suggested, ACC recommends QA split samples for approximately ten percent of the total samples (three groundwater, one underdrain, and one surface water) during the January 2025 sampling event.

Sincerely,

ATLANTIC COAST CONSULTING, INC.



Charles B. Adams, P.G.

Project Manager

Encl.

TABLES

Table 1
Summary of Water Quality Parameter Readings
Eagle Point Landfill Forsyth County, Georgia
July 2024 Sampling Event



Well ID	pH (S.U.)	Specific Conductance (μS/cm)	Temperature (°C)	Turbidity (NTU)
GWC-6	5.01	77	23.6	1
GWC-9	4.38	693	21.1	1
GWC-11	4.88	404	18.9	1

Notes: Groundwater samples collected on July 8, 2024

Acronyms: S.U. = Standard Units
 μS/cm = microSiemens per centimeter

NTU = Nephelometric Turbidity Units
 °C = Degrees Celsius

Table 2
Summary of Surface Water Detections Field Parameters
Eagle Point Landfill Forsyth County, Georgia
July 2024 Sampling Event



Location	pH (S.U.)	Specific Conductance (μS/cm)	Temperature (°C)	Turbidity (NTU)
SWC-9	6.65	30	27.5	9.7

Location	Chloride (mg/L)	TDS (mg/L)
SWC-9	1.7	13

Notes: Surface water sampled July 8, 2024
 No Appendix I VOCs detected in SWC-9.

Acronyms: °C = Degrees Celsius
 μS/cm = microSiemens per centimeter
 mg/L = milligrams per Liter

NTU = Nephelometric Turbidity Units
 S.U. = Standard Units
 TDS= total dissolved solids

Table 3
Summary of Underdrain Detections Field Parameters
Eagle Point Landfill Forsyth County, Georgia
July 2024 Sampling Event



Location	pH (S.U.)	Specific Conductance (μS/cm)	Temperature (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
UD-13	5.99	199	24.4	5.6	3.7

Location	Chloride (mg/L)	TDS (mg/L)
UD-13	7.7	69

Notes: Underdrain sampled July 8, 2024
 No Appendix I VOCs detected in UD-13.

Acronyms: °C = Degrees Celsius
 mg/L = milligrams per Liter
 μS/cm = microSiemens per centimeter

NTU = Nephelometric Turbidity Units
 TDS= total dissolved solids
 S.U. = Standard Units

Table 4
Summary of Laboratory Analysis and Sample Method
Eagle Point Landfill Forsyth County, Georgia
July 2024 Sampling Event



Well ID	Type	Analysis	Sample Method
GWC-6	groundwater	Appendix I	Peristaltic
GWC-9	groundwater	Appendix I	Peristaltic
GWC-11	groundwater	Appendix II VOCs and metals	Dedicated Bladder Pump

Location	Type	Analysis	Sample Method
SWC-9	Surface Water	Appendix I VOCs, chloride, TDS	Grab
UD-13	Underdrain	Appendix I VOCs, chloride, TDS	Grab

Notes: Samples collected July 8, 2024.
Appendix I/II = 40 Code of Federal Regulations 258

Table 5
Summary of Appendix I/II Detections in Groundwater
Eagle Point Landfill Forsyth County, Georgia
July 2024 Sampling Event



Well ID	Barium (mg/L)	Cobalt (mg/L)	Zinc (mg/L)
GWC-6	0.068	-	0.013
GWC-9	0.12	0.058	0.029
GWC-11	0.19	0.037	0.024
MCL	2	NE	5*

Notes: Groundwater samples collected on July 8, 2024
 A dash (-) = below laboratory reporting limit
 * National Secondary Drinking Water Regulation

Acronyms: MCL= Maximum Contaminant Level
 mg/L = milligrams per liter
 NE = not established

ATTACHMENTS



ATTACHMENT A
Field Sampling Logs



Job Name: eagle point
 Sampled By: C. Hlanne
 Begin Purging 7/8/24, 1003
 Date / Time
 Water Level 26.86 Ft BTOC
 Standing Water Column (H) 10.68 Ft.
 Standing Well Volume 1.71 Gal.
 Purge Volume Removed 1.30 Gal.

Job No. _____ Well No. GWC-6
 Sampling Date 7/8/24 Sheet No. 1 of 1
 Completed Purging _____ / _____
 Date / Time
 Well Depth: 37.57 Ft BTOC Well Dia. 2 In.
 Casing Type PVC Screen Length 10 Ft.
 Purging Device Peri Pump
 Tubing Type Teflon

Time	Water Level (BTOC)	Field Parameters						Remarks <i>Purge rate</i>
		pH (s.u.)	Spec. Cond. (µS/cm)	DO (mg/L)	eH/ORP (mV)	Temp. (°C)	Turbidity (NTU)	
1010	26.95	5.24	84	1.96	168	22.1	0	180
1014		4.98	79	1.26	168	22.4	0	
1018		4.97	77	1.00	168	23.1	0	
1022		5.00	77	0.86	168	23.2	0	
1026		5.00	76	0.74	169	23.0	1	
1030		5.01	77	0.69	168	23.6	1	

Final Sample Parameters

1030	26.95	5.01	77	0.69	168	23.6	1	
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Sample Appearance clear Odor? none Color none
 Comments PH - 5.18 Spec. Cond - 214 D.O. - 1.50 eH/ORP - 226
Temp - 26.40 Turb - 2.70

Notes: H = well depth (BTOC) - W.L.(BTOC)
 Well volume standing in pipe:
 2" diameter well: 0.16 x H = vol. (gal)
 4" diameter well: 0.66 x H = vol. (gal)

Job Name: Rayle Point

Job No. _____ Well No. GVC-9

Sampled By: C. Klampe

Sampling Date 7/18/24 Sheet No. 1 of 1

Begin Purging 7/18/24, 1104
Date / Time

Completed Purging 7/18/24, 1127
Date / Time

Water Level 17.02 Ft BTOC

Well Depth: 24.35 Ft BTOC Well Dia. 2 In.

Standing Water Column (H) 7.33 Ft.

Casing Type PVC Screen Length 10 Ft.

Standing Well Volume 1.17 Gal.

Purging Device Peti Pump

Purge Volume Removed 1.27 Gal.

Tubing Type Teflon

Time	Water Level (BTOC)	Field Parameters						Remarks Purge Rate
		pH (s.u.)	Spec. Cond. (µS/cm)	DO (mg/L)	eH/ORP (mV)	Temp. (°C)	Turbidity (NTU)	
1111	17.40	4.41	682	1.52	225	20.7	1	210
1115	17.45	4.40	686	1.12	225	21.0	1	↓
1119	17.45	4.39	687	0.95	225	21.2	1	
1123	17.50	4.38	686	0.87	224	21.0	1	
1127	17.54	4.38	693	0.79	223	21.1	1	

Final Sample Parameters

1127	17.54	4.38	693	0.79	223	21.1	1	
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Sample Appearance Clear Odor? None Color None

Comments PH - 4.90 Spec. cond - 708 D.O. - 2.10 eH/ORP - 276
Temp - 25.90 Turb - .44

Notes: H = well depth (BTOC) - W.L.(BTOC)
Well volume standing in pipe:
2" diameter well: 0.16 x H = vol. (gal)
4" diameter well: 0.66 x H = vol. (gal)

SURFACE WATER FIELD DATA

SITE: Eagle Point

Sampling Event:

Measured by: C. Hankel

POINT ID	DATE SAMPLED	TIME SAMPLED	pH (S.U.)	SC (µS/cm)	Temp. (Degrees C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)
ACC UD-13	7/18/24	1321	5.99	199	24.40	5.60	3.70	-30
COMMENTS: clear, no color, slight odor								

POINT ID	DATE SAMPLED	TIME SAMPLED	pH (S.U.)	SC (µS/cm)	Temp. (Degrees C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)
EM services UD-13	7/18/24	1321	5.71	191	25.6	1	3.07	N/A
COMMENTS: clear / slight odor / low flow								

POINT ID	DATE SAMPLED	TIME SAMPLED	pH (S.U.)	SC (µS/cm)	Temp. (Degrees C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)
ACC SWC-9	7/18/24	1408	6.65	30	27.50	9.72	6.20	93
COMMENTS: clear, no color, no odor								

POINT ID	DATE SAMPLED	TIME SAMPLED	pH (S.U.)	SC (µS/cm)	Temp. (Degrees C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)
EM services SWC-9	7/18/24	1408	6.19	30	28.0	1	5.82	N/A
COMMENTS: clear / no odor / good flow								

Notes: S.U. = Standard Units NTU = Nephelometric Turbidity Units
 µS/cm = microSiemens/cm mV = millivolts
 mg/L = milligrams per liter

ATTACHMENT B
Laboratory Report



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Charles Adams
Atlantic Coast Consulting, Inc.
11545 Wills Road
Suite 100
Alpharetta, Georgia 30009

Generated 7/19/2024 3:39:07 PM Revision 1

JOB DESCRIPTION

Forsyth County - Eagle Point Landfill

JOB NUMBER

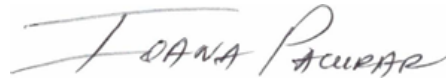
705-1080-1

Eurofins Atlanta

Job Notes

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

Authorization



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Revision 1

Authorized for release by
Ioana Pacurar, Project Manager
ioana.pacurar@et.eurofinsus.com
(770)457-8177



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Definitions/Glossary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

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

Glossary

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

Environment III Inc

CHAIN OF CUSTODY

COMPANY Atlantic coast consulting, inc		ADDRESS 11545 Willis Road suite 100 Alpharetta, GA 30009				ANALYSIS REQUESTED						Visit our website www.EurofinsUS.com for downloadable COCs.	Number of Containers		
PHONE 770-712-9785 or 770-594-5998		EMAIL Charles.Adams@atlcc.net				APPENDIX I VOC APPENDIX II VOC APPENDIX I METALS APPENDIX II METALS Chlorides Total Dissolved Solids									
SAMPLED BY C. Klumke		SIGNATURE <i>[Signature]</i>				PRESERVATION (see codes)									
#	SAMPLE ID	SAMPLED		GRAB	COMPOSITE	MATRIX (see codes)	PRESERVATION (see codes)						REMARKS	Number of Containers	
		DATE	TIME												
1	GWCL-11	7/18/24	1242	X		GW		✓		✓					3
2	GWCL-6	7/18/24	1030	X		GW	✓		✓						3
3	GWCL-9	7/18/24	1127	X		GW	✓		✓						3
4	UD-13	7/18/24	1321	X		SW	✓			✓	✓				4
5	SWCL-9	7/18/24	1408	X		SW	✓			✓	✓				4
6	TRIP Blank	—	—	X		W		✓							2
7															
8															
9															
10															
11															
12															
13															
14															
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION						RECEIPT	
1 <i>[Signature]</i>		7/18/24/1626		1 <i>[Signature]</i>		070824 1626		PROJECT NAME Forsyth county - Eagle Point Landfill						Total # of Containers 19	
2.				2 <i>[Signature]</i>				PROJECT # 6020-117						Turnaround Time (TAT) Request in Business Days	
3.				3				SITE ADDRESS 8480 Old Federal Road, Ball Ground, GA 30107						<input checked="" type="checkbox"/> Standard <input type="checkbox"/> 4-Day Rush* <input type="checkbox"/> 3-Day Rush* <input type="checkbox"/> 2-Day Rush* <input type="checkbox"/> Next Day Rush* <input type="checkbox"/> Other _____ <input type="checkbox"/> Same-Day Rush* (auth req)	
SPECIAL INSTRUCTIONS/COMMENTS temp - 1.1°C				SHIPMENT METHOD				SEND REPORT TO Charles Adams, Betsy McDaniel, Taylor Gubie						* Surcharges apply for Rush TAT	
				OUT: / / VIA IN: / / VIA. 1.1°C <input checked="" type="radio"/> Client FedEx UPS US mail courier 2665 other _____				INVOICE TO (IF DIFFERENT FROM ABOVE) Charles Adams						REGULATORY PROGRAM (if any):	
								QUOTE # _____ PO# _____						DATA PACKAGE <input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/> O	



705 1080 COC

Submission of samples to the laboratory constitutes acceptance of EETSE's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, EETSE-Atlanta will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

Matrix Codes A=Air GW=Groundwater SE=Sediment SO=Soil SW=Surface Water ST=Stormwater WW=Waste Water W=Water (Blanks) DW=Drinking Water (Blanks) O=Other (specify)
Preservative Codes H+I=Hydrochloric acid + ice I=Ice only N=Nitric acid S+I=Sulfuric acid + ice S/M+I=Sodium Bisulfate/Methanol + ice NaOH=SH O=Other (specify) NA=None

Case Narrative

Client: Atlantic Coast Consulting, Inc.
Project: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Job ID: 705-1080-1

Eurofins Atlanta

Job Narrative 705-1080-1

REVISION

The report being provided is a revision of the original report sent on 7/16/2024. The report (revision 1) is being revised due to at the request of the client the reporting limits were adjusted to reflect the history of the project..

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 7/8/2024 4:26 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C.

GC/MS VOA Method 8260D

The continuing calibration verification (CCV) associated with batch 705-2825 recovered outside acceptance criteria, low biased, for Acrolein. 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.

The continuing calibration verification (CCV) associated with batch 705-2825 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 705-2825 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.

The continuing calibration verification (CCV) associated with batch 705-2834 recovered above the upper control limit for Isobutyl alcohol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: GWC-11 (705-1080-1).

The continuing calibration verification (CCV) associated with batch 705-2825 recovered outside acceptance criteria, low biased, for Acrolein. 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.

The continuing calibration verification (CCV) associated with batch 705-2825 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 continuing calibration verification (CCV) associated with batch 705-3486 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 samples are impacted: Trip Blank (705-1080-6), (705-1755-A-1), (705-1755-B-1 DU) and (705-1755-A-5).

The matrix spike (MS recoveries for analytical batch 705-3486 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.

Eurofins Atlanta

Case Narrative

Client: Atlantic Coast Consulting, Inc.
Project: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Job ID: 705-1080-1 (Continued)

Eurofins Atlanta

The continuing calibration verification (CCV) associated with batch 705-3486 recovered outside acceptance criteria, low biased, for 1,2,3-Trichloropropane, Acrolein, Dichlorodifluoromethane and trans-1,4-Dichloro-2-butene. 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.

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

HPLC/IC Method EPA300

The second matrix spike recovery and precision for analytical batch 705-2982 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 705-2982 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.

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

Metals

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

Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: GWC-11

Lab Sample ID: 705-1080-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.19		0.020	mg/L	1		6020B	Total Recoverable
Zinc	0.024		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-6

Lab Sample ID: 705-1080-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.068		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-9

Lab Sample ID: 705-1080-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.12		0.020	mg/L	1		6020B	Total Recoverable
Cobalt	0.058		0.040	mg/L	1		6020B	Total Recoverable
Zinc	0.029		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: UD-13

Lab Sample ID: 705-1080-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.7		1.0	mg/L	1		300.0	Total/NA
Total Dissolved Solids	69		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SWC-9

Lab Sample ID: 705-1080-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0	mg/L	1		300.0	Total/NA
Total Dissolved Solids	13		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 705-1080-6

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: GWC-11

Lab Sample ID: 705-1080-1

Date Collected: 07/08/24 12:42

Matrix: Water

Date Received: 07/08/24 16:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 14:28	1
1,1,1-Trichloroethane	ND		2.0	ug/L			07/09/24 14:28	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 14:28	1
1,1,2-Trichloroethane	ND		2.0	ug/L			07/09/24 14:28	1
1,1-Dichloroethane	ND		2.0	ug/L			07/09/24 14:28	1
1,1-Dichloroethene	ND		2.0	ug/L			07/09/24 14:28	1
1,1-Dichloropropene	ND		2.0	ug/L			07/09/24 14:28	1
1,2,3-Trichloropropane	ND		2.0	ug/L			07/09/24 14:28	1
1,2,4-Trichlorobenzene	ND		10	ug/L			07/09/24 14:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			07/09/24 14:28	1
1,2-Dibromoethane	ND		1.0	ug/L			07/09/24 14:28	1
1,2-Dichlorobenzene	ND		10	ug/L			07/09/24 14:28	1
1,2-Dichloroethane	ND		2.0	ug/L			07/09/24 14:28	1
1,2-Dichloropropane	ND		2.0	ug/L			07/09/24 14:28	1
1,3-Dichlorobenzene	ND		10	ug/L			07/09/24 14:28	1
1,3-Dichloropropane	ND		2.0	ug/L			07/09/24 14:28	1
1,4-Dichlorobenzene	ND		10	ug/L			07/09/24 14:28	1
2,2-Dichloropropane	ND		2.0	ug/L			07/09/24 14:28	1
2-Butanone	ND		100	ug/L			07/09/24 14:28	1
2-Hexanone	ND		50	ug/L			07/09/24 14:28	1
4-Methyl-2-pentanone	ND		50	ug/L			07/09/24 14:28	1
Acetone	ND		100	ug/L			07/09/24 14:28	1
Acetonitrile	ND		200	ug/L			07/09/24 14:28	1
Acrolein	ND		50	ug/L			07/09/24 14:28	1
Acrylonitrile	ND		50	ug/L			07/09/24 14:28	1
Allyl chloride	ND		100	ug/L			07/09/24 14:28	1
Benzene	ND		2.0	ug/L			07/09/24 14:28	1
Bromochloromethane	ND		10	ug/L			07/09/24 14:28	1
Bromodichloromethane	ND		10	ug/L			07/09/24 14:28	1
Bromoform	ND		10	ug/L			07/09/24 14:28	1
Bromomethane	ND		10	ug/L			07/09/24 14:28	1
Carbon disulfide	ND		5.0	ug/L			07/09/24 14:28	1
Carbon tetrachloride	ND		2.0	ug/L			07/09/24 14:28	1
Chlorobenzene	ND		10	ug/L			07/09/24 14:28	1
Chloroethane	ND		2.0	ug/L			07/09/24 14:28	1
Chloroform	ND		2.0	ug/L			07/09/24 14:28	1
Chloromethane	ND		10	ug/L			07/09/24 14:28	1
Chloroprene	ND		20	ug/L			07/09/24 14:28	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 14:28	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 14:28	1
Dibromochloromethane	ND		10	ug/L			07/09/24 14:28	1
Dibromomethane	ND		10	ug/L			07/09/24 14:28	1
Dichlorodifluoromethane	ND		10	ug/L			07/09/24 14:28	1
Ethylbenzene	ND		2.0	ug/L			07/09/24 14:28	1
Iodomethane	ND		100	ug/L			07/09/24 14:28	1
Isobutyl alcohol	ND		200	ug/L			07/09/24 14:28	1
Methacrylonitrile	ND		100	ug/L			07/09/24 14:28	1
Methyl methacrylate	ND		10	ug/L			07/09/24 14:28	1
Methylene Chloride	ND		5.0	ug/L			07/09/24 14:28	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: GWC-11

Lab Sample ID: 705-1080-1

Date Collected: 07/08/24 12:42

Matrix: Water

Date Received: 07/08/24 16:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	ug/L			07/09/24 14:28	1
Propionitrile	ND		75	ug/L			07/09/24 14:28	1
Styrene	ND		10	ug/L			07/09/24 14:28	1
Tetrachloroethene	ND		2.0	ug/L			07/09/24 14:28	1
Toluene	ND		2.0	ug/L			07/09/24 14:28	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 14:28	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 14:28	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			07/09/24 14:28	1
Trichloroethene	ND		2.0	ug/L			07/09/24 14:28	1
Trichlorofluoromethane	ND		10	ug/L			07/09/24 14:28	1
Vinyl acetate	ND		100	ug/L			07/09/24 14:28	1
Vinyl chloride	ND		2.0	ug/L			07/09/24 14:28	1
Xylenes, Total	ND		5.0	ug/L			07/09/24 14:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	104		77 - 121				07/09/24 14:28	1
Dibromofluoromethane (Surr)	112		77 - 121				07/09/24 14:28	1
Toluene-d8 (Surr)	100		79 - 119				07/09/24 14:28	1
Toluene-d8 (Surr)	108		79 - 119				07/09/24 14:28	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		07/09/24 07:50	07/10/24 19:40	1
Arsenic	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:40	1
Barium	0.19		0.020	mg/L		07/09/24 07:50	07/10/24 19:40	1
Beryllium	ND		0.0030	mg/L		07/09/24 07:50	07/10/24 19:40	1
Cadmium	ND		0.0050	mg/L		07/09/24 07:50	07/10/24 19:40	1
Chromium	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:40	1
Cobalt	ND		0.040	mg/L		07/09/24 07:50	07/10/24 19:40	1
Copper	ND		0.020	mg/L		07/09/24 07:50	07/10/24 19:40	1
Lead	ND		0.015	mg/L		07/09/24 07:50	07/10/24 19:40	1
Nickel	ND		0.020	mg/L		07/09/24 07:50	07/10/24 19:40	1
Selenium	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:40	1
Silver	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:40	1
Thallium	ND		0.0020	mg/L		07/09/24 07:50	07/10/24 19:40	1
Tin	ND		0.040	mg/L		07/09/24 07:50	07/10/24 19:40	1
Vanadium	ND		0.020	mg/L		07/09/24 07:50	07/10/24 19:40	1
Zinc	0.024		0.020	mg/L		07/09/24 07:50	07/10/24 19:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		07/11/24 13:29	07/11/24 19:59	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: GWC-6

Lab Sample ID: 705-1080-2

Date Collected: 07/08/24 10:30

Matrix: Water

Date Received: 07/08/24 16:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 14:04	1
1,1,1-Trichloroethane	ND		2.0	ug/L			07/09/24 14:04	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 14:04	1
1,1,2-Trichloroethane	ND		2.0	ug/L			07/09/24 14:04	1
1,1-Dichloroethane	ND		2.0	ug/L			07/09/24 14:04	1
1,1-Dichloroethene	ND		2.0	ug/L			07/09/24 14:04	1
1,2,3-Trichloropropane	ND		10	ug/L			07/09/24 14:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			07/09/24 14:04	1
1,2-Dibromoethane	ND		1.0	ug/L			07/09/24 14:04	1
1,2-Dichlorobenzene	ND		10	ug/L			07/09/24 14:04	1
1,2-Dichloroethane	ND		2.0	ug/L			07/09/24 14:04	1
1,2-Dichloropropane	ND		2.0	ug/L			07/09/24 14:04	1
1,4-Dichlorobenzene	ND		10	ug/L			07/09/24 14:04	1
2-Butanone	ND		100	ug/L			07/09/24 14:04	1
2-Hexanone	ND		50	ug/L			07/09/24 14:04	1
4-Methyl-2-pentanone	ND		50	ug/L			07/09/24 14:04	1
Acetone	ND		100	ug/L			07/09/24 14:04	1
Acrylonitrile	ND		50	ug/L			07/09/24 14:04	1
Benzene	ND		2.0	ug/L			07/09/24 14:04	1
Bromochloromethane	ND		10	ug/L			07/09/24 14:04	1
Bromodichloromethane	ND		10	ug/L			07/09/24 14:04	1
Bromoform	ND		10	ug/L			07/09/24 14:04	1
Bromomethane	ND		10	ug/L			07/09/24 14:04	1
Carbon disulfide	ND		5.0	ug/L			07/09/24 14:04	1
Carbon tetrachloride	ND		2.0	ug/L			07/09/24 14:04	1
Chlorobenzene	ND		10	ug/L			07/09/24 14:04	1
Chloroethane	ND		2.0	ug/L			07/09/24 14:04	1
Chloroform	ND		2.0	ug/L			07/09/24 14:04	1
Chloromethane	ND		10	ug/L			07/09/24 14:04	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 14:04	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 14:04	1
Dibromochloromethane	ND		10	ug/L			07/09/24 14:04	1
Dibromomethane	ND		10	ug/L			07/09/24 14:04	1
Ethylbenzene	ND		2.0	ug/L			07/09/24 14:04	1
Iodomethane	ND		100	ug/L			07/09/24 14:04	1
Methylene Chloride	ND		5.0	ug/L			07/09/24 14:04	1
Styrene	ND		10	ug/L			07/09/24 14:04	1
Tetrachloroethene	ND		2.0	ug/L			07/09/24 14:04	1
Toluene	ND		2.0	ug/L			07/09/24 14:04	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 14:04	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 14:04	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			07/09/24 14:04	1
Trichloroethene	ND		2.0	ug/L			07/09/24 14:04	1
Trichlorofluoromethane	ND		10	ug/L			07/09/24 14:04	1
Vinyl acetate	ND		100	ug/L			07/09/24 14:04	1
Vinyl chloride	ND		2.0	ug/L			07/09/24 14:04	1
Xylenes, Total	ND		5.0	ug/L			07/09/24 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 126		07/09/24 14:04	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: GWC-6
Date Collected: 07/08/24 10:30
Date Received: 07/08/24 16:26

Lab Sample ID: 705-1080-2
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	106		77 - 121		07/09/24 14:04	1
Toluene-d8 (Surr)	101		79 - 119		07/09/24 14:04	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		07/09/24 07:50	07/10/24 19:43	1
Arsenic	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:43	1
Barium	0.068		0.020	mg/L		07/09/24 07:50	07/10/24 19:43	1
Beryllium	ND		0.0030	mg/L		07/09/24 07:50	07/10/24 19:43	1
Cadmium	ND		0.0050	mg/L		07/09/24 07:50	07/10/24 19:43	1
Chromium	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:43	1
Cobalt	ND		0.040	mg/L		07/09/24 07:50	07/10/24 19:43	1
Copper	ND		0.020	mg/L		07/09/24 07:50	07/10/24 19:43	1
Lead	ND		0.015	mg/L		07/09/24 07:50	07/10/24 19:43	1
Nickel	ND		0.020	mg/L		07/09/24 07:50	07/10/24 19:43	1
Selenium	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:43	1
Silver	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:43	1
Thallium	ND		0.0020	mg/L		07/09/24 07:50	07/10/24 19:43	1
Vanadium	ND		0.020	mg/L		07/09/24 07:50	07/10/24 19:43	1
Zinc	ND		0.020	mg/L		07/09/24 07:50	07/10/24 19:43	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: GWC-9

Lab Sample ID: 705-1080-3

Date Collected: 07/08/24 11:27

Matrix: Water

Date Received: 07/08/24 16:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 13:41	1
1,1,1-Trichloroethane	ND		2.0	ug/L			07/09/24 13:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 13:41	1
1,1,2-Trichloroethane	ND		2.0	ug/L			07/09/24 13:41	1
1,1-Dichloroethane	ND		2.0	ug/L			07/09/24 13:41	1
1,1-Dichloroethene	ND		2.0	ug/L			07/09/24 13:41	1
1,2,3-Trichloropropane	ND		10	ug/L			07/09/24 13:41	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			07/09/24 13:41	1
1,2-Dibromoethane	ND		1.0	ug/L			07/09/24 13:41	1
1,2-Dichlorobenzene	ND		10	ug/L			07/09/24 13:41	1
1,2-Dichloroethane	ND		2.0	ug/L			07/09/24 13:41	1
1,2-Dichloropropane	ND		2.0	ug/L			07/09/24 13:41	1
1,4-Dichlorobenzene	ND		10	ug/L			07/09/24 13:41	1
2-Butanone	ND		100	ug/L			07/09/24 13:41	1
2-Hexanone	ND		50	ug/L			07/09/24 13:41	1
4-Methyl-2-pentanone	ND		50	ug/L			07/09/24 13:41	1
Acetone	ND		100	ug/L			07/09/24 13:41	1
Acrylonitrile	ND		50	ug/L			07/09/24 13:41	1
Benzene	ND		2.0	ug/L			07/09/24 13:41	1
Bromochloromethane	ND		10	ug/L			07/09/24 13:41	1
Bromodichloromethane	ND		10	ug/L			07/09/24 13:41	1
Bromoform	ND		10	ug/L			07/09/24 13:41	1
Bromomethane	ND		10	ug/L			07/09/24 13:41	1
Carbon disulfide	ND		5.0	ug/L			07/09/24 13:41	1
Carbon tetrachloride	ND		2.0	ug/L			07/09/24 13:41	1
Chlorobenzene	ND		10	ug/L			07/09/24 13:41	1
Chloroethane	ND		2.0	ug/L			07/09/24 13:41	1
Chloroform	ND		2.0	ug/L			07/09/24 13:41	1
Chloromethane	ND		10	ug/L			07/09/24 13:41	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 13:41	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 13:41	1
Dibromochloromethane	ND		10	ug/L			07/09/24 13:41	1
Dibromomethane	ND		10	ug/L			07/09/24 13:41	1
Ethylbenzene	ND		2.0	ug/L			07/09/24 13:41	1
Iodomethane	ND		100	ug/L			07/09/24 13:41	1
Methylene Chloride	ND		5.0	ug/L			07/09/24 13:41	1
Styrene	ND		10	ug/L			07/09/24 13:41	1
Tetrachloroethene	ND		2.0	ug/L			07/09/24 13:41	1
Toluene	ND		2.0	ug/L			07/09/24 13:41	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 13:41	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 13:41	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			07/09/24 13:41	1
Trichloroethene	ND		2.0	ug/L			07/09/24 13:41	1
Trichlorofluoromethane	ND		10	ug/L			07/09/24 13:41	1
Vinyl acetate	ND		100	ug/L			07/09/24 13:41	1
Vinyl chloride	ND		2.0	ug/L			07/09/24 13:41	1
Xylenes, Total	ND		5.0	ug/L			07/09/24 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		07/09/24 13:41	1

Eurofins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: GWC-9
Date Collected: 07/08/24 11:27
Date Received: 07/08/24 16:26

Lab Sample ID: 705-1080-3
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	104		77 - 121		07/09/24 13:41	1
Toluene-d8 (Surr)	101		79 - 119		07/09/24 13:41	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		07/09/24 07:50	07/10/24 19:45	1
Arsenic	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:45	1
Barium	0.12		0.020	mg/L		07/09/24 07:50	07/10/24 19:45	1
Beryllium	ND		0.0030	mg/L		07/09/24 07:50	07/10/24 19:45	1
Cadmium	ND		0.0050	mg/L		07/09/24 07:50	07/10/24 19:45	1
Chromium	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:45	1
Cobalt	0.058		0.040	mg/L		07/09/24 07:50	07/10/24 19:45	1
Copper	ND		0.020	mg/L		07/09/24 07:50	07/10/24 19:45	1
Lead	ND		0.015	mg/L		07/09/24 07:50	07/10/24 19:45	1
Nickel	ND		0.020	mg/L		07/09/24 07:50	07/10/24 19:45	1
Selenium	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:45	1
Silver	ND		0.010	mg/L		07/09/24 07:50	07/10/24 19:45	1
Thallium	ND		0.0020	mg/L		07/09/24 07:50	07/10/24 19:45	1
Vanadium	ND		0.020	mg/L		07/09/24 07:50	07/10/24 19:45	1
Zinc	0.029		0.020	mg/L		07/09/24 07:50	07/10/24 19:45	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: UD-13
Date Collected: 07/08/24 13:21
Date Received: 07/08/24 16:26

Lab Sample ID: 705-1080-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 10:49	1
1,1,1-Trichloroethane	ND		2.0	ug/L			07/09/24 10:49	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 10:49	1
1,1,2-Trichloroethane	ND		2.0	ug/L			07/09/24 10:49	1
1,1-Dichloroethane	ND		2.0	ug/L			07/09/24 10:49	1
1,1-Dichloroethene	ND		2.0	ug/L			07/09/24 10:49	1
1,2,3-Trichloropropane	ND		10	ug/L			07/09/24 10:49	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			07/09/24 10:49	1
1,2-Dibromoethane	ND		1.0	ug/L			07/09/24 10:49	1
1,2-Dichlorobenzene	ND		10	ug/L			07/09/24 10:49	1
1,2-Dichloroethane	ND		2.0	ug/L			07/09/24 10:49	1
1,2-Dichloropropane	ND		2.0	ug/L			07/09/24 10:49	1
1,4-Dichlorobenzene	ND		10	ug/L			07/09/24 10:49	1
2-Butanone	ND		100	ug/L			07/09/24 10:49	1
2-Hexanone	ND		50	ug/L			07/09/24 10:49	1
4-Methyl-2-pentanone	ND		50	ug/L			07/09/24 10:49	1
Acetone	ND		100	ug/L			07/09/24 10:49	1
Acrylonitrile	ND		50	ug/L			07/09/24 10:49	1
Benzene	ND		2.0	ug/L			07/09/24 10:49	1
Bromochloromethane	ND		10	ug/L			07/09/24 10:49	1
Bromodichloromethane	ND		10	ug/L			07/09/24 10:49	1
Bromoform	ND		10	ug/L			07/09/24 10:49	1
Bromomethane	ND		10	ug/L			07/09/24 10:49	1
Carbon disulfide	ND		5.0	ug/L			07/09/24 10:49	1
Carbon tetrachloride	ND		2.0	ug/L			07/09/24 10:49	1
Chlorobenzene	ND		10	ug/L			07/09/24 10:49	1
Chloroethane	ND		2.0	ug/L			07/09/24 10:49	1
Chloroform	ND		2.0	ug/L			07/09/24 10:49	1
Chloromethane	ND		10	ug/L			07/09/24 10:49	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 10:49	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 10:49	1
Dibromochloromethane	ND		10	ug/L			07/09/24 10:49	1
Dibromomethane	ND		10	ug/L			07/09/24 10:49	1
Ethylbenzene	ND		2.0	ug/L			07/09/24 10:49	1
Iodomethane	ND		100	ug/L			07/09/24 10:49	1
Methylene Chloride	ND		5.0	ug/L			07/09/24 10:49	1
Styrene	ND		10	ug/L			07/09/24 10:49	1
Tetrachloroethene	ND		2.0	ug/L			07/09/24 10:49	1
Toluene	ND		2.0	ug/L			07/09/24 10:49	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 10:49	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 10:49	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			07/09/24 10:49	1
Trichloroethene	ND		2.0	ug/L			07/09/24 10:49	1
Trichlorofluoromethane	ND		10	ug/L			07/09/24 10:49	1
Vinyl acetate	ND		100	ug/L			07/09/24 10:49	1
Vinyl chloride	ND		2.0	ug/L			07/09/24 10:49	1
Xylenes, Total	ND		5.0	ug/L			07/09/24 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 126		07/09/24 10:49	1

Eurofins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: UD-13

Lab Sample ID: 705-1080-4

Date Collected: 07/08/24 13:21

Matrix: Water

Date Received: 07/08/24 16:26

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		77 - 121		07/09/24 10:49	1
Toluene-d8 (Surr)	99		79 - 119		07/09/24 10:49	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.7		1.0	mg/L			07/11/24 01:37	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	69		10	mg/L			07/10/24 09:53	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: SWC-9

Lab Sample ID: 705-1080-5

Date Collected: 07/08/24 14:08

Matrix: Water

Date Received: 07/08/24 16:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 11:37	1
1,1,1-Trichloroethane	ND		2.0	ug/L			07/09/24 11:37	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 11:37	1
1,1,2-Trichloroethane	ND		2.0	ug/L			07/09/24 11:37	1
1,1-Dichloroethane	ND		2.0	ug/L			07/09/24 11:37	1
1,1-Dichloroethene	ND		2.0	ug/L			07/09/24 11:37	1
1,2,3-Trichloropropane	ND		10	ug/L			07/09/24 11:37	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			07/09/24 11:37	1
1,2-Dibromoethane	ND		1.0	ug/L			07/09/24 11:37	1
1,2-Dichlorobenzene	ND		10	ug/L			07/09/24 11:37	1
1,2-Dichloroethane	ND		2.0	ug/L			07/09/24 11:37	1
1,2-Dichloropropane	ND		2.0	ug/L			07/09/24 11:37	1
1,4-Dichlorobenzene	ND		10	ug/L			07/09/24 11:37	1
2-Butanone	ND		100	ug/L			07/09/24 11:37	1
2-Hexanone	ND		50	ug/L			07/09/24 11:37	1
4-Methyl-2-pentanone	ND		50	ug/L			07/09/24 11:37	1
Acetone	ND		100	ug/L			07/09/24 11:37	1
Acrylonitrile	ND		50	ug/L			07/09/24 11:37	1
Benzene	ND		2.0	ug/L			07/09/24 11:37	1
Bromochloromethane	ND		10	ug/L			07/09/24 11:37	1
Bromodichloromethane	ND		10	ug/L			07/09/24 11:37	1
Bromoform	ND		10	ug/L			07/09/24 11:37	1
Bromomethane	ND		10	ug/L			07/09/24 11:37	1
Carbon disulfide	ND		5.0	ug/L			07/09/24 11:37	1
Carbon tetrachloride	ND		2.0	ug/L			07/09/24 11:37	1
Chlorobenzene	ND		10	ug/L			07/09/24 11:37	1
Chloroethane	ND		2.0	ug/L			07/09/24 11:37	1
Chloroform	ND		2.0	ug/L			07/09/24 11:37	1
Chloromethane	ND		10	ug/L			07/09/24 11:37	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 11:37	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 11:37	1
Dibromochloromethane	ND		10	ug/L			07/09/24 11:37	1
Dibromomethane	ND		10	ug/L			07/09/24 11:37	1
Ethylbenzene	ND		2.0	ug/L			07/09/24 11:37	1
Iodomethane	ND		100	ug/L			07/09/24 11:37	1
Methylene Chloride	ND		5.0	ug/L			07/09/24 11:37	1
Styrene	ND		10	ug/L			07/09/24 11:37	1
Tetrachloroethene	ND		2.0	ug/L			07/09/24 11:37	1
Toluene	ND		2.0	ug/L			07/09/24 11:37	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 11:37	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 11:37	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			07/09/24 11:37	1
Trichloroethene	ND		2.0	ug/L			07/09/24 11:37	1
Trichlorofluoromethane	ND		10	ug/L			07/09/24 11:37	1
Vinyl acetate	ND		100	ug/L			07/09/24 11:37	1
Vinyl chloride	ND		2.0	ug/L			07/09/24 11:37	1
Xylenes, Total	ND		5.0	ug/L			07/09/24 11:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		07/09/24 11:37	1

Eurofins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: SWC-9
Date Collected: 07/08/24 14:08
Date Received: 07/08/24 16:26

Lab Sample ID: 705-1080-5
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	103		77 - 121		07/09/24 11:37	1
Toluene-d8 (Surr)	99		79 - 119		07/09/24 11:37	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	mg/L			07/11/24 01:48	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	13		10	mg/L			07/10/24 09:53	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: Trip Blank

Lab Sample ID: 705-1080-6

Date Collected: 07/08/24 00:00

Matrix: Water

Date Received: 07/08/24 16:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			07/15/24 10:15	1
1,1,1-Trichloroethane	ND		2.0	ug/L			07/15/24 10:15	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			07/15/24 10:15	1
1,1,2-Trichloroethane	ND		2.0	ug/L			07/15/24 10:15	1
1,1-Dichloroethane	ND		2.0	ug/L			07/15/24 10:15	1
1,1-Dichloroethene	ND		2.0	ug/L			07/15/24 10:15	1
1,1-Dichloropropene	ND		2.0	ug/L			07/15/24 10:15	1
1,2,3-Trichloropropane	ND		2.0	ug/L			07/15/24 10:15	1
1,2,4-Trichlorobenzene	ND		10	ug/L			07/15/24 10:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			07/15/24 10:15	1
1,2-Dibromoethane	ND		1.0	ug/L			07/15/24 10:15	1
1,2-Dichlorobenzene	ND		10	ug/L			07/15/24 10:15	1
1,2-Dichloroethane	ND		2.0	ug/L			07/15/24 10:15	1
1,2-Dichloropropane	ND		2.0	ug/L			07/15/24 10:15	1
1,3-Dichlorobenzene	ND		10	ug/L			07/15/24 10:15	1
1,3-Dichloropropane	ND		2.0	ug/L			07/15/24 10:15	1
1,4-Dichlorobenzene	ND		10	ug/L			07/15/24 10:15	1
2,2-Dichloropropane	ND		2.0	ug/L			07/15/24 10:15	1
2-Butanone	ND		100	ug/L			07/15/24 10:15	1
2-Hexanone	ND		50	ug/L			07/15/24 10:15	1
4-Methyl-2-pentanone	ND		50	ug/L			07/15/24 10:15	1
Acetone	ND		100	ug/L			07/15/24 10:15	1
Acetonitrile	ND		200	ug/L			07/15/24 10:15	1
Acrolein	ND		50	ug/L			07/15/24 10:15	1
Acrylonitrile	ND		50	ug/L			07/15/24 10:15	1
Allyl chloride	ND		100	ug/L			07/15/24 10:15	1
Benzene	ND		2.0	ug/L			07/15/24 10:15	1
Bromochloromethane	ND		10	ug/L			07/15/24 10:15	1
Bromodichloromethane	ND		10	ug/L			07/15/24 10:15	1
Bromoform	ND		10	ug/L			07/15/24 10:15	1
Bromomethane	ND		10	ug/L			07/15/24 10:15	1
Carbon disulfide	ND		5.0	ug/L			07/15/24 10:15	1
Carbon tetrachloride	ND		2.0	ug/L			07/15/24 10:15	1
Chlorobenzene	ND		10	ug/L			07/15/24 10:15	1
Chloroethane	ND		2.0	ug/L			07/15/24 10:15	1
Chloroform	ND		2.0	ug/L			07/15/24 10:15	1
Chloromethane	ND		10	ug/L			07/15/24 10:15	1
Chloroprene	ND		20	ug/L			07/15/24 10:15	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			07/15/24 10:15	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			07/15/24 10:15	1
Dibromochloromethane	ND		10	ug/L			07/15/24 10:15	1
Dibromomethane	ND		10	ug/L			07/15/24 10:15	1
Dichlorodifluoromethane	ND		10	ug/L			07/15/24 10:15	1
Ethylbenzene	ND		2.0	ug/L			07/15/24 10:15	1
Iodomethane	ND		100	ug/L			07/15/24 10:15	1
Isobutyl alcohol	ND		200	ug/L			07/15/24 10:15	1
Methacrylonitrile	ND		100	ug/L			07/15/24 10:15	1
Methyl methacrylate	ND		10	ug/L			07/15/24 10:15	1
Methylene Chloride	ND		5.0	ug/L			07/15/24 10:15	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: Trip Blank

Lab Sample ID: 705-1080-6

Date Collected: 07/08/24 00:00

Matrix: Water

Date Received: 07/08/24 16:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	ug/L			07/15/24 10:15	1
Propionitrile	ND		75	ug/L			07/15/24 10:15	1
Styrene	ND		10	ug/L			07/15/24 10:15	1
Tetrachloroethene	ND		2.0	ug/L			07/15/24 10:15	1
Toluene	ND		2.0	ug/L			07/15/24 10:15	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			07/15/24 10:15	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			07/15/24 10:15	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			07/15/24 10:15	1
Trichloroethene	ND		2.0	ug/L			07/15/24 10:15	1
Trichlorofluoromethane	ND		10	ug/L			07/15/24 10:15	1
Vinyl acetate	ND		100	ug/L			07/15/24 10:15	1
Vinyl chloride	ND		2.0	ug/L			07/15/24 10:15	1
Xylenes, Total	ND		5.0	ug/L			07/15/24 10:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	112		77 - 121		07/15/24 10:15	1
Dibromofluoromethane (Surr)	103		77 - 121		07/15/24 10:15	1
Toluene-d8 (Surr)	108		79 - 119		07/15/24 10:15	1
Toluene-d8 (Surr)	100		79 - 119		07/15/24 10:15	1

Surrogate Summary

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DBFM (77-121)	DBFM (77-121)	TOL (79-119)	TOL (79-119)
705-573-D-3 MS	Matrix Spike	110	110	106	106
705-573-D-3 MSD	Matrix Spike Duplicate	107	107	106	106
705-1080-1	GWC-11	104	104	100	100
705-1080-6	Trip Blank	112	112	108	108
705-1755-B-1 DU	Duplicate	113	113	112	112
705-1755-B-5 MS	Matrix Spike	102	102	102	102
705-1755-B-9 MS	Matrix Spike	110	110	108	108
LCS 705-2834/2	Lab Control Sample	109	109	108	108
LCS 705-3481/2	Lab Control Sample	108	108	108	108
LCS 705-3486/2	Lab Control Sample	102	102	103	103
MB 705-2834/3	Method Blank	111	111	109	109
MB 705-3481/3	Method Blank	109	109	108	108
MB 705-3486/4	Method Blank	101	101	99	99
MRL 705-3486/3	Lab Control Sample	102	102	100	100

Surrogate Legend
 DBFM = Dibromofluoromethane (Surr)
 TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-126)	DBFM (77-121)	TOL (79-119)
705-1080-2	GWC-6	97	106	101
705-1080-2 MS	GWC-6	100	103	102
705-1080-3	GWC-9	99	104	101
705-1080-4	UD-13	97	100	99
705-1080-5	SWC-9	99	103	99
705-1080-5 DU	SWC-9	96	102	99
LCS 705-2825/2	Lab Control Sample	103	103	101
MB 705-2825/4	Method Blank	93	103	100
MRL 705-2825/3	Lab Control Sample	100	102	101

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

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: MB 705-2825/4
Matrix: Water
Analysis Batch: 2825

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 10:26	1
1,1,1-Trichloroethane	ND		2.0	ug/L			07/09/24 10:26	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			07/09/24 10:26	1
1,1,2-Trichloroethane	ND		2.0	ug/L			07/09/24 10:26	1
1,1-Dichloroethane	ND		2.0	ug/L			07/09/24 10:26	1
1,1-Dichloroethene	ND		2.0	ug/L			07/09/24 10:26	1
1,2,3-Trichloropropane	ND		10	ug/L			07/09/24 10:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			07/09/24 10:26	1
1,2-Dibromoethane	ND		1.0	ug/L			07/09/24 10:26	1
1,2-Dichlorobenzene	ND		10	ug/L			07/09/24 10:26	1
1,2-Dichloroethane	ND		2.0	ug/L			07/09/24 10:26	1
1,2-Dichloropropane	ND		2.0	ug/L			07/09/24 10:26	1
1,4-Dichlorobenzene	ND		10	ug/L			07/09/24 10:26	1
2-Butanone	ND		100	ug/L			07/09/24 10:26	1
2-Hexanone	ND		50	ug/L			07/09/24 10:26	1
4-Methyl-2-pentanone	ND		50	ug/L			07/09/24 10:26	1
Acetone	ND		100	ug/L			07/09/24 10:26	1
Acrylonitrile	ND		50	ug/L			07/09/24 10:26	1
Benzene	ND		2.0	ug/L			07/09/24 10:26	1
Bromochloromethane	ND		10	ug/L			07/09/24 10:26	1
Bromodichloromethane	ND		10	ug/L			07/09/24 10:26	1
Bromoform	ND		10	ug/L			07/09/24 10:26	1
Bromomethane	ND		10	ug/L			07/09/24 10:26	1
Carbon disulfide	ND		5.0	ug/L			07/09/24 10:26	1
Carbon tetrachloride	ND		2.0	ug/L			07/09/24 10:26	1
Chlorobenzene	ND		10	ug/L			07/09/24 10:26	1
Chloroethane	ND		2.0	ug/L			07/09/24 10:26	1
Chloroform	ND		2.0	ug/L			07/09/24 10:26	1
Chloromethane	ND		10	ug/L			07/09/24 10:26	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 10:26	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 10:26	1
Dibromochloromethane	ND		10	ug/L			07/09/24 10:26	1
Dibromomethane	ND		10	ug/L			07/09/24 10:26	1
Ethylbenzene	ND		2.0	ug/L			07/09/24 10:26	1
Iodomethane	ND		100	ug/L			07/09/24 10:26	1
Methylene Chloride	ND		5.0	ug/L			07/09/24 10:26	1
Styrene	ND		10	ug/L			07/09/24 10:26	1
Tetrachloroethene	ND		2.0	ug/L			07/09/24 10:26	1
Toluene	ND		2.0	ug/L			07/09/24 10:26	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			07/09/24 10:26	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			07/09/24 10:26	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			07/09/24 10:26	1
Trichloroethene	ND		2.0	ug/L			07/09/24 10:26	1
Trichlorofluoromethane	ND		10	ug/L			07/09/24 10:26	1
Vinyl acetate	ND		100	ug/L			07/09/24 10:26	1
Vinyl chloride	ND		2.0	ug/L			07/09/24 10:26	1
Xylenes, Total	ND		5.0	ug/L			07/09/24 10:26	1

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: MB 705-2825/4
Matrix: Water
Analysis Batch: 2825

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>MB MB Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene	93		70 - 126		07/09/24 10:26	1
Dibromofluoromethane (Surr)	103		77 - 121		07/09/24 10:26	1
Toluene-d8 (Surr)	100		79 - 119		07/09/24 10:26	1

Lab Sample ID: LCS 705-2825/2
Matrix: Water
Analysis Batch: 2825

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

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>
1,1,1,2-Tetrachloroethane	20.0	19.7		ug/L		99	76 - 130
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	71 - 124
1,1,2,2-Tetrachloroethane	20.0	20.0		ug/L		100	73 - 127
1,1,2-Trichloroethane	20.0	20.5		ug/L		102	69 - 127
1,1-Dichloroethane	20.0	20.7		ug/L		104	65 - 126
1,1-Dichloroethene	20.0	23.4		ug/L		117	69 - 130
1,2,3-Trichloropropane	20.0	20.5		ug/L		102	70 - 127
1,2-Dibromo-3-Chloropropane	20.0	22.3		ug/L		112	64 - 125
1,2-Dibromoethane	20.0	19.9		ug/L		99	68 - 133
1,2-Dichlorobenzene	20.0	20.3		ug/L		101	69 - 127
1,2-Dichloroethane	20.0	21.1		ug/L		106	72 - 127
1,2-Dichloropropane	20.0	20.6		ug/L		103	71 - 121
1,4-Dichlorobenzene	20.0	20.5		ug/L		102	68 - 126
2-Butanone	40.0	42.0	J	ug/L		105	74 - 131
2-Hexanone	40.0	40.1	J	ug/L		100	70 - 130
4-Methyl-2-pentanone	40.0	40.1	J	ug/L		100	76 - 122
Acetone	40.0	45.3	J	ug/L		113	62 - 136
Acrylonitrile	20.0	23.3	J	ug/L		116	62 - 141
Benzene	20.0	21.3		ug/L		106	76 - 122
Bromochloromethane	20.0	20.2		ug/L		101	76 - 120
Bromodichloromethane	20.0	19.7		ug/L		98	70 - 124
Bromoform	20.0	21.0		ug/L		105	65 - 129
Bromomethane	20.0	20.6		ug/L		103	60 - 138
Carbon disulfide	40.0	42.2		ug/L		105	71 - 122
Carbon tetrachloride	20.0	20.8		ug/L		104	72 - 133
Chlorobenzene	20.0	19.7		ug/L		98	75 - 121
Chloroethane	20.0	21.7		ug/L		109	55 - 138
Chloroform	20.0	20.0		ug/L		100	72 - 121
Chloromethane	20.0	19.4		ug/L		97	57 - 129
cis-1,2-Dichloroethene	20.0	21.4		ug/L		107	76 - 121
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	70 - 129
Dibromochloromethane	20.0	19.2		ug/L		96	70 - 131
Dibromomethane	20.0	19.8		ug/L		99	70 - 131
Ethylbenzene	20.0	20.8		ug/L		104	75 - 127
Iodomethane	40.0	40.9	J	ug/L		102	50 - 150
Methylene Chloride	20.0	19.7		ug/L		98	68 - 131
Styrene	20.0	20.7		ug/L		104	71 - 129
Tetrachloroethene	20.0	20.3		ug/L		102	74 - 129
Toluene	20.0	20.7		ug/L		103	74 - 124

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: LCS 705-2825/2
Matrix: Water
Analysis Batch: 2825

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	20.0	21.4		ug/L		107	74 - 124
trans-1,3-Dichloropropene	20.0	21.0		ug/L		105	59 - 135
trans-1,4-Dichloro-2-butene	40.0	40.4	J	ug/L		101	50 - 150
Trichloroethene	20.0	21.3		ug/L		107	72 - 129
Trichlorofluoromethane	20.0	21.3		ug/L		107	63 - 142
Vinyl acetate	40.0	44.1	J	ug/L		110	50 - 150
Vinyl chloride	20.0	20.3		ug/L		102	65 - 132
Xylenes, Total	60.0	63.2		ug/L		105	75 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	103		70 - 126
Dibromofluoromethane (Surr)	103		77 - 121
Toluene-d8 (Surr)	101		79 - 119

Lab Sample ID: MRL 705-2825/3
Matrix: Water
Analysis Batch: 2825

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	5.00	5.29		ug/L		106	
1,1,1-Trichloroethane	5.00	5.46		ug/L		109	
1,1,1,2-Tetrachloroethane	5.00	5.02		ug/L		100	
1,1,1-Trichloroethane	5.00	4.96	J	ug/L		99	
1,1-Dichloroethane	5.00	5.46		ug/L		109	
1,1-Dichloroethene	5.00	5.37		ug/L		107	
1,2,3-Trichloropropane	5.00	4.97	J	ug/L		99	
1,2-Dibromo-3-Chloropropane	5.00	5.07		ug/L		101	
1,2-Dibromoethane	5.00	5.01		ug/L		100	
1,2-Dichlorobenzene	5.00	5.09		ug/L		102	
1,2-Dichloroethane	5.00	5.47		ug/L		109	
1,2-Dichloropropane	5.00	5.06		ug/L		101	
1,4-Dichlorobenzene	5.00	5.30		ug/L		106	
2-Butanone	10.0	11.4	J	ug/L		114	
2-Hexanone	10.0	8.78	J	ug/L		88	
4-Methyl-2-pentanone	10.0	9.78	J	ug/L		98	
Acetone	10.0	11.7	J	ug/L		117	
Acrylonitrile	5.00	5.25		ug/L		105	
Benzene	5.00	5.18		ug/L		104	
Bromochloromethane	5.00	5.48		ug/L		110	
Bromodichloromethane	5.00	5.13		ug/L		103	
Bromoform	5.00	5.04		ug/L		101	
Bromomethane	5.00	5.56		ug/L		111	
Carbon disulfide	10.0	10.2		ug/L		102	
Carbon tetrachloride	5.00	5.13		ug/L		103	
Chlorobenzene	5.00	5.19		ug/L		104	
Chloroethane	5.00	5.97	J	ug/L		119	
Chloroform	5.00	5.16		ug/L		103	
Chloromethane	5.00	5.31	J	ug/L		106	

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: MRL 705-2825/3
Matrix: Water
Analysis Batch: 2825

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	5.00	5.73		ug/L		115	
cis-1,3-Dichloropropene	5.00	4.81	J	ug/L		96	
Dibromochloromethane	5.00	4.78	J	ug/L		96	
Dibromomethane	5.00	5.24		ug/L		105	
Ethylbenzene	5.00	5.07		ug/L		101	
Iodomethane	10.0	10.5		ug/L		105	
Methylene Chloride	5.00	5.01		ug/L		100	
Styrene	5.00	5.09		ug/L		102	
Tetrachloroethene	5.00	4.93	J	ug/L		99	
Toluene	5.00	5.23		ug/L		105	
trans-1,2-Dichloroethene	5.00	5.24		ug/L		105	
trans-1,3-Dichloropropene	5.00	5.30		ug/L		106	
trans-1,4-Dichloro-2-butene	10.0	10.5		ug/L		105	
Trichloroethene	5.00	5.32		ug/L		106	
Trichlorofluoromethane	5.00	5.68		ug/L		114	
Vinyl acetate	10.0	10.1		ug/L		101	
Vinyl chloride	5.00	5.84		ug/L		117	
Xylenes, Total	15.0	14.9		ug/L		99	

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene	100		70 - 126
Dibromofluoromethane (Surr)	102		77 - 121
Toluene-d8 (Surr)	101		79 - 119

Lab Sample ID: 705-1080-2 MS
Matrix: Water
Analysis Batch: 2825

Client Sample ID: GWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		20.0	20.6		ug/L		103	69 - 133
1,1,1-Trichloroethane	ND		20.0	22.5		ug/L		112	69 - 135
1,1,2,2-Tetrachloroethane	ND		20.0	21.2		ug/L		106	68 - 132
1,1,2-Trichloroethane	ND		20.0	21.4		ug/L		107	71 - 133
1,1-Dichloroethane	ND		20.0	21.9		ug/L		109	70 - 133
1,1-Dichloroethene	ND		20.0	23.8		ug/L		119	69 - 139
1,2,3-Trichloropropane	ND		20.0	17.9		ug/L		90	66 - 132
1,2-Dibromo-3-Chloropropane	ND		20.0	21.3		ug/L		106	62 - 127
1,2-Dibromoethane	ND		20.0	20.9		ug/L		104	76 - 129
1,2-Dichlorobenzene	ND		20.0	21.4		ug/L		107	76 - 125
1,2-Dichloroethane	ND		20.0	21.3		ug/L		106	70 - 133
1,2-Dichloropropane	ND		20.0	21.5		ug/L		108	69 - 132
1,4-Dichlorobenzene	ND		20.0	21.5		ug/L		107	76 - 124
2-Butanone	ND		40.0	ND		ug/L		62	50 - 150
2-Hexanone	ND		40.0	ND		ug/L		103	50 - 150
4-Methyl-2-pentanone	ND		40.0	ND		ug/L		105	50 - 150
Acetone	ND		40.0	ND		ug/L		100	50 - 150
Acrylonitrile	ND		20.0	ND		ug/L		110	50 - 150
Benzene	ND		20.0	22.3		ug/L		112	71 - 133

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: 705-1080-2 MS
Matrix: Water
Analysis Batch: 2825

Client Sample ID: GWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	ND		20.0	21.1		ug/L		105	70 - 133
Bromodichloromethane	ND		20.0	21.1		ug/L		105	68 - 133
Bromoform	ND		20.0	18.7		ug/L		94	58 - 130
Bromomethane	ND		20.0	22.4		ug/L		112	50 - 150
Carbon disulfide	ND		40.0	43.1		ug/L		108	50 - 150
Carbon tetrachloride	ND		20.0	23.2		ug/L		116	70 - 139
Chlorobenzene	ND		20.0	21.5		ug/L		107	78 - 128
Chloroethane	ND		20.0	22.4		ug/L		112	50 - 150
Chloroform	ND		20.0	21.9		ug/L		110	68 - 132
Chloromethane	ND		20.0	22.0		ug/L		110	50 - 150
cis-1,2-Dichloroethene	ND		20.0	21.2		ug/L		106	72 - 133
cis-1,3-Dichloropropene	ND		20.0	19.6		ug/L		98	70 - 128
Dibromochloromethane	ND		20.0	19.8		ug/L		99	68 - 130
Dibromomethane	ND		20.0	21.9		ug/L		109	72 - 130
Ethylbenzene	ND		20.0	22.6		ug/L		113	75 - 131
Iodomethane	ND		40.0	ND		ug/L		111	50 - 150
Methylene Chloride	ND		20.0	20.1		ug/L		101	66 - 132
Styrene	ND		20.0	21.9		ug/L		109	73 - 133
Tetrachloroethene	ND		20.0	22.8		ug/L		114	74 - 135
Toluene	ND		20.0	22.2		ug/L		111	72 - 134
trans-1,2-Dichloroethene	ND		20.0	22.7		ug/L		113	71 - 132
trans-1,3-Dichloropropene	ND		20.0	20.9		ug/L		105	60 - 125
trans-1,4-Dichloro-2-butene	ND		40.0	ND		ug/L		70	50 - 150
Trichloroethene	ND		20.0	21.6		ug/L		108	77 - 136
Trichlorofluoromethane	ND		20.0	23.9		ug/L		119	69 - 133
Vinyl acetate	ND		40.0	ND		ug/L		103	50 - 150
Vinyl chloride	ND		20.0	24.3		ug/L		121	66 - 138
Xylenes, Total	ND		60.0	66.6		ug/L		111	74 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	100		70 - 126
Dibromofluoromethane (Surr)	103		77 - 121
Toluene-d8 (Surr)	102		79 - 119

Lab Sample ID: 705-1080-5 DU
Matrix: Water
Analysis Batch: 2825

Client Sample ID: SWC-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		ND		ug/L			NC
1,1,1-Trichloroethane	ND		ND		ug/L			NC
1,1,1,2,2-Tetrachloroethane	ND		ND		ug/L			NC
1,1,2-Trichloroethane	ND		ND		ug/L			NC
1,1-Dichloroethane	ND		ND		ug/L			NC
1,1-Dichloroethene	ND		ND		ug/L			NC
1,2,3-Trichloropropane	ND		ND		ug/L			NC
1,2-Dibromo-3-Chloropropane	ND		ND		ug/L			NC
1,2-Dibromoethane	ND		ND		ug/L			NC

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: 705-1080-5 DU
Matrix: Water
Analysis Batch: 2825

Client Sample ID: SWC-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,2-Dichlorobenzene	ND		ND		ug/L		NC	
1,2-Dichloroethane	ND		ND		ug/L		NC	
1,2-Dichloropropane	ND		ND		ug/L		NC	
1,4-Dichlorobenzene	ND		ND		ug/L		NC	
2-Butanone	ND		ND		ug/L		NC	
2-Hexanone	ND		ND		ug/L		NC	
4-Methyl-2-pentanone	ND		ND		ug/L		NC	
Acetone	ND		ND		ug/L		NC	
Acrylonitrile	ND		ND		ug/L		NC	
Benzene	ND		ND		ug/L		NC	
Bromochloromethane	ND		ND		ug/L		NC	
Bromodichloromethane	ND		ND		ug/L		NC	
Bromoform	ND		ND		ug/L		NC	
Bromomethane	ND		ND		ug/L		NC	
Carbon disulfide	ND		ND		ug/L		NC	
Carbon tetrachloride	ND		ND		ug/L		NC	
Chlorobenzene	ND		ND		ug/L		NC	
Chloroethane	ND		ND		ug/L		NC	
Chloroform	ND		ND		ug/L		NC	
Chloromethane	ND		ND		ug/L		NC	
cis-1,2-Dichloroethene	ND		ND		ug/L		NC	
cis-1,3-Dichloropropene	ND		ND		ug/L		NC	
Dibromochloromethane	ND		ND		ug/L		NC	
Dibromomethane	ND		ND		ug/L		NC	
Ethylbenzene	ND		ND		ug/L		NC	
Iodomethane	ND		ND		ug/L		NC	
Methylene Chloride	ND		ND		ug/L		NC	
Styrene	ND		ND		ug/L		NC	
Tetrachloroethene	ND		ND		ug/L		NC	
Toluene	ND		ND		ug/L		NC	
trans-1,2-Dichloroethene	ND		ND		ug/L		NC	
trans-1,3-Dichloropropene	ND		ND		ug/L		NC	
trans-1,4-Dichloro-2-butene	ND		ND		ug/L		NC	
Trichloroethene	ND		ND		ug/L		NC	
Trichlorofluoromethane	ND		ND		ug/L		NC	
Vinyl acetate	ND		ND		ug/L		NC	
Vinyl chloride	ND		ND		ug/L		NC	
Xylenes, Total	ND		ND		ug/L		NC	

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	96		70 - 126
Dibromofluoromethane (Surr)	102		77 - 121
Toluene-d8 (Surr)	99		79 - 119

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: MB 705-2834/3
Matrix: Water
Analysis Batch: 2834

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

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Acetonitrile	ND		200	ug/L			07/09/24 10:26	1
Allyl chloride	ND		100	ug/L			07/09/24 10:26	1
Chloroprene	ND		20	ug/L			07/09/24 10:26	1
Isobutyl alcohol	ND		200	ug/L			07/09/24 10:26	1
Methacrylonitrile	ND		100	ug/L			07/09/24 10:26	1
Methyl methacrylate	ND		10	ug/L			07/09/24 10:26	1
Propionitrile	ND		75	ug/L			07/09/24 10:26	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Dibromofluoromethane (Surr)	111		77 - 121		07/09/24 10:26	1
Toluene-d8 (Surr)	109		79 - 119		07/09/24 10:26	1

Lab Sample ID: LCS 705-2834/2
Matrix: Water
Analysis Batch: 2834

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Acetonitrile	200	207		ug/L		104	50 - 150
Allyl chloride	20.0	19.8	J	ug/L		99	50 - 150
Chloroprene	50.0	54.5		ug/L		109	50 - 150
Isobutyl alcohol	400	500		ug/L		125	50 - 150
Methacrylonitrile	200	202		ug/L		101	50 - 150
Methyl methacrylate	20.0	20.5		ug/L		102	50 - 150
Propionitrile	200	209		ug/L		105	50 - 150

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Dibromofluoromethane (Surr)	109		77 - 121
Toluene-d8 (Surr)	108		79 - 119

Lab Sample ID: 705-573-D-3 MS
Matrix: Water
Analysis Batch: 2834

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				
Acetonitrile	ND		1000	1050		ug/L		105	50 - 150
Allyl chloride	ND		100	ND		ug/L		114	50 - 150
Chloroprene	ND		250	341		ug/L		136	50 - 150
Isobutyl alcohol	ND		2000	2230		ug/L		112	50 - 150
Methacrylonitrile	ND		1000	1090		ug/L		109	50 - 150
Methyl methacrylate	ND		100	105		ug/L		105	50 - 150
Propionitrile	ND		1000	1060		ug/L		106	50 - 150

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Dibromofluoromethane (Surr)	110		77 - 121
Toluene-d8 (Surr)	106		79 - 119

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: 705-573-D-3 MSD
Matrix: Water
Analysis Batch: 2834

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

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Acetonitrile	ND		1000	1100		ug/L		110	50 - 150	5	50
Allyl chloride	ND		100	ND		ug/L		111	50 - 150	3	50
Chloroprene	ND		250	324		ug/L		130	50 - 150	5	50
Isobutyl alcohol	ND		2000	2270		ug/L		114	50 - 150	2	50
Methacrylonitrile	ND		1000	1100		ug/L		110	50 - 150	1	50
Methyl methacrylate	ND		100	106		ug/L		106	50 - 150	1	50
Propionitrile	ND		1000	1070		ug/L		107	50 - 150	1	50
MSD MSD											
Surrogate	%Recovery		Qualifier	Limits							
Dibromofluoromethane (Surr)	107			77 - 121							
Toluene-d8 (Surr)	106			79 - 119							

Lab Sample ID: MB 705-3481/3
Matrix: Water
Analysis Batch: 3481

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

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Acetonitrile	ND		200	ug/L			07/15/24 08:57	1
Allyl chloride	ND		100	ug/L			07/15/24 08:57	1
Chloroprene	ND		20	ug/L			07/15/24 08:57	1
Isobutyl alcohol	ND		200	ug/L			07/15/24 08:57	1
Methacrylonitrile	ND		100	ug/L			07/15/24 08:57	1
Methyl methacrylate	ND		10	ug/L			07/15/24 08:57	1
Propionitrile	ND		75	ug/L			07/15/24 08:57	1
MB MB								
Surrogate	%Recovery		Qualifier	Limits		Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	109			77 - 121			07/15/24 08:57	1
Toluene-d8 (Surr)	108			79 - 119			07/15/24 08:57	1

Lab Sample ID: LCS 705-3481/2
Matrix: Water
Analysis Batch: 3481

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
		Added	Result				Qualifier
Acetonitrile	200	209		ug/L		104	50 - 150
Allyl chloride	20.0	22.6	J	ug/L		113	50 - 150
Chloroprene	50.0	56.7		ug/L		113	50 - 150
Isobutyl alcohol	400	421		ug/L		105	50 - 150
Methacrylonitrile	200	188		ug/L		94	50 - 150
Methyl methacrylate	20.0	20.0		ug/L		100	50 - 150
Propionitrile	200	183		ug/L		91	50 - 150
LCS LCS							
Surrogate	%Recovery		Qualifier	Limits			
Dibromofluoromethane (Surr)	108			77 - 121			
Toluene-d8 (Surr)	108			79 - 119			

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: 705-1755-B-9 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 3481

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
Acetonitrile	ND		200	206		ug/L		103	50 - 150
Allyl chloride	ND		20.0	ND		ug/L		130	50 - 150
Chloroprene	ND		50.0	65.7		ug/L		131	50 - 150
Isobutyl alcohol	ND		400	390		ug/L		98	50 - 150
Methacrylonitrile	ND		200	184		ug/L		92	50 - 150
Methyl methacrylate	ND		20.0	18.6		ug/L		93	50 - 150
Propionitrile	ND		200	170		ug/L		85	50 - 150
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
<i>Dibromofluoromethane (Surr)</i>	110		77 - 121						
<i>Toluene-d8 (Surr)</i>	108		79 - 119						

Lab Sample ID: 705-1755-B-1 DU

Client Sample ID: Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 3481

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Acetonitrile	ND		ND		ug/L		NC	30
Allyl chloride	ND		ND		ug/L		NC	30
Chloroprene	ND		ND		ug/L		NC	30
Isobutyl alcohol	ND		ND		ug/L		NC	30
Methacrylonitrile	ND		ND		ug/L		NC	30
Methyl methacrylate	ND		ND		ug/L		NC	30
Propionitrile	ND		ND		ug/L		NC	30
DU DU								
Surrogate	%Recovery	Qualifier	Limits					
<i>Dibromofluoromethane (Surr)</i>	113		77 - 121					
<i>Toluene-d8 (Surr)</i>	112		79 - 119					

Lab Sample ID: MB 705-3486/4

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 3486

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			07/15/24 08:57	1
1,1,1-Trichloroethane	ND		2.0	ug/L			07/15/24 08:57	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			07/15/24 08:57	1
1,1,2-Trichloroethane	ND		2.0	ug/L			07/15/24 08:57	1
1,1-Dichloroethane	ND		2.0	ug/L			07/15/24 08:57	1
1,1-Dichloroethene	ND		2.0	ug/L			07/15/24 08:57	1
1,1-Dichloropropene	ND		2.0	ug/L			07/15/24 08:57	1
1,2,3-Trichloropropane	ND		2.0	ug/L			07/15/24 08:57	1
1,2,4-Trichlorobenzene	ND		10	ug/L			07/15/24 08:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			07/15/24 08:57	1
1,2-Dibromoethane	ND		1.0	ug/L			07/15/24 08:57	1
1,2-Dichlorobenzene	ND		10	ug/L			07/15/24 08:57	1
1,2-Dichloroethane	ND		2.0	ug/L			07/15/24 08:57	1
1,2-Dichloropropane	ND		2.0	ug/L			07/15/24 08:57	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: MB 705-3486/4
Matrix: Water
Analysis Batch: 3486

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		10	ug/L			07/15/24 08:57	1
1,3-Dichloropropane	ND		2.0	ug/L			07/15/24 08:57	1
1,4-Dichlorobenzene	ND		10	ug/L			07/15/24 08:57	1
2,2-Dichloropropane	ND		2.0	ug/L			07/15/24 08:57	1
2-Butanone	ND		100	ug/L			07/15/24 08:57	1
2-Hexanone	ND		50	ug/L			07/15/24 08:57	1
4-Methyl-2-pentanone	ND		50	ug/L			07/15/24 08:57	1
Acetone	ND		100	ug/L			07/15/24 08:57	1
Acrolein	ND		50	ug/L			07/15/24 08:57	1
Acrylonitrile	ND		50	ug/L			07/15/24 08:57	1
Benzene	ND		2.0	ug/L			07/15/24 08:57	1
Bromochloromethane	ND		10	ug/L			07/15/24 08:57	1
Bromodichloromethane	ND		10	ug/L			07/15/24 08:57	1
Bromoform	ND		10	ug/L			07/15/24 08:57	1
Bromomethane	ND		10	ug/L			07/15/24 08:57	1
Carbon disulfide	ND		5.0	ug/L			07/15/24 08:57	1
Carbon tetrachloride	ND		2.0	ug/L			07/15/24 08:57	1
Chlorobenzene	ND		10	ug/L			07/15/24 08:57	1
Chloroethane	ND		2.0	ug/L			07/15/24 08:57	1
Chloroform	ND		2.0	ug/L			07/15/24 08:57	1
Chloromethane	ND		10	ug/L			07/15/24 08:57	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			07/15/24 08:57	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			07/15/24 08:57	1
Dibromochloromethane	ND		10	ug/L			07/15/24 08:57	1
Dibromomethane	ND		10	ug/L			07/15/24 08:57	1
Dichlorodifluoromethane	ND		10	ug/L			07/15/24 08:57	1
Ethylbenzene	ND		2.0	ug/L			07/15/24 08:57	1
Iodomethane	ND		100	ug/L			07/15/24 08:57	1
Methylene Chloride	ND		5.0	ug/L			07/15/24 08:57	1
Naphthalene	ND		10	ug/L			07/15/24 08:57	1
Styrene	ND		10	ug/L			07/15/24 08:57	1
Tetrachloroethene	ND		2.0	ug/L			07/15/24 08:57	1
Toluene	ND		2.0	ug/L			07/15/24 08:57	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			07/15/24 08:57	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			07/15/24 08:57	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			07/15/24 08:57	1
Trichloroethene	ND		2.0	ug/L			07/15/24 08:57	1
Trichlorofluoromethane	ND		10	ug/L			07/15/24 08:57	1
Vinyl acetate	ND		100	ug/L			07/15/24 08:57	1
Vinyl chloride	ND		2.0	ug/L			07/15/24 08:57	1
Xylenes, Total	ND		5.0	ug/L			07/15/24 08:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		77 - 121		07/15/24 08:57	1
Toluene-d8 (Surr)	99		79 - 119		07/15/24 08:57	1

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: LCS 705-3486/2

Matrix: Water

Analysis Batch: 3486

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	19.3		ug/L		96	76 - 130
1,1,1-Trichloroethane	20.0	20.6		ug/L		103	71 - 124
1,1,2,2-Tetrachloroethane	20.0	19.2		ug/L		96	73 - 127
1,1,2-Trichloroethane	20.0	20.1		ug/L		100	69 - 127
1,1-Dichloroethane	20.0	20.2		ug/L		101	65 - 126
1,1-Dichloroethene	20.0	22.1		ug/L		110	69 - 130
1,1-Dichloropropene	20.0	21.9		ug/L		110	74 - 129
1,2,3-Trichloropropane	20.0	15.5		ug/L		77	70 - 127
1,2,4-Trichlorobenzene	20.0	19.5		ug/L		97	65 - 131
1,2-Dibromo-3-Chloropropane	20.0	19.3		ug/L		96	64 - 125
1,2-Dibromoethane	20.0	20.4		ug/L		102	68 - 133
1,2-Dichlorobenzene	20.0	19.6		ug/L		98	69 - 127
1,2-Dichloroethane	20.0	22.1		ug/L		111	72 - 127
1,2-Dichloropropane	20.0	21.1		ug/L		105	71 - 121
1,3-Dichlorobenzene	20.0	19.2		ug/L		96	68 - 128
1,3-Dichloropropane	20.0	19.5		ug/L		98	76 - 125
1,4-Dichlorobenzene	20.0	18.9		ug/L		94	68 - 126
2,2-Dichloropropane	20.0	20.6		ug/L		103	71 - 131
2-Butanone	40.0	33.7	J	ug/L		84	74 - 131
2-Hexanone	40.0	34.1	J	ug/L		85	70 - 130
4-Methyl-2-pentanone	40.0	37.2	J	ug/L		93	76 - 122
Acetone	40.0	35.6	J	ug/L		89	62 - 136
Acrolein	20.0	12.8	J	ug/L		64	55 - 140
Acrylonitrile	20.0	18.5	J	ug/L		93	62 - 141
Benzene	20.0	21.4		ug/L		107	76 - 122
Bromochloromethane	20.0	20.9		ug/L		104	77 - 120
Bromodichloromethane	20.0	20.7		ug/L		104	70 - 124
Bromoform	20.0	21.2		ug/L		106	65 - 129
Bromomethane	20.0	20.4		ug/L		102	60 - 138
Carbon disulfide	40.0	39.3		ug/L		98	71 - 122
Carbon tetrachloride	20.0	21.9		ug/L		110	72 - 131
Chlorobenzene	20.0	19.9		ug/L		100	75 - 121
Chloroethane	20.0	20.5		ug/L		102	55 - 138
Chloroform	20.0	20.4		ug/L		102	73 - 121
Chloromethane	20.0	19.1		ug/L		96	57 - 129
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	76 - 121
cis-1,3-Dichloropropene	20.0	20.3		ug/L		102	70 - 129
Dibromochloromethane	20.0	18.8		ug/L		94	70 - 131
Dibromomethane	20.0	19.9		ug/L		100	70 - 130
Dichlorodifluoromethane	20.0	27.3		ug/L		136	40 - 160
Ethylbenzene	20.0	20.5		ug/L		102	75 - 127
Iodomethane	40.0	38.6	J	ug/L		96	50 - 150
Methylene Chloride	20.0	19.2		ug/L		96	68 - 131
Naphthalene	20.0	18.6		ug/L		93	67 - 129
Styrene	20.0	20.7		ug/L		104	71 - 129
Tetrachloroethene	20.0	21.1		ug/L		105	74 - 129
Toluene	20.0	21.3		ug/L		107	74 - 124
trans-1,2-Dichloroethene	20.0	22.0		ug/L		110	74 - 124

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: LCS 705-3486/2
Matrix: Water
Analysis Batch: 3486

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	20.0	21.8		ug/L		109	59 - 135
trans-1,4-Dichloro-2-butene	40.0	24.4	J	ug/L		61	50 - 150
Trichloroethene	20.0	21.7		ug/L		109	72 - 129
Trichlorofluoromethane	20.0	20.5		ug/L		103	63 - 142
Vinyl acetate	40.0	39.9	J	ug/L		100	50 - 150
Vinyl chloride	20.0	20.1		ug/L		101	65 - 132
Xylenes, Total	60.0	62.3		ug/L		104	75 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	102		77 - 121
Toluene-d8 (Surr)	103		79 - 119

Lab Sample ID: MRL 705-3486/3
Matrix: Water
Analysis Batch: 3486

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	2.00	5.71		ug/L		286	
1,1,1-Trichloroethane	2.00	6.31		ug/L		316	
1,1,1,2-Tetrachloroethane	2.00	5.59		ug/L		280	
1,1,2-Trichloroethane	2.00	5.28		ug/L		264	
1,1-Dichloroethane	2.00	5.89		ug/L		295	
1,1-Dichloroethene	2.00	6.72		ug/L		336	
1,1-Dichloropropene	2.00	5.83		ug/L		292	
1,2,3-Trichloropropane	2.00	16.6		ug/L		830	
1,2,4-Trichlorobenzene	2.00	5.17		ug/L		259	
1,2-Dibromo-3-Chloropropane	2.00	5.93		ug/L		297	
1,2-Dibromoethane	2.00	5.36		ug/L		268	
1,2-Dichlorobenzene	2.00	5.28		ug/L		264	
1,2-Dichloroethane	2.00	5.72		ug/L		286	
1,2-Dichloropropane	2.00	5.93		ug/L		297	
1,3-Dichlorobenzene	2.00	5.76		ug/L		288	
1,3-Dichloropropane	2.00	4.98		ug/L		249	
1,4-Dichlorobenzene	2.00	5.51		ug/L		276	
2,2-Dichloropropane	2.00	6.35		ug/L		318	
2-Butanone	4.00	ND		ug/L		0	
2-Hexanone	4.00	9.31	J	ug/L		233	
4-Methyl-2-pentanone	4.00	9.57	J	ug/L		239	
Acetone	4.00	10.3		ug/L		258	
Acrolein	5.00	3.73	J	ug/L		75	
Acrylonitrile	5.00	5.49		ug/L		110	
Benzene	2.00	5.72		ug/L		286	
Bromochloromethane	2.00	5.25		ug/L		263	
Bromodichloromethane	2.00	5.49		ug/L		275	
Bromoform	2.00	5.31		ug/L		266	
Bromomethane	2.00	2.78		ug/L		139	
Carbon disulfide	4.00	11.0		ug/L		276	
Carbon tetrachloride	2.00	6.18		ug/L		309	

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: MRL 705-3486/3
Matrix: Water
Analysis Batch: 3486

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	2.00	5.67		ug/L		284	
Chloroethane	2.00	2.57		ug/L		129	
Chloroform	2.00	5.80		ug/L		290	
Chloromethane	2.00	2.13		ug/L		107	
cis-1,2-Dichloroethene	2.00	6.16		ug/L		308	
cis-1,3-Dichloropropene	2.00	5.16		ug/L		258	
Dibromochloromethane	2.00	5.40		ug/L		270	
Dibromomethane	2.00	5.19		ug/L		260	
Dichlorodifluoromethane	2.00	3.40		ug/L		170	
Ethylbenzene	2.00	5.55		ug/L		278	
Iodomethane	4.00	11.0		ug/L		275	
Methylene Chloride	2.00	5.88		ug/L		294	
Naphthalene	2.00	4.66		ug/L		233	
Styrene	2.00	5.43		ug/L		272	
Tetrachloroethene	2.00	5.61		ug/L		281	
Toluene	2.00	6.11		ug/L		306	
trans-1,2-Dichloroethene	2.00	5.96		ug/L		298	
trans-1,3-Dichloropropene	2.00	5.89		ug/L		295	
trans-1,4-Dichloro-2-butene	4.00	8.26	J	ug/L		207	
Trichloroethene	2.00	5.48		ug/L		274	
Trichlorofluoromethane	2.00	2.53		ug/L		127	
Vinyl acetate	4.00	10.4		ug/L		259	
Vinyl chloride	2.00	2.36		ug/L		118	
Xylenes, Total	6.00	21.7		ug/L		362	

Surrogate	MRL %Recovery	MRL Qualifier	Limits
Dibromofluoromethane (Surr)	102		77 - 121
Toluene-d8 (Surr)	100		79 - 119

Lab Sample ID: 705-1755-B-5 MS
Matrix: Water
Analysis Batch: 3486

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		20.0	21.2		ug/L		106	69 - 133
1,1,1-Trichloroethane	ND		20.0	23.9		ug/L		120	69 - 135
1,1,2,2-Tetrachloroethane	ND		20.0	19.1		ug/L		96	68 - 132
1,1,2-Trichloroethane	ND		20.0	20.8		ug/L		104	71 - 133
1,1-Dichloroethane	ND		20.0	23.4		ug/L		117	70 - 133
1,1-Dichloroethene	ND		20.0	24.5		ug/L		122	69 - 139
1,1-Dichloropropene	ND		20.0	25.5		ug/L		128	77 - 138
1,2,3-Trichloropropane	ND		20.0	15.6		ug/L		78	66 - 132
1,2,4-Trichlorobenzene	ND		20.0	20.8		ug/L		104	61 - 135
1,2-Dibromo-3-Chloropropane	ND		20.0	18.1		ug/L		91	63 - 127
1,2-Dibromoethane	ND		20.0	20.1		ug/L		100	76 - 129
1,2-Dichlorobenzene	ND		20.0	20.5		ug/L		103	76 - 125
1,2-Dichloroethane	ND		20.0	22.6		ug/L		113	71 - 133
1,2-Dichloropropane	ND		20.0	21.8		ug/L		109	69 - 132

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: 705-1755-B-5 MS
Matrix: Water
Analysis Batch: 3486

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

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
1,3-Dichlorobenzene	ND		20.0	21.1		ug/L		105	76 - 126
1,3-Dichloropropane	ND		20.0	20.2		ug/L		101	72 - 131
1,4-Dichlorobenzene	ND		20.0	20.9		ug/L		104	76 - 124
2,2-Dichloropropane	ND		20.0	24.0		ug/L		120	63 - 138
2-Butanone	ND		40.0	ND		ug/L		84	50 - 150
2-Hexanone	ND		40.0	ND		ug/L		84	50 - 150
4-Methyl-2-pentanone	ND		40.0	ND		ug/L		84	50 - 150
Acetone	ND		40.0	ND		ug/L		90	50 - 150
Acrolein	ND		20.0	ND		ug/L		51	50 - 150
Acrylonitrile	ND		20.0	ND		ug/L		101	50 - 150
Benzene	ND		20.0	23.6		ug/L		118	71 - 133
Bromochloromethane	ND		20.0	22.7		ug/L		113	70 - 133
Bromodichloromethane	ND		20.0	21.1		ug/L		106	68 - 133
Bromoform	ND		20.0	18.2		ug/L		91	59 - 130
Bromomethane	ND		20.0	23.4		ug/L		117	50 - 150
Carbon disulfide	ND		40.0	43.8		ug/L		110	50 - 150
Carbon tetrachloride	ND		20.0	24.1		ug/L		121	70 - 139
Chlorobenzene	ND		20.0	20.8		ug/L		104	78 - 128
Chloroethane	ND		20.0	22.6		ug/L		113	50 - 150
Chloroform	ND		20.0	23.1		ug/L		116	70 - 132
Chloromethane	ND		20.0	23.3		ug/L		116	50 - 150
cis-1,2-Dichloroethene	ND		20.0	23.3		ug/L		117	72 - 133
cis-1,3-Dichloropropene	ND		20.0	20.0		ug/L		100	70 - 128
Dibromochloromethane	ND		20.0	19.3		ug/L		97	69 - 130
Dibromomethane	ND		20.0	20.6		ug/L		103	72 - 130
Dichlorodifluoromethane	ND	F1	20.0	32.6	F1	ug/L		163	50 - 150
Ethylbenzene	ND		20.0	22.4		ug/L		112	75 - 131
Iodomethane	ND		40.0	ND		ug/L		108	50 - 150
Methylene Chloride	ND		20.0	20.9		ug/L		104	66 - 132
Naphthalene	ND		20.0	18.3		ug/L		91	63 - 134
Styrene	ND		20.0	21.6		ug/L		108	73 - 133
Tetrachloroethene	ND		20.0	22.6		ug/L		113	74 - 135
Toluene	ND		20.0	22.9		ug/L		115	72 - 134
trans-1,2-Dichloroethene	ND		20.0	24.1		ug/L		120	71 - 132
trans-1,3-Dichloropropene	ND		20.0	20.4		ug/L		102	60 - 125
trans-1,4-Dichloro-2-butene	ND		40.0	ND		ug/L		58	50 - 150
Trichloroethene	ND		20.0	22.6		ug/L		113	77 - 136
Trichlorofluoromethane	ND		20.0	25.6		ug/L		128	69 - 133
Vinyl acetate	ND		40.0	ND		ug/L		96	50 - 150
Vinyl chloride	ND		20.0	26.0		ug/L		130	66 - 138
Xylenes, Total	ND		60.0	64.8		ug/L		108	74 - 131
		MS		MS					
Surrogate		%Recovery	Qualifier		Limits				
Dibromofluoromethane (Surr)		102			77 - 121				
Toluene-d8 (Surr)		102			79 - 119				

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: 705-1755-B-1 DU
Matrix: Water
Analysis Batch: 3486

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				
1,1,1,2-Tetrachloroethane	ND		ND		ug/L		NC	30
1,1,1-Trichloroethane	ND		ND		ug/L		NC	30
1,1,2,2-Tetrachloroethane	ND		ND		ug/L		NC	30
1,1,2-Trichloroethane	ND		ND		ug/L		NC	30
1,1-Dichloroethane	ND		ND		ug/L		NC	30
1,1-Dichloroethene	ND		ND		ug/L		NC	30
1,1-Dichloropropene	ND		ND		ug/L		NC	30
1,2,3-Trichloropropane	ND		ND		ug/L		NC	30
1,2,4-Trichlorobenzene	ND		ND		ug/L		NC	30
1,2-Dibromo-3-Chloropropane	ND		ND		ug/L		NC	30
1,2-Dibromoethane	ND		ND		ug/L		NC	30
1,2-Dichlorobenzene	ND		ND		ug/L		NC	30
1,2-Dichloroethane	ND		ND		ug/L		NC	30
1,2-Dichloropropane	ND		ND		ug/L		NC	30
1,3-Dichlorobenzene	ND		ND		ug/L		NC	30
1,3-Dichloropropane	ND		ND		ug/L		NC	30
1,4-Dichlorobenzene	ND		ND		ug/L		NC	30
2,2-Dichloropropane	ND		ND		ug/L		NC	30
2-Butanone	ND		ND		ug/L		NC	30
2-Hexanone	ND		ND		ug/L		NC	30
4-Methyl-2-pentanone	ND		ND		ug/L		NC	30
Acetone	ND		ND		ug/L		NC	30
Acrolein	ND		ND		ug/L		NC	30
Acrylonitrile	ND		ND		ug/L		NC	30
Benzene	ND		ND		ug/L		NC	30
Bromochloromethane	ND		ND		ug/L		NC	30
Bromodichloromethane	ND		ND		ug/L		NC	30
Bromoform	ND		ND		ug/L		NC	30
Bromomethane	ND		ND		ug/L		NC	30
Carbon disulfide	ND		ND		ug/L		NC	30
Carbon tetrachloride	ND		ND		ug/L		NC	30
Chlorobenzene	ND		ND		ug/L		NC	30
Chloroethane	ND		ND		ug/L		NC	30
Chloroform	ND		ND		ug/L		NC	30
Chloromethane	ND		ND		ug/L		NC	30
cis-1,2-Dichloroethene	ND		ND		ug/L		NC	30
cis-1,3-Dichloropropene	ND		ND		ug/L		NC	30
Dibromochloromethane	ND		ND		ug/L		NC	30
Dibromomethane	ND		ND		ug/L		NC	30
Dichlorodifluoromethane	ND		ND		ug/L		NC	30
Ethylbenzene	ND		ND		ug/L		NC	30
Iodomethane	ND		ND		ug/L		NC	30
Methylene Chloride	ND		ND		ug/L		NC	30
Naphthalene	ND		ND		ug/L		NC	30
Styrene	ND		ND		ug/L		NC	30
Tetrachloroethene	ND		ND		ug/L		NC	30
Toluene	ND		ND		ug/L		NC	30
trans-1,2-Dichloroethene	ND		ND		ug/L		NC	30

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: 705-1755-B-1 DU
Matrix: Water
Analysis Batch: 3486

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
trans-1,3-Dichloropropene	ND		ND		ug/L		NC	30
trans-1,4-Dichloro-2-butene	ND		ND		ug/L		NC	30
Trichloroethene	ND		ND		ug/L		NC	30
Trichlorofluoromethane	ND		ND		ug/L		NC	30
Vinyl acetate	ND		ND		ug/L		NC	30
Vinyl chloride	ND		ND		ug/L		NC	30
Xylenes, Total	ND		ND		ug/L		NC	30

Surrogate	%Recovery	DU Qualifier	DU Limits
Dibromofluoromethane (Surr)	105		77 - 121
Toluene-d8 (Surr)	103		79 - 119

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-2982/2
Matrix: Water
Analysis Batch: 2982

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	mg/L			07/10/24 22:22	1

Lab Sample ID: LCS 705-2982/1
Matrix: Water
Analysis Batch: 2982

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.80		mg/L		98	90 - 110

Lab Sample ID: 705-1205-A-1 MS
Matrix: Water
Analysis Batch: 2982

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
Chloride	ND		10.0	10.3		mg/L		103	90 - 110

Lab Sample ID: 705-1205-A-1 MSD
Matrix: Water
Analysis Batch: 2982

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
Chloride	ND		10.0	9.91		mg/L		99	90 - 110	3	20

Lab Sample ID: 705-1205-A-2 MS
Matrix: Water
Analysis Batch: 2982

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
Chloride	ND	F1	10.0	7.76	F1	mg/L		78	90 - 110

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-2612/1-A
Matrix: Water
Analysis Batch: 3398

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 2612

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		07/09/24 07:50	07/10/24 18:13	1
Arsenic	ND		0.010	mg/L		07/09/24 07:50	07/10/24 18:13	1
Barium	ND		0.020	mg/L		07/09/24 07:50	07/10/24 18:13	1
Beryllium	ND		0.0030	mg/L		07/09/24 07:50	07/10/24 18:13	1
Cadmium	ND		0.0050	mg/L		07/09/24 07:50	07/10/24 18:13	1
Chromium	ND		0.010	mg/L		07/09/24 07:50	07/10/24 18:13	1
Cobalt	ND		0.040	mg/L		07/09/24 07:50	07/10/24 18:13	1
Copper	ND		0.020	mg/L		07/09/24 07:50	07/10/24 18:13	1
Lead	ND		0.015	mg/L		07/09/24 07:50	07/10/24 18:13	1
Nickel	ND		0.020	mg/L		07/09/24 07:50	07/10/24 18:13	1
Selenium	ND		0.010	mg/L		07/09/24 07:50	07/10/24 18:13	1
Silver	ND		0.010	mg/L		07/09/24 07:50	07/10/24 18:13	1
Thallium	ND		0.0020	mg/L		07/09/24 07:50	07/10/24 18:13	1
Tin	ND		0.040	mg/L		07/09/24 07:50	07/10/24 18:13	1
Vanadium	ND		0.020	mg/L		07/09/24 07:50	07/10/24 18:13	1
Zinc	ND		0.020	mg/L		07/09/24 07:50	07/10/24 18:13	1

Lab Sample ID: LCS 705-2612/2-A
Matrix: Water
Analysis Batch: 3398

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 2612

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0951		mg/L		95	80 - 120
Arsenic	0.100	0.0951		mg/L		95	80 - 120
Barium	0.100	0.0987		mg/L		99	80 - 120
Beryllium	0.100	0.0939		mg/L		94	80 - 120
Cadmium	0.100	0.0985		mg/L		98	80 - 120
Chromium	0.100	0.0930		mg/L		93	80 - 120
Cobalt	0.100	0.0959		mg/L		96	80 - 120
Copper	0.100	0.108		mg/L		108	80 - 120
Lead	0.100	0.0989		mg/L		99	80 - 120
Nickel	0.100	0.0984		mg/L		98	80 - 120
Selenium	0.100	0.0946		mg/L		95	80 - 120
Silver	0.0100	0.0103		mg/L		103	80 - 120
Thallium	0.100	0.0998		mg/L		100	80 - 120
Tin	0.100	0.0967		mg/L		97	80 - 120
Vanadium	0.100	0.0917		mg/L		92	80 - 120
Zinc	0.100	0.0975		mg/L		97	80 - 120

Lab Sample ID: 705-1045-B-4-B MS
Matrix: Water
Analysis Batch: 3398

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 2612

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		0.100	0.0934		mg/L		93	75 - 125
Arsenic	ND		0.100	0.0948		mg/L		95	75 - 125
Barium	ND		0.100	0.0973		mg/L		97	75 - 125
Beryllium	ND		0.100	0.0968		mg/L		97	75 - 125
Cadmium	ND		0.100	0.0988		mg/L		99	75 - 125

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-1045-B-4-B MS
Matrix: Water
Analysis Batch: 3398

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 2612

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	ND		0.100	0.0941		mg/L		94	75 - 125
Cobalt	ND		0.100	0.0953		mg/L		95	75 - 125
Copper	ND		0.100	0.106		mg/L		106	75 - 125
Lead	ND		0.100	0.0972		mg/L		97	75 - 125
Nickel	ND		0.100	0.0973		mg/L		97	75 - 125
Selenium	ND		0.100	0.101		mg/L		101	75 - 125
Silver	ND		0.0100	0.0105		mg/L		105	75 - 125
Thallium	ND		0.100	0.0971		mg/L		97	75 - 125
Tin	ND		0.100	0.0949		mg/L		95	75 - 125
Vanadium	ND		0.100	0.0905		mg/L		90	75 - 125
Zinc	ND		0.100	0.0974		mg/L		97	75 - 125

Lab Sample ID: 705-1045-B-4-C MSD
Matrix: Water
Analysis Batch: 3398

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 2612

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		0.100	0.0961		mg/L		96	75 - 125	3	20
Arsenic	ND		0.100	0.0970		mg/L		97	75 - 125	2	20
Barium	ND		0.100	0.0987		mg/L		99	75 - 125	1	20
Beryllium	ND		0.100	0.0944		mg/L		94	75 - 125	3	20
Cadmium	ND		0.100	0.0994		mg/L		99	75 - 125	1	20
Chromium	ND		0.100	0.0945		mg/L		95	75 - 125	0	20
Cobalt	ND		0.100	0.0974		mg/L		97	75 - 125	2	20
Copper	ND		0.100	0.108		mg/L		108	75 - 125	2	20
Lead	ND		0.100	0.101		mg/L		101	75 - 125	3	20
Nickel	ND		0.100	0.0993		mg/L		99	75 - 125	2	20
Selenium	ND		0.100	0.0962		mg/L		96	75 - 125	4	20
Silver	ND		0.0100	0.0105		mg/L		105	75 - 125	0	20
Thallium	ND		0.100	0.100		mg/L		100	75 - 125	3	20
Tin	ND		0.100	0.0974		mg/L		97	75 - 125	3	20
Vanadium	ND		0.100	0.0919		mg/L		92	75 - 125	2	20
Zinc	ND		0.100	0.100		mg/L		100	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-3028/1-A
Matrix: Water
Analysis Batch: 3182

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3028

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		07/11/24 13:29	07/11/24 19:13	1

Lab Sample ID: LCS 705-3028/2-A
Matrix: Water
Analysis Batch: 3182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00411		mg/L		103	80 - 120

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

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

Lab Sample ID: 705-1045-B-1-C MS
Matrix: Water
Analysis Batch: 3182

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3028

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00400	0.00420		mg/L		105	75 - 125

Lab Sample ID: 705-1045-B-1-D MSD
Matrix: Water
Analysis Batch: 3182

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3028

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00400	0.00411		mg/L		103	75 - 125	2	20

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-2796/1
Matrix: Water
Analysis Batch: 2796

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	mg/L			07/10/24 09:53	1

Lab Sample ID: LCSSRM 705-2796/2
Matrix: Water
Analysis Batch: 2796

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

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	969	952		mg/L		98.2	77.5 - 123.8

Lab Sample ID: 705-1126-A-1 DU
Matrix: Water
Analysis Batch: 2796

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2400		2330		mg/L		0.8	10

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
 Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: GWC-11
Date Collected: 07/08/24 12:42
Date Received: 07/08/24 16:26

Lab Sample ID: 705-1080-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	2825	AV	EET ATL	07/09/24 14:28
Total/NA	Analysis	8260D		1	2834	AV	EET ATL	07/09/24 14:28
Total Recoverable	Prep	3005A			2612	BR	EET ATL	07/09/24 07:50
Total Recoverable	Analysis	6020B		1	3398	AD	EET ATL	07/10/24 19:40
Total/NA	Prep	7470A			3028	TA	EET ATL	07/11/24 13:29
Total/NA	Analysis	7470A		1	3182	TA	EET ATL	07/11/24 19:59

Client Sample ID: GWC-6
Date Collected: 07/08/24 10:30
Date Received: 07/08/24 16:26

Lab Sample ID: 705-1080-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	2825	AV	EET ATL	07/09/24 14:04
Total Recoverable	Prep	3005A			2612	BR	EET ATL	07/09/24 07:50
Total Recoverable	Analysis	6020B		1	3398	AD	EET ATL	07/10/24 19:43

Client Sample ID: GWC-9
Date Collected: 07/08/24 11:27
Date Received: 07/08/24 16:26

Lab Sample ID: 705-1080-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	2825	AV	EET ATL	07/09/24 13:41
Total Recoverable	Prep	3005A			2612	BR	EET ATL	07/09/24 07:50
Total Recoverable	Analysis	6020B		1	3398	AD	EET ATL	07/10/24 19:45

Client Sample ID: UD-13
Date Collected: 07/08/24 13:21
Date Received: 07/08/24 16:26

Lab Sample ID: 705-1080-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	2825	AV	EET ATL	07/09/24 10:49
Total/NA	Analysis	300.0		1	2982	MS	EET ATL	07/11/24 01:37
Total/NA	Analysis	2540C - 2015		1	2796	NN	EET ATL	07/10/24 09:53

Client Sample ID: SWC-9
Date Collected: 07/08/24 14:08
Date Received: 07/08/24 16:26

Lab Sample ID: 705-1080-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	2825	AV	EET ATL	07/09/24 11:37
Total/NA	Analysis	300.0		1	2982	MS	EET ATL	07/11/24 01:48
Total/NA	Analysis	2540C - 2015		1	2796	NN	EET ATL	07/10/24 09:53

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Client Sample ID: Trip Blank

Lab Sample ID: 705-1080-6

Date Collected: 07/08/24 00:00

Matrix: Water

Date Received: 07/08/24 16:26

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Analyst</u>	<u>Lab</u>	<u>Prepared or Analyzed</u>
Total/NA	Analysis	8260D		1	3481	AV	EET ATL	07/15/24 10:15
Total/NA	Analysis	8260D		1	3486	AV	EET ATL	07/15/24 10:15

Laboratory References:

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



Accreditation/Certification Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County - Eagle Point Landfill

Job ID: 705-1080-1

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

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

- 1
- 2
- 3
- 4
- 5
- 6
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- 8
- 9
- 10
- 11
- 12
- 13

Login Sample Receipt Checklist

Client: Atlantic Coast Consulting, Inc.

Job Number: 705-1080-1

Login Number: 1080

List Number: 1

Creator: Bellinger, Zacqaria

List Source: Eurofins Atlanta

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



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END OF REPORT