



ATLANTIC COAST
CONSULTING, INC.

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

April 2, 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 – First 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 first 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 January 8, 2024. ACC's field representative, Environmental Scientist Hunter Auld, was present to observe sampling activities on January 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, 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 **Attachment 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 peristaltic pumps. Groundwater parameters (pH, specific conductance, and temperature) were allowed to stabilize prior to sampling. A turbidity reading equal

to or less than 10 nephelometric turbidity units (NTU) was 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 pumps.
- 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 Analytical Environmental Services, Inc. (AES) 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. All three wells were purged with a recorded flow rate between the Environmental Protection Agency (EPA) recommended 0.1 to 0.5 liters per minute (EPA¹, 1996). As summarized in **Table 1**, groundwater samples collected for metals analysis were all collected at turbidity readings of 10 or less 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**). Surface water metals were collected at low sample turbidities of 14 NTU at surface water point SWC-9 and 7 NTU at underdrain sample point SWC-5 (see **Table 2** and **3**).

QUALITY ASSURANCE SAMPLE LABORATORY RESULTS

The QA split groundwater samples were submitted to AES 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. AES 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 location SWC-9 was sampled and analyzed for Appendix I VOCs, chloride, and total dissolved solids (TDS) by GFL Environmental. However, the older surface water parameter list was analyzed for

¹U.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.

the split sample with only chloride being split (new parameter list not provided before sampling event). The surface water split sample results and field water quality readings are summarized in **Table 2**. Underdrain location SWC-5 was sampled and analyzed for Appendix I. 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 no detections of appendix I VOCs and only Appendix I arsenic and barium in the underdrain sample SWC-5. However, Appendix I metals are no longer required for analysis.

Groundwater monitoring wells GWC-6, GWC-9 and GWC-11 were sampled and analyzed for Appendix I parameters. 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.

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 GWC-12R during the next event. If this limited assessment list is accepted and approved by Georgia Environmental Protection Division then the QC sample set should be adjusted to match the list.

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, AES, met quality control standards and 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.

ACC recommends QA split laboratory analysis for approximately ten percent of the total samples (three groundwater, one underdrain, and one surface water) during the July 2024 sampling event.

Sincerely,

ATLANTIC COAST CONSULTING, INC.



Charles B. Adams, P.G.
Project Manager

Encl.

TABLES

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

Well ID	pH (S.U.)	Specific Conductance (μS/cm)	Temperature ($^{\circ}$C)	Turbidity (NTU)
GWC-6	5.33	82	14.9	1
GWC-9	4.64	708	16.2	1
GWC-11	4.92	423	16.0	5

Notes: Groundwater samples collected January 8, 2024.

Acronyms: $^{\circ}$ C = Degrees Celsius
 μ S/cm = microSiemens/centimeter
NTU = Nephelometric Turbidity Units
S.U. = Standard Units

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

Location	Chloride (mg/L)	TOC (mg/L)
SWC-9	2.00	2.58

Location	pH (S.U.)	Specific Conductance (μ S/cm)	Temperature ($^{\circ}$ C)	Turbidity (NTU)
SWC-9	6.45	32	6.9	14

Notes: Surface water sampled January 8, 2024.

Acronyms: mg/L = milligrams per liter

S.U. = Standard Units

μ S/cm = microSiemens/centimeter

$^{\circ}$ C = Degrees Celsius

NTU = Nephelometric Turbidity

TOC = total organic carbon

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

Location	Arsenic (mg/L)	Barium (mg/L)
SWC-5	0.0369	0.0415

Location	pH (S.U.)	Specific Conductance (µS/cm)	Temperature (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
SWC-5	5.91	192	19.7	7	NM

Notes: Underdrain sampled January 8, 2023.

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

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

Well ID	Analysis	Sample Method
GWC-6	Appendix I	Peristaltic
GWC-9	Appendix I	Peristaltic
GWC-11	Appendix I	dedicated bladder pump

Location ID	Analysis	Sample Method
SWC-9	Total Metals (Hg, Se), Dissolved Metals (As, Ba, Cd, Cr, Pb, Ni, Ag, Zn), Chloride, Chemical Oxygen Demand (COD), Cyanide, Total Organic Carbon (TOC)	Grab
SWC-5	Appendix I	Grab

Notes: Samples collected January 8, 2024.

Appendix I/II = 40 Code of Federal Regulations 258

Acronyms: COD = Chemical Oxygen Demand

TOC = Total Organic Carbon

ATTACHMENTS



ATTACHMENT A
Field Sampling Logs





Job Name: Eagle Point Landfill

Job No. Well No. GWC-6

Sampled By: D. Cantu

Sampling Date 1-8-24 Sheet No. 1 of 1

Begin Purging 1038 / 1-8-24
Date / Time

Completed Purging 1105 / 1-8-24
Date / Time

Water Level 27.56 Ft BTOC

Well Depth: 37.54 Ft BTOC Well Dia. 2 In.

Standing Water Column (H) 9.98 Ft.

Casing Type PVC Screen Length 10 Ft.

Standing Well Volume 1.60 Gal.

Purging Device Peristaltic Pump

Purge Volume Removed 1.08 Gal.

Tubing Type Teflon

Time	Water Level (BTOC)	Field Parameters						Remarks ml/min
		pH (s.u.)	Spec. Cond. (µS/cm)	DO (mg/L)	eH/ORP (mV)	Temp. (°C)	Turbidity (NTU)	
1045	27.62	5.29	90	1.88	228	14.2	3	150
1049	27.64	5.34	86	1.44	236	15.1	2	↓
1053	27.64	5.32	84	1.33	264	14.9	2	
1057	27.64	5.38	84	1.06	304	15.3	1	
1101	27.64	5.36	84	1.11	347	15.3	1	
1105	27.64	5.33	82	1.18	410	14.9	1	

Final Sample Parameters

1105	27.64	5.33	82	1.18	410	14.9	1	
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Sample Appearance clear Odor? none Color none

Comments Sampled by D. Cantu CH₄ = 0.0%

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: Eagle Point Landfill

Job No. Well No. GWC-9

Sampled By: D. Carter

Sampling Date 1-8-24 Sheet No. 1 of 1

Begin Purging 1-8-24 / 1145
Date / Time

Completed Purging 1-8-24 / 1204
Date / Time

Water Level 19.91 Ft BTOC

Well Depth: 2435 Ft BTOC Well Dia. 2 In.

Standing Water Column (H) 4.44 Ft.

Casing Type PVC Screen Length 10 Ft.

Standing Well Volume 0.71 Gal.

Purging Device Peristaltic Pump

Purge Volume Removed 0.76 Gal.

Tubing Type Teflon

Time	Water Level (BTOC)	Field Parameters						Remarks
		pH (s.u.)	Spec. Cond. (µS/cm)	DO (mg/L)	eH/ORP (mV)	Temp. (°C)	Turbidity (NTU)	
1152	20.6	4.66	711	0.64	375	16.5	1	
1156	20.8	4.65	705	0.57	372	16.0	1	
1200	20.97	4.63	708	0.48	368	16.4	1	
1204	21.1	4.64	708	0.42	366	16.2	1	

Final Sample Parameters

1204	21.1	4.64	708	0.42	366	16.2	1	
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Sample Appearance clear Odor? none Color none

Comments CH₄ = 0.0 %

Notes: H = well depth (BOTC) - 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: Eagle Point Landfill

Job No. - Well No. GWC-11

Sampled By: D. Canty

Sampling Date 1-8-24 Sheet No. 1 of 1

Begin Purging 1-8-24 / 1238
Date / Time

Completed Purging 1-8-24 / 1306
Date / Time

Water Level 34.54 Ft BTOC

Well Depth: 41.17 Ft BTOC Well Dia. 2 In.

Standing Water Column (H) 6.63 Ft.

Casing Type PVC Screen Length 10 Ft.

Standing Well Volume 1.06 Gal.

Purging Device Bladder Pump (Dedicated)

Purge Volume Removed 1.47 Gal.

Tubing Type Teflon

Time	Water Level (BTOC)	Field Parameters						Remarks ml/min
		pH (s.u.)	Spec. Cond. (µS/cm)	DO (mg/L)	eH/ORP (mV)	Temp. (°C)	Turbidity (NTU)	
1246	NA	5.09	425	3.82	340	15.3	4	NA 200
1250	*	5.04	425	3.00	343	15.7	5	200
1254	↓	4.93	425	2.23	346	16.1	3	↓
1258	↓	4.94	424	2.04	345	15.8	2	
1302		4.91	424	1.88	345	16.1	3	
1306		4.92	423	1.93	345	16.0	5	

Final Sample Parameters

1306	NA	4.92	423	1.93	345	16.0	5	
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Sample Appearance clear Odor? yes Color none

Comments * Water Level below top of pump *

CH4 = 0.0 % Final WL = 35.18 BTOC

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 ID:

Job Name: Eagle Point Landfill
 Sampled By: D. Cantu, H. Aluid
 Begin Purging — / —
 Date / Time
 Water Level — Ft BTOC
 Standing Water Column (H) — Ft.
 Standing Well Volume — Gal.
 Purge Volume Removed — Gal.

Job No. — Well No. SWC-5
 Sampling Date — Sheet No. — of —
 Completed Purging 1-8-24 / 1337
 Date / Time
 Well Depth: C Ft BTOC Well Dia. — In.
 Casing Type PVC Screen Length 10 Ft.
 Purging Device —
 Tubing Type Teflon

Time	Water Level (BTOC)	Field Parameters						Remarks
		pH (s.u.)	Spec. Cond. (µS/cm)	DO (mg/L)	eH/ORP (mV)	Temp. (°C)	Turbidity (NTU)	
1337	—	5.91	192	—	—	19.7	7	

Final Sample Parameters

1-8-24	1337	5.91	192	—	—	19.7	7	
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Sample Appearance clear Odor? yes Color none

Comments ALL Readings:

pH = 5.83 Conductivity = 280 DO = 3.7 ORP = 54 Temp = 18.2 NTU = 29.4

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: Eagle Point Landfill

Job No. — ^{Surface Water:} Well No. SWC-9

Sampled By: H. Auld / D. Canty

Sampling Date _____ Sheet No. ___ of ___

Begin Purging _____
Date / Time

Completed Purging 1-8-24 / 1412
Date / Time

Water Level _____ Ft BTOC

Well Depth: _____ Ft BTOC Well Dia. _____ In.

Standing Water Column (H) _____ Ft.

Casing Type PVC Screen Length 10 Ft.

Standing Well Volume _____ Gal.

Purging Device _____

Purge Volume Removed _____ Gal.

Tubing Type Teflon

Time	Water Level (BTOC)	Field Parameters						Remarks
		pH (s.u.)	Spec. Cond. (µS/cm)	DO (mg/L)	eH/ORP (mV)	Temp. (°C)	Turbidity (NTU)	

Final Sample Parameters

1412	1-8-24	6.45	32	—	—	6.9	14	
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Sample Appearance clear Odor? none Color none

Comments ORP and DO not recorded

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)

ATTACHMENT B
Laboratory Report



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 15, 2024

Charles Adams
Atlantic Coast Consulting, Inc.

1150 Northmeadow Pkwy
Roswell GA 30076

RE: Forsyth County - Eagle Point Landfill

Dear Charles Adams:

Order No: 2401791

Analytical Environmental Services, Inc. received 6 samples on January 8, 2024 3:37 pm for the analyses presented in following report.

“No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES’s accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/23-06/30/24. State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/24 and Total Coliforms/ E. coli, effective 04/25/23-04/24/24.

-AIHA LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/25.

These results relate only to the items tested as received. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar
Project Manager

COMPANY: Atlantic Coast Consulting, Inc.		ADDRESS: 1150 Northmeadow Pkwy Suite 100 Roswell, GA 30076		ANALYSIS REQUESTED										Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.		Number of Containers		
PHONE: 770-712-9785 or 770-594-5998		EMAIL: charles.adams@atlcc.net		Appendix I VOC	Appendix I Metals	Cyanide	Chloride	COD	TOC	Dissolved Metals *	Total Metals (Se, Hg)							
SAMPLED BY: <i>H. Auld, D. Cantre</i>		SIGNATURE: <i>[Signature]</i>		SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)	PRESERVATION (see codes)								REMARKS	
#	SAMPLE ID	DATE	TIME	H+I	N				NaOH	I	S+I	S+I	N	N				
1	GWC-6	1-8-24	1105	✓													3	
2	GWC-9	1-8-24	1204	✓													3	
3	GWC-11	1-8-24	1306	✓													3	
4	SWC-5	1-8-24	1337	✓													3	
5	SWC-9	1-8-24	1412	✓				✓	✓	✓	✓	✓	✓				6	
6	Trip Blank			✓													2	
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		

RELINQUISHED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		PROJECT INFORMATION				RECEIPT	
<i>[Signature]</i>		1-8-24/1537		<i>[Signature]</i>		11/8/24 1537		PROJECT NAME: Forsyth County - Eagle Point Landfill				Total # of Containers <u>18</u>	
1.				2.				PROJECT #: G020-117				Turnaround Time (TAT) Request	
2.				3.				SITE ADDRESS: 8880 Old Federal Road, Ballground, GA 30107				<input checked="" type="checkbox"/> Standard	
3.								SEND REPORT TO: Charles Adams, Betsy McDaniel, Taylor Goble				<input type="checkbox"/> 2 Business Day Rush	
SPECIAL INSTRUCTIONS/COMMENTS: * Dissolved Metals: As, Ba, Cd, Cr, Pb, Ni, Ag, Zn (field-filtered)		SHIPMENT METHOD		OUT: / /		VIA:		INVOICE TO (IF DIFFERENT FROM ABOVE): Charles Adams				<input type="checkbox"/> Next Business Day Rush	
		Client FedEx UPS US mail courier		IN: / /		VIA:		QUOTE #: _____ PO#: _____				<input type="checkbox"/> Same-Day Rush (auth req.)	
		other: _____										<input type="checkbox"/> Other _____	
												STATE PROGRAM (if any): _____	
												E-mail? <input type="checkbox"/> Fax? <input type="checkbox"/>	
												DATA PACKAGE: I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/>	

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: GWC-6
Project Name: Forsyth County - Eagle Point Landfill	Collection Date: 1/8/2024 11:05:00 AM
Lab ID: 2401791-001	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D			(SW5030B)					
1,1,1,2-Tetrachloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
1,1,1-Trichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
1,1,2-Trichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
1,1-Dichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
1,1-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
1,2,3-Trichloropropane	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	369562	1	01/09/2024 15:13	OM
1,2-Dibromoethane	BRL	1.0		ug/L	369562	1	01/09/2024 15:13	OM
1,2-Dichlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
1,2-Dichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
1,2-Dichloropropane	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
1,4-Dichlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
2-Butanone	BRL	100		ug/L	369562	1	01/09/2024 15:13	OM
2-Hexanone	BRL	50		ug/L	369562	1	01/09/2024 15:13	OM
4-Methyl-2-pentanone	BRL	50		ug/L	369562	1	01/09/2024 15:13	OM
Acetone	BRL	100		ug/L	369562	1	01/09/2024 15:13	OM
Acrylonitrile	BRL	50		ug/L	369562	1	01/09/2024 15:13	OM
Benzene	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
Bromochloromethane	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
Bromodichloromethane	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
Bromoform	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
Bromomethane	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
Carbon disulfide	BRL	5.0		ug/L	369562	1	01/09/2024 15:13	OM
Carbon tetrachloride	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
Chlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
Chloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
Chloroform	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
Chloromethane	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
Dibromochloromethane	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
Dibromomethane	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
Ethylbenzene	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
Iodomethane	BRL	100		ug/L	369562	1	01/09/2024 15:13	OM
Methylene chloride	BRL	5.0		ug/L	369562	1	01/09/2024 15:13	OM
Styrene	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
Tetrachloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
Toluene	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	369562	1	01/09/2024 15:13	OM
Trichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
Trichlorofluoromethane	BRL	10		ug/L	369562	1	01/09/2024 15:13	OM
Vinyl acetate	BRL	100		ug/L	369562	1	01/09/2024 15:13	OM

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: GWC-6
Project Name: Forsyth County - Eagle Point Landfill	Collection Date: 1/8/2024 11:05:00 AM
Lab ID: 2401791-001	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D					(SW5030B)			
Vinyl chloride	BRL	2.0		ug/L	369562	1	01/09/2024 15:13	OM
Xylenes, Total	BRL	5.0		ug/L	369562	1	01/09/2024 15:13	OM
Surr: 4-Bromofluorobenzene	102	70-126		%REC	369562	1	01/09/2024 15:13	OM
Surr: Dibromofluoromethane	100	77-121		%REC	369562	1	01/09/2024 15:13	OM
Surr: Toluene-d8	99.3	78.6-119		%REC	369562	1	01/09/2024 15:13	OM
APPENDIX I METALS SW6020B					(SW3005A)			
Antimony	BRL	0.00600		mg/L	369535	1	01/10/2024 16:45	AD
Arsenic	BRL	0.0100		mg/L	369535	1	01/10/2024 16:45	AD
Barium	0.0710	0.0200		mg/L	369535	1	01/10/2024 16:45	AD
Beryllium	BRL	0.00300		mg/L	369535	1	01/12/2024 04:58	IF
Cadmium	BRL	0.00500		mg/L	369535	1	01/10/2024 16:45	AD
Chromium	BRL	0.0100		mg/L	369535	1	01/10/2024 16:45	AD
Cobalt	BRL	0.0400		mg/L	369535	1	01/10/2024 16:45	AD
Copper	BRL	0.0200		mg/L	369535	1	01/10/2024 16:45	AD
Lead	BRL	0.0150		mg/L	369535	1	01/10/2024 16:45	AD
Nickel	BRL	0.0200		mg/L	369535	1	01/10/2024 16:45	AD
Selenium	BRL	0.0100		mg/L	369535	1	01/10/2024 16:45	AD
Silver	BRL	0.0100		mg/L	369535	1	01/10/2024 16:45	AD
Thallium	BRL	0.00200		mg/L	369535	1	01/10/2024 16:45	AD
Vanadium	BRL	0.0200		mg/L	369535	1	01/10/2024 16:45	AD
Zinc	BRL	0.0200		mg/L	369535	1	01/10/2024 16:45	AD

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.
Project Name: Forsyth County - Eagle Point Landfill
Lab ID: 2401791-002

Client Sample ID: GWC-9
Collection Date: 1/8/2024 12:04:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D			(SW5030B)					
1,1,1,2-Tetrachloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
1,1,1-Trichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
1,1,2-Trichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
1,1-Dichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
1,1-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
1,2,3-Trichloropropane	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	369562	1	01/09/2024 15:37	OM
1,2-Dibromoethane	BRL	1.0		ug/L	369562	1	01/09/2024 15:37	OM
1,2-Dichlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
1,2-Dichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
1,2-Dichloropropane	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
1,4-Dichlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
2-Butanone	BRL	100		ug/L	369562	1	01/09/2024 15:37	OM
2-Hexanone	BRL	50		ug/L	369562	1	01/09/2024 15:37	OM
4-Methyl-2-pentanone	BRL	50		ug/L	369562	1	01/09/2024 15:37	OM
Acetone	BRL	100		ug/L	369562	1	01/09/2024 15:37	OM
Acrylonitrile	BRL	50		ug/L	369562	1	01/09/2024 15:37	OM
Benzene	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
Bromochloromethane	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
Bromodichloromethane	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
Bromoform	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
Bromomethane	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
Carbon disulfide	BRL	5.0		ug/L	369562	1	01/09/2024 15:37	OM
Carbon tetrachloride	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
Chlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
Chloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
Chloroform	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
Chloromethane	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
Dibromochloromethane	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
Dibromomethane	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
Ethylbenzene	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
Iodomethane	BRL	100		ug/L	369562	1	01/09/2024 15:37	OM
Methylene chloride	BRL	5.0		ug/L	369562	1	01/09/2024 15:37	OM
Styrene	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
Tetrachloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
Toluene	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	369562	1	01/09/2024 15:37	OM
Trichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
Trichlorofluoromethane	BRL	10		ug/L	369562	1	01/09/2024 15:37	OM
Vinyl acetate	BRL	100		ug/L	369562	1	01/09/2024 15:37	OM

Qualifiers: * Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

F Analyzed in the lab which is a deviation from the method

< Less than Result value

J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: GWC-9
Project Name: Forsyth County - Eagle Point Landfill	Collection Date: 1/8/2024 12:04:00 PM
Lab ID: 2401791-002	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D					(SW5030B)			
Vinyl chloride	BRL	2.0		ug/L	369562	1	01/09/2024 15:37	OM
Xylenes, Total	BRL	5.0		ug/L	369562	1	01/09/2024 15:37	OM
Surr: 4-Bromofluorobenzene	95.8	70-126		%REC	369562	1	01/09/2024 15:37	OM
Surr: Dibromofluoromethane	93.8	77-121		%REC	369562	1	01/09/2024 15:37	OM
Surr: Toluene-d8	101	78.6-119		%REC	369562	1	01/09/2024 15:37	OM
APPENDIX I METALS SW6020B					(SW3005A)			
Antimony	BRL	0.00600		mg/L	369535	1	01/10/2024 16:57	AD
Arsenic	BRL	0.0100		mg/L	369535	1	01/10/2024 16:57	AD
Barium	0.112	0.0200		mg/L	369535	1	01/10/2024 16:57	AD
Beryllium	BRL	0.00300		mg/L	369535	1	01/12/2024 05:16	IF
Cadmium	BRL	0.00500		mg/L	369535	1	01/10/2024 16:57	AD
Chromium	BRL	0.0100		mg/L	369535	1	01/10/2024 16:57	AD
Cobalt	0.0469	0.0400		mg/L	369535	1	01/12/2024 05:16	IF
Copper	BRL	0.0200		mg/L	369535	1	01/10/2024 16:57	AD
Lead	BRL	0.0150		mg/L	369535	1	01/10/2024 16:57	AD
Nickel	BRL	0.0200		mg/L	369535	1	01/10/2024 16:57	AD
Selenium	BRL	0.0100		mg/L	369535	1	01/10/2024 16:57	AD
Silver	BRL	0.0100		mg/L	369535	1	01/10/2024 16:57	AD
Thallium	BRL	0.00200		mg/L	369535	1	01/10/2024 16:57	AD
Vanadium	BRL	0.0200		mg/L	369535	1	01/10/2024 16:57	AD
Zinc	0.0332	0.0200		mg/L	369535	1	01/12/2024 05:16	IF

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.
Project Name: Forsyth County - Eagle Point Landfill
Lab ID: 2401791-003

Client Sample ID: GWC-11
Collection Date: 1/8/2024 1:06:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D			(SW5030B)					
1,1,1,2-Tetrachloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
1,1,1-Trichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
1,1,2-Trichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
1,1-Dichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
1,1-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
1,2,3-Trichloropropane	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	369562	1	01/09/2024 16:01	OM
1,2-Dibromoethane	BRL	1.0		ug/L	369562	1	01/09/2024 16:01	OM
1,2-Dichlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
1,2-Dichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
1,2-Dichloropropane	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
1,4-Dichlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
2-Butanone	BRL	100		ug/L	369562	1	01/09/2024 16:01	OM
2-Hexanone	BRL	50		ug/L	369562	1	01/09/2024 16:01	OM
4-Methyl-2-pentanone	BRL	50		ug/L	369562	1	01/09/2024 16:01	OM
Acetone	BRL	100		ug/L	369562	1	01/09/2024 16:01	OM
Acrylonitrile	BRL	50		ug/L	369562	1	01/09/2024 16:01	OM
Benzene	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
Bromochloromethane	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
Bromodichloromethane	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
Bromoform	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
Bromomethane	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
Carbon disulfide	BRL	5.0		ug/L	369562	1	01/09/2024 16:01	OM
Carbon tetrachloride	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
Chlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
Chloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
Chloroform	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
Chloromethane	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
Dibromochloromethane	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
Dibromomethane	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
Ethylbenzene	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
Iodomethane	BRL	100		ug/L	369562	1	01/09/2024 16:01	OM
Methylene chloride	BRL	5.0		ug/L	369562	1	01/09/2024 16:01	OM
Styrene	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
Tetrachloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
Toluene	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	369562	1	01/09/2024 16:01	OM
Trichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
Trichlorofluoromethane	BRL	10		ug/L	369562	1	01/09/2024 16:01	OM
Vinyl acetate	BRL	100		ug/L	369562	1	01/09/2024 16:01	OM

Qualifiers: * Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

F Analyzed in the lab which is a deviation from the method

< Less than Result value

J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: GWC-11
Project Name: Forsyth County - Eagle Point Landfill	Collection Date: 1/8/2024 1:06:00 PM
Lab ID: 2401791-003	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D					(SW5030B)			
Vinyl chloride	BRL	2.0		ug/L	369562	1	01/09/2024 16:01	OM
Xylenes, Total	BRL	5.0		ug/L	369562	1	01/09/2024 16:01	OM
Surr: 4-Bromofluorobenzene	98.2	70-126		%REC	369562	1	01/09/2024 16:01	OM
Surr: Dibromofluoromethane	92.8	77-121		%REC	369562	1	01/09/2024 16:01	OM
Surr: Toluene-d8	99.6	78.6-119		%REC	369562	1	01/09/2024 16:01	OM
APPENDIX I METALS SW6020B					(SW3005A)			
Antimony	BRL	0.00600		mg/L	369535	1	01/10/2024 17:00	AD
Arsenic	BRL	0.0100		mg/L	369535	1	01/10/2024 17:00	AD
Barium	0.318	0.0200		mg/L	369535	1	01/10/2024 17:00	AD
Beryllium	BRL	0.00300		mg/L	369535	1	01/12/2024 05:19	IF
Cadmium	BRL	0.00500		mg/L	369535	1	01/10/2024 17:00	AD
Chromium	BRL	0.0100		mg/L	369535	1	01/10/2024 17:00	AD
Cobalt	BRL	0.0400		mg/L	369535	1	01/10/2024 17:00	AD
Copper	BRL	0.0200		mg/L	369535	1	01/10/2024 17:00	AD
Lead	BRL	0.0150		mg/L	369535	1	01/10/2024 17:00	AD
Nickel	BRL	0.0200		mg/L	369535	1	01/10/2024 17:00	AD
Selenium	BRL	0.0100		mg/L	369535	1	01/10/2024 17:00	AD
Silver	BRL	0.0100		mg/L	369535	1	01/10/2024 17:00	AD
Thallium	BRL	0.00200		mg/L	369535	1	01/10/2024 17:00	AD
Vanadium	BRL	0.0200		mg/L	369535	1	01/10/2024 17:00	AD
Zinc	0.0657	0.0200		mg/L	369535	1	01/12/2024 05:19	IF

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.
Project Name: Forsyth County - Eagle Point Landfill
Lab ID: 2401791-004

Client Sample ID: SWC-5
Collection Date: 1/8/2024 1:37:00 PM
Matrix: Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D				(SW5030B)				
1,1,1,2-Tetrachloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
1,1,1-Trichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
1,1,2-Trichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
1,1-Dichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
1,1-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
1,2,3-Trichloropropane	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	369562	1	01/09/2024 16:25	OM
1,2-Dibromoethane	BRL	1.0		ug/L	369562	1	01/09/2024 16:25	OM
1,2-Dichlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
1,2-Dichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
1,2-Dichloropropane	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
1,4-Dichlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
2-Butanone	BRL	100		ug/L	369562	1	01/09/2024 16:25	OM
2-Hexanone	BRL	50		ug/L	369562	1	01/09/2024 16:25	OM
4-Methyl-2-pentanone	BRL	50		ug/L	369562	1	01/09/2024 16:25	OM
Acetone	BRL	100		ug/L	369562	1	01/09/2024 16:25	OM
Acrylonitrile	BRL	50		ug/L	369562	1	01/09/2024 16:25	OM
Benzene	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
Bromochloromethane	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
Bromodichloromethane	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
Bromoform	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
Bromomethane	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
Carbon disulfide	BRL	5.0		ug/L	369562	1	01/09/2024 16:25	OM
Carbon tetrachloride	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
Chlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
Chloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
Chloroform	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
Chloromethane	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
Dibromochloromethane	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
Dibromomethane	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
Ethylbenzene	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
Iodomethane	BRL	100		ug/L	369562	1	01/09/2024 16:25	OM
Methylene chloride	BRL	5.0		ug/L	369562	1	01/09/2024 16:25	OM
Styrene	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
Tetrachloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
Toluene	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	369562	1	01/09/2024 16:25	OM
Trichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
Trichlorofluoromethane	BRL	10		ug/L	369562	1	01/09/2024 16:25	OM
Vinyl acetate	BRL	100		ug/L	369562	1	01/09/2024 16:25	OM

Qualifiers: * Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

F Analyzed in the lab which is a deviation from the method

< Less than Result value

J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: SWC-5
Project Name: Forsyth County - Eagle Point Landfill	Collection Date: 1/8/2024 1:37:00 PM
Lab ID: 2401791-004	Matrix: Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D					(SW5030B)			
Vinyl chloride	BRL	2.0		ug/L	369562	1	01/09/2024 16:25	OM
Xylenes, Total	BRL	5.0		ug/L	369562	1	01/09/2024 16:25	OM
Surr: 4-Bromofluorobenzene	96.6	70-126		%REC	369562	1	01/09/2024 16:25	OM
Surr: Dibromofluoromethane	93.2	77-121		%REC	369562	1	01/09/2024 16:25	OM
Surr: Toluene-d8	101	78.6-119		%REC	369562	1	01/09/2024 16:25	OM
APPENDIX I METALS SW6020B					(SW3005A)			
Antimony	BRL	0.00600		mg/L	369535	1	01/10/2024 17:02	AD
Arsenic	0.0369	0.0100		mg/L	369535	1	01/12/2024 05:23	IF
Barium	0.0415	0.0200		mg/L	369535	1	01/10/2024 17:02	AD
Beryllium	BRL	0.00300		mg/L	369535	1	01/12/2024 05:23	IF
Cadmium	BRL	0.00500		mg/L	369535	1	01/10/2024 17:02	AD
Chromium	BRL	0.0100		mg/L	369535	1	01/10/2024 17:02	AD
Cobalt	BRL	0.0400		mg/L	369535	1	01/10/2024 17:02	AD
Copper	BRL	0.0200		mg/L	369535	1	01/10/2024 17:02	AD
Lead	BRL	0.0150		mg/L	369535	1	01/10/2024 17:02	AD
Nickel	BRL	0.0200		mg/L	369535	1	01/10/2024 17:02	AD
Selenium	BRL	0.0100		mg/L	369535	1	01/10/2024 17:02	AD
Silver	BRL	0.0100		mg/L	369535	1	01/10/2024 17:02	AD
Thallium	BRL	0.00200		mg/L	369535	1	01/10/2024 17:02	AD
Vanadium	BRL	0.0200		mg/L	369535	1	01/10/2024 17:02	AD
Zinc	BRL	0.0200		mg/L	369535	1	01/10/2024 17:02	AD

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: SWC-9
Project Name: Forsyth County - Eagle Point Landfill	Collection Date: 1/8/2024 2:12:00 PM
Lab ID: 2401791-005	Matrix: Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Organic Carbon (TOC) by SM5310B-2014								
Organic Carbon, Total	2.58	1.00		mg/L	R535299	1	01/09/2024 13:05	AY
Total Cyanide SM4500 CN-C, E-2016 (SM4500-CN-E)								
Cyanide, Total	BRL	0.010		mg/L	369490	1	01/09/2024 16:14	MS
METALS, DISSOLVED SW6010D (SW3005A)								
Arsenic	BRL	0.0500		mg/L	369514	1	01/10/2024 11:34	RR
Barium	BRL	0.0200		mg/L	369514	1	01/10/2024 11:34	RR
Cadmium	BRL	0.0050		mg/L	369514	1	01/10/2024 11:34	RR
Chromium	BRL	0.0100		mg/L	369514	1	01/10/2024 11:34	RR
Lead	BRL	0.0100		mg/L	369514	1	01/10/2024 11:34	RR
Nickel	BRL	0.0200		mg/L	369514	1	01/10/2024 11:34	RR
Silver	BRL	0.0100		mg/L	369514	1	01/10/2024 11:34	RR
Zinc	BRL	0.0200		mg/L	369514	1	01/10/2024 11:34	RR
Mercury, Total SW7470A (SW7470A)								
Mercury	BRL	0.00050		mg/L	369660	1	01/12/2024 14:24	GR
Inorganic Anions by IC E300.0								
Chloride	2.00	0.500		mg/L	R535449	1	01/10/2024 20:03	TM
Chemical Oxygen Demand (COD) E410.4								
Chemical Oxygen Demand	BRL	10.0		mg/L	R535439	1	01/11/2024 10:18	AA
METALS, TOTAL SW6010D (SW3010A)								
Selenium	BRL	0.0200		mg/L	369627	1	01/12/2024 11:38	RR

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.
Project Name: Forsyth County - Eagle Point Landfill
Lab ID: 2401791-006

Client Sample ID: TRIP BLANK
Collection Date: 1/8/2024
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D				(SW5030B)				
1,1,1,2-Tetrachloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
1,1,1-Trichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
1,1,2-Trichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
1,1-Dichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
1,1-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
1,2,3-Trichloropropane	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	369562	1	01/09/2024 14:49	OM
1,2-Dibromoethane	BRL	1.0		ug/L	369562	1	01/09/2024 14:49	OM
1,2-Dichlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
1,2-Dichloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
1,2-Dichloropropane	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
1,4-Dichlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
2-Butanone	BRL	100		ug/L	369562	1	01/09/2024 14:49	OM
2-Hexanone	BRL	50		ug/L	369562	1	01/09/2024 14:49	OM
4-Methyl-2-pentanone	BRL	50		ug/L	369562	1	01/09/2024 14:49	OM
Acetone	BRL	100		ug/L	369562	1	01/09/2024 14:49	OM
Acrylonitrile	BRL	50		ug/L	369562	1	01/09/2024 14:49	OM
Benzene	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
Bromochloromethane	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
Bromodichloromethane	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
Bromoform	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
Bromomethane	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
Carbon disulfide	BRL	5.0		ug/L	369562	1	01/09/2024 14:49	OM
Carbon tetrachloride	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
Chlorobenzene	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
Chloroethane	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
Chloroform	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
Chloromethane	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
Dibromochloromethane	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
Dibromomethane	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
Ethylbenzene	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
Iodomethane	BRL	100		ug/L	369562	1	01/09/2024 14:49	OM
Methylene chloride	BRL	5.0		ug/L	369562	1	01/09/2024 14:49	OM
Styrene	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
Tetrachloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
Toluene	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	369562	1	01/09/2024 14:49	OM
Trichloroethene	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
Trichlorofluoromethane	BRL	10		ug/L	369562	1	01/09/2024 14:49	OM
Vinyl acetate	BRL	100		ug/L	369562	1	01/09/2024 14:49	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	Atlantic Coast Consulting, Inc.	Client Sample ID:	TRIP BLANK
Project Name	Forsyth County - Eagle Point Landfill	Collection Date:	1/8/2024
Lab ID:	2401791-006	Matrix:	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D					(SW5030B)			
Vinyl chloride	BRL	2.0		ug/L	369562	1	01/09/2024 14:49	OM
Xylenes, Total	BRL	5.0		ug/L	369562	1	01/09/2024 14:49	OM
Surr: 4-Bromofluorobenzene	99.2	70-126		%REC	369562	1	01/09/2024 14:49	OM
Surr: Dibromofluoromethane	97.9	77-121		%REC	369562	1	01/09/2024 14:49	OM
Surr: Toluene-d8	98.7	78.6-119		%REC	369562	1	01/09/2024 14:49	OM

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: Atlantic Coast Consulting, Inc.

AES Work Order Number: 2401791

2. Carrier: FedEx UPS USPS Client Courier Other

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	damaged <input type="checkbox"/> leaking <input type="checkbox"/> other <input type="checkbox"/>	
4. Custody seals present on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
5. Custody seals intact on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
6. Cooler temperature(s) within limits of 0-6°C? [See item 12 for temperature recordings.]	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
7. Chain of Custody (COC) present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
8. Chain of Custody signed, dated, and timed when relinquished and received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
9. Sampler name and/or signature on COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
10. Were all samples received within holding time?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
11. TAT marked on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	If no TAT indicated, proceeded with standard TAT per Terms & Conditions.	

12. Cooler 1 Temperature 0.8 °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
 Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

13. Comments: _____

I certify that I have completed sections 1-13 (dated initials). ZB 01/08/24

	Yes	No	N/A	Details	Comments
14. Temperature blanks present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
15. Were sample containers intact upon receipt?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
16. Custody seals present on sample containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
17. Custody seals intact on sample containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
18. Do sample container labels match the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/>	
19. Are analyses requested indicated on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
20. Were all of the samples listed on the COC received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	samples received but not listed on COC <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>	
21. Was the sample collection date/time noted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
22. Did we receive sufficient sample volume for indicated analyses?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
23. Were samples received in appropriate containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
24. Were VOA samples received without headspace (< 1/4" bubble)?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
25. Were trip blanks submitted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	listed on COC <input checked="" type="checkbox"/> not listed on COC <input type="checkbox"/>	

26. Comments: _____

I certify that I have completed sections 14-26 (dated initials). DE 1/08/24

This section only applies to samples where pH can be checked at Sample Receipt.

	Yes	No	N/A	Details	Comments
27. Have containers needing chemical preservation been checked?*	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
28. Containers meet preservation guidelines?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
29. Was pH adjusted at Sample Receipt?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		

*Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH. This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

I certify that I have completed sections 27-29(dated initials). DE 1/08/24

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369490

Sample ID: MB-369490	Client ID:	Units: mg/L	Prep Date: 01/09/2024	Run No: 535286							
SampleType: MBLK	TestCode: Total Cyanide SM4500 CN-C, E-2016	BatchID: 369490	Analysis Date: 01/09/2024	Seq No: 12727060							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total

BRL 0.010

Sample ID: LCS-369490	Client ID:	Units: mg/L	Prep Date: 01/09/2024	Run No: 535286							
SampleType: LCS	TestCode: Total Cyanide SM4500 CN-C, E-2016	BatchID: 369490	Analysis Date: 01/09/2024	Seq No: 12727061							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total

0.1010 0.010 0.1000 101 85 115

Sample ID: 2401673-050DMS	Client ID:	Units: mg/L	Prep Date: 01/09/2024	Run No: 535286							
SampleType: MS	TestCode: Total Cyanide SM4500 CN-C, E-2016	BatchID: 369490	Analysis Date: 01/09/2024	Seq No: 12727235							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total

0.1050 0.010 0.1000 105 76 120

Sample ID: 2401673-051DMS	Client ID:	Units: mg/L	Prep Date: 01/09/2024	Run No: 535286							
SampleType: MS	TestCode: Total Cyanide SM4500 CN-C, E-2016	BatchID: 369490	Analysis Date: 01/09/2024	Seq No: 12727071							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total

0.09900 0.010 0.1000 99.0 76 120

Sample ID: 2401673-050DMSD	Client ID:	Units: mg/L	Prep Date: 01/09/2024	Run No: 535286							
SampleType: MSD	TestCode: Total Cyanide SM4500 CN-C, E-2016	BatchID: 369490	Analysis Date: 01/09/2024	Seq No: 12727236							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total

0.1030 0.010 0.1000 103 76 120 0.1050 1.92 19.1

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
	BRL Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
	J Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
	Rpt Lim Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369514

Sample ID: MB-369514	Client ID:	Units: mg/L	Prep Date: 01/09/2024	Run No: 535369							
SampleType: MBLK	TestCode: METALS, DISSOLVED SW6010D	BatchID: 369514	Analysis Date: 01/10/2024	Seq No: 12728959							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	0.0500									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Nickel	BRL	0.0200									
Silver	BRL	0.0100									
Zinc	BRL	0.0200									

Sample ID: LCS-369514	Client ID:	Units: mg/L	Prep Date: 01/09/2024	Run No: 535369							
SampleType: LCS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 369514	Analysis Date: 01/10/2024	Seq No: 12728960							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.061	0.0500	1.000		106	80	120				
Barium	1.024	0.0200	1.000		102	80	120				
Cadmium	1.055	0.0050	1.000		105	80	120				
Chromium	1.024	0.0100	1.000		102	80	120				
Lead	1.050	0.0100	1.000	0.008430	104	80	120				
Nickel	1.059	0.0200	1.000		106	80	120				
Silver	0.1030	0.0100	0.1000		103	80	120				
Zinc	1.063	0.0200	1.000		106	80	120				

Sample ID: 2401782-001BMS	Client ID:	Units: mg/L	Prep Date: 01/09/2024	Run No: 535369							
SampleType: MS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 369514	Analysis Date: 01/10/2024	Seq No: 12728964							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.048	0.0500	1.000		105	75	125				
Barium	1.147	0.0200	1.000	0.1555	99.2	75	125				

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369514

Sample ID: 2401782-001BMS	Client ID:	Units: mg/L	Prep Date: 01/09/2024	Run No: 535369							
SampleType: MS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 369514	Analysis Date: 01/10/2024	Seq No: 12728964							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cadmium	1.030	0.0050	1.000		103	75	125				
Chromium	0.9996	0.0100	1.000		100.0	75	125				
Lead	1.011	0.0100	1.000		101	75	125				
Nickel	0.9692	0.0200	1.000	0.01453	95.5	75	125				
Silver	0.08880	0.0100	0.1000		88.8	75	125				
Zinc	1.027	0.0200	1.000		103	75	125				

Sample ID: 2401782-001BMSD	Client ID:	Units: mg/L	Prep Date: 01/09/2024	Run No: 535369							
SampleType: MSD	TestCode: METALS, DISSOLVED SW6010D	BatchID: 369514	Analysis Date: 01/10/2024	Seq No: 12728965							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.041	0.0500	1.000		104	75	125	1.048	0.703	20	
Barium	1.147	0.0200	1.000	0.1555	99.1	75	125	1.147	0.041	20	
Cadmium	1.030	0.0050	1.000		103	75	125	1.030	0.033	20	
Chromium	1.001	0.0100	1.000		100	75	125	0.9996	0.114	20	
Lead	1.013	0.0100	1.000		101	75	125	1.011	0.165	20	
Nickel	0.9856	0.0200	1.000	0.01453	97.1	75	125	0.9692	1.67	20	
Silver	0.08859	0.0100	0.1000		88.6	75	125	0.08880	0.237	20	
Zinc	1.029	0.0200	1.000		103	75	125	1.027	0.213	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369535

Sample ID: MB-369535	Client ID:	Units: mg/L	Prep Date: 01/10/2024	Run No: 535415							
SampleType: MBLK	TestCode: APPENDIX I METALS SW6020B	BatchID: 369535	Analysis Date: 01/10/2024	Seq No: 12730273							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Antimony	BRL	0.00600									
Arsenic	BRL	0.0100									
Barium	BRL	0.0200									
Cadmium	BRL	0.00500									
Chromium	BRL	0.0200									
Cobalt	BRL	0.0500									
Copper	BRL	0.0200									
Lead	BRL	0.0100									
Nickel	BRL	0.0400									
Selenium	BRL	0.0500									
Silver	BRL	0.00500									
Thallium	BRL	0.00200									
Vanadium	BRL	0.0500									
Zinc	BRL	0.0200									

Sample ID: MB-369535	Client ID:	Units: mg/L	Prep Date: 01/10/2024	Run No: 535557							
SampleType: MBLK	TestCode: APPENDIX I METALS SW6020B	BatchID: 369535	Analysis Date: 01/12/2024	Seq No: 12733253							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Beryllium	BRL	0.00400									
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Sample ID: LCS-369535	Client ID:	Units: mg/L	Prep Date: 01/10/2024	Run No: 535415							
SampleType: LCS	TestCode: APPENDIX I METALS SW6020B	BatchID: 369535	Analysis Date: 01/10/2024	Seq No: 12730274							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Antimony	0.09720	0.00600	0.1000		97.2	80	120				
Arsenic	0.09209	0.0100	0.1000		92.1	80	120				
Barium	0.09838	0.0200	0.1000		98.4	80	120				

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369535

Sample ID: LCS-369535	Client ID:	Units: mg/L	Prep Date: 01/10/2024	Run No: 535415							
SampleType: LCS	TestCode: APPENDIX I METALS SW6020B	BatchID: 369535	Analysis Date: 01/10/2024	Seq No: 12730274							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Beryllium	0.09350	0.00400	0.1000		93.5	80	120				
Cadmium	0.1006	0.00500	0.1000		101	80	120				
Chromium	0.09067	0.0200	0.1000		90.7	80	120				
Cobalt	0.09172	0.0500	0.1000		91.7	80	120				
Copper	0.09291	0.0200	0.1000		92.9	80	120				
Lead	0.09382	0.0100	0.1000		93.8	80	120				
Nickel	0.09202	0.0400	0.1000		92.0	80	120				
Selenium	0.09755	0.0500	0.1000		97.5	80	120				
Silver	0.009845	0.00500	0.0100		98.5	80	120				
Thallium	0.09536	0.00200	0.1000		95.4	80	120				
Vanadium	0.09100	0.0500	0.1000		91.0	80	120				
Zinc	0.09273	0.0200	0.1000		92.7	80	120				

Sample ID: 2401791-001BMS	Client ID: GWC-6	Units: mg/L	Prep Date: 01/10/2024	Run No: 535415							
SampleType: MS	TestCode: APPENDIX I METALS SW6020B	BatchID: 369535	Analysis Date: 01/10/2024	Seq No: 12730276							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Antimony	0.09749	0.00600	0.1000		97.5	75	125				
Arsenic	0.09032	0.0100	0.1000		90.3	75	125				
Barium	0.1698	0.0200	0.1000	0.07103	98.8	75	125				
Cadmium	0.1017	0.00500	0.1000		102	75	125				
Chromium	0.08995	0.0200	0.1000	0.002570	87.4	75	125				
Cobalt	0.08954	0.0500	0.1000	0.0006805	88.9	75	125				
Copper	0.09168	0.0200	0.1000		91.7	75	125				
Lead	0.09573	0.0100	0.1000		95.7	75	125				
Nickel	0.08882	0.0400	0.1000	0.0007849	88.0	75	125				
Selenium	0.09626	0.0500	0.1000		96.3	75	125				
Silver	0.01002	0.00500	0.0100		100	75	125				

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369535

Sample ID: 2401791-001BMS	Client ID: GWC-6	Units: mg/L	Prep Date: 01/10/2024	Run No: 535415							
SampleType: MS	TestCode: APPENDIX I METALS SW6020B	BatchID: 369535	Analysis Date: 01/10/2024	Seq No: 12730276							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Thallium	0.09742	0.00200	0.1000		97.4	75	125				
Vanadium	0.08866	0.0500	0.1000		88.7	75	125				
Zinc	0.1027	0.0200	0.1000	0.01307	89.7	75	125				

Sample ID: 2401791-001BMS	Client ID: GWC-6	Units: mg/L	Prep Date: 01/10/2024	Run No: 535557							
SampleType: MS	TestCode: APPENDIX I METALS SW6020B	BatchID: 369535	Analysis Date: 01/12/2024	Seq No: 12733255							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Beryllium	0.1040	0.00400	0.1000		104	75	125				
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Sample ID: 2401791-001BMSD	Client ID: GWC-6	Units: mg/L	Prep Date: 01/10/2024	Run No: 535415							
SampleType: MSD	TestCode: APPENDIX I METALS SW6020B	BatchID: 369535	Analysis Date: 01/10/2024	Seq No: 12730277							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Antimony	0.09561	0.00600	0.1000		95.6	75	125	0.09749	1.95	20	
Arsenic	0.09037	0.0100	0.1000		90.4	75	125	0.09032	0.059	20	
Barium	0.1668	0.0200	0.1000	0.07103	95.7	75	125	0.1698	1.81	20	
Cadmium	0.1005	0.00500	0.1000		101	75	125	0.1017	1.21	20	
Chromium	0.08836	0.0200	0.1000	0.002570	85.8	75	125	0.08995	1.79	20	
Cobalt	0.08869	0.0500	0.1000	0.0006805	88.0	75	125	0.08954	0.952	20	
Copper	0.09113	0.0200	0.1000		91.1	75	125	0.09168	0.610	20	
Lead	0.09323	0.0100	0.1000		93.2	75	125	0.09573	2.64	20	
Nickel	0.08897	0.0400	0.1000	0.0007849	88.2	75	125	0.08882	0.165	20	
Selenium	0.09845	0.0500	0.1000		98.4	75	125	0.09626	2.25	20	
Silver	0.009904	0.00500	0.0100		99.0	75	125	0.01002	1.21	20	
Thallium	0.09669	0.00200	0.1000		96.7	75	125	0.09742	0.751	20	
Vanadium	0.08671	0.0500	0.1000		86.7	75	125	0.08866	2.23	20	
Zinc	0.1019	0.0200	0.1000	0.01307	88.8	75	125	0.1027	0.853	20	

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369535

Sample ID: 2401791-001BMSD	Client ID: GWC-6	Units: mg/L	Prep Date: 01/10/2024	Run No: 535557
SampleType: MSD	TestCode: APPENDIX I METALS SW6020B	BatchID: 369535	Analysis Date: 01/12/2024	Seq No: 12733256

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Beryllium	0.1020	0.00400	0.1000		102	75	125	0.1040	1.97	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369562

Sample ID: MB-369562	Client ID:	Units: ug/L	Prep Date: 01/09/2024	Run No: 535334							
SampleType: MBLK	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 369562	Analysis Date: 01/09/2024	Seq No: 12728481							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1,2-Tetrachloroethane	BRL	5.0									
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,3-Trichloropropane	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Acrylonitrile	BRL	5.0									
Benzene	BRL	5.0									
Bromochloromethane	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369562

Sample ID: MB-369562	Client ID:	Units: ug/L	Prep Date: 01/09/2024	Run No: 535334							
SampleType: MBLK	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 369562	Analysis Date: 01/09/2024	Seq No: 12728481							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dibromomethane	BRL	5.0									
Ethylbenzene	BRL	5.0									
Iodomethane	BRL	10									
Methylene chloride	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
trans-1,4-Dichloro-2-butene	BRL	10									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl acetate	BRL	10									
Vinyl chloride	BRL	2.0									
Xylenes, Total	BRL	10									
Surr: 4-Bromofluorobenzene	47.52	0	50.00		95.0	70	126				
Surr: Dibromofluoromethane	48.97	0	50.00		97.9	77	121				
Surr: Toluene-d8	50.36	0	50.00		101	78.6	119				

Sample ID: LCS-369562	Client ID:	Units: ug/L	Prep Date: 01/09/2024	Run No: 535334							
SampleType: LCS	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 369562	Analysis Date: 01/09/2024	Seq No: 12728485							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369562

Sample ID: LCS-369562	Client ID:	Units: ug/L	Prep Date: 01/09/2024	Run No: 535334							
SampleType: LCS	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 369562	Analysis Date: 01/09/2024	Seq No: 12728485							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	20.40	5.0	20.00		102	68.6	130				
Benzene	17.65	5.0	20.00		88.2	76.3	122				
Chlorobenzene	18.41	5.0	20.00		92.0	75.2	121				
Toluene	18.22	5.0	20.00		91.1	74.3	124				
Trichloroethene	18.24	5.0	20.00		91.2	71.9	129				
Surr: 4-Bromofluorobenzene	49.15	0	50.00		98.3	70	126				
Surr: Dibromofluoromethane	48.69	0	50.00		97.4	77	121				
Surr: Toluene-d8	50.55	0	50.00		101	78.6	119				

Sample ID: 2401207-001AMS	Client ID:	Units: ug/L	Prep Date: 01/09/2024	Run No: 535334							
SampleType: MS	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 369562	Analysis Date: 01/09/2024	Seq No: 12728483							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	12120	2500	10000		121	69	139				
Benzene	10770	2500	10000		108	71.3	133				
Chlorobenzene	11070	2500	10000		111	77.6	128				
Toluene	10980	2500	10000		110	72	134				
Trichloroethene	11060	2500	10000		111	76.8	136				
Surr: 4-Bromofluorobenzene	25150	0	25000		101	70	126				
Surr: Dibromofluoromethane	24600	0	25000		98.4	77	121				
Surr: Toluene-d8	25200	0	25000		101	78.6	119				

Sample ID: 2401207-001AMSD	Client ID:	Units: ug/L	Prep Date: 01/09/2024	Run No: 535334							
SampleType: MSD	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 369562	Analysis Date: 01/09/2024	Seq No: 12728484							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	11120	2500	10000		111	69	139	12120	8.65	56.1	
Benzene	10130	2500	10000		101	71.3	133	10770	6.12	42.4	

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369562

Sample ID: 2401207-001AMSD	Client ID:	Units: ug/L	Prep Date: 01/09/2024	Run No: 535334
SampleType: MSD	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 369562	Analysis Date: 01/09/2024	Seq No: 12728484

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	10650	2500	10000		106	77.6	128	11070	3.91	49.9	
Toluene	10430	2500	10000		104	72	134	10980	5.19	42.5	
Trichloroethene	10470	2500	10000		105	76.8	136	11060	5.48	51.1	
Surr: 4-Bromofluorobenzene	25110	0	25000		100	70	126	25150	0	0	
Surr: Dibromofluoromethane	24000	0	25000		96.0	77	121	24600	0	0	
Surr: Toluene-d8	25160	0	25000		101	78.6	119	25200	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369627

Sample ID: MB-369627	Client ID:	Units: mg/L	Prep Date: 01/11/2024	Run No: 535609							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 369627	Analysis Date: 01/12/2024	Seq No: 12734339							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Selenium BRL 0.0200

Sample ID: LCS-369627	Client ID:	Units: mg/L	Prep Date: 01/11/2024	Run No: 535609							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 369627	Analysis Date: 01/12/2024	Seq No: 12734340							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Selenium 1.026 0.0200 1.000 103 80 120

Sample ID: 2401791-005FMS	Client ID: SWC-9	Units: mg/L	Prep Date: 01/11/2024	Run No: 535609							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 369627	Analysis Date: 01/12/2024	Seq No: 12734345							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Selenium 1.025 0.0200 1.000 102 75 125

Sample ID: 2401791-005FMSD	Client ID: SWC-9	Units: mg/L	Prep Date: 01/11/2024	Run No: 535609							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 369627	Analysis Date: 01/12/2024	Seq No: 12734346							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Selenium 1.024 0.0200 1.000 102 75 125 1.025 0.043 20

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
	BRL Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
	J Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
	Rpt Lim Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: 369660

Sample ID: MB-369660	Client ID:	Units: mg/L	Prep Date: 01/12/2024	Run No: 535595							
SampleType: MBLK	TestCode: Mercury, Total SW7470A	BatchID: 369660	Analysis Date: 01/12/2024	Seq No: 12734888							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury BRL 0.00020

Sample ID: LCS-369660	Client ID:	Units: mg/L	Prep Date: 01/12/2024	Run No: 535595							
SampleType: LCS	TestCode: Mercury, Total SW7470A	BatchID: 369660	Analysis Date: 01/12/2024	Seq No: 12734889							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003993 0.00020 0.0040 99.8 80 120

Sample ID: 2401791-005FMS	Client ID: SWC-9	Units: mg/L	Prep Date: 01/12/2024	Run No: 535595							
SampleType: MS	TestCode: Mercury, Total SW7470A	BatchID: 369660	Analysis Date: 01/12/2024	Seq No: 12734891							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.004015 0.00020 0.0040 100 75 125

Sample ID: 2401791-005FMSD	Client ID: SWC-9	Units: mg/L	Prep Date: 01/12/2024	Run No: 535595							
SampleType: MSD	TestCode: Mercury, Total SW7470A	BatchID: 369660	Analysis Date: 01/12/2024	Seq No: 12734892							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003648 0.00020 0.0040 91.2 75 125 0.004015 9.58 20

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
	BRL Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
	J Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
	Rpt Lim Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: R535299

Sample ID: MB-R535299	Client ID:	Units: mg/L	Prep Date:	Run No: 535299							
SampleType: MBLK	TestCode: Total Organic Carbon (TOC) by SM5310B-2014	BatchID: R535299	Analysis Date: 01/09/2024	Seq No: 12727900							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Organic Carbon, Total

BRL 1.00

Sample ID: LCS-R535299	Client ID:	Units: mg/L	Prep Date:	Run No: 535299							
SampleType: LCS	TestCode: Total Organic Carbon (TOC) by SM5310B-2014	BatchID: R535299	Analysis Date: 01/09/2024	Seq No: 12727892							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Organic Carbon, Total

23.77 1.00 25.00 95.1 85 115

Sample ID: 2401791-005DMS	Client ID: SWC-9	Units: mg/L	Prep Date:	Run No: 535299							
SampleType: MS	TestCode: Total Organic Carbon (TOC) by SM5310B-2014	BatchID: R535299	Analysis Date: 01/09/2024	Seq No: 12727910							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Organic Carbon, Total

27.89 1.00 25.00 2.583 101 85 115

Sample ID: 2401791-005DMSD	Client ID: SWC-9	Units: mg/L	Prep Date:	Run No: 535299							
SampleType: MSD	TestCode: Total Organic Carbon (TOC) by SM5310B-2014	BatchID: R535299	Analysis Date: 01/09/2024	Seq No: 12727913							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Organic Carbon, Total

28.25 1.00 25.00 2.583 103 85 115 27.89 1.28 15

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: R535439

Sample ID: MB-R535439	Client ID:	Units: mg/L	Prep Date:	Run No: 535439							
SampleType: MBLK	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R535439	Analysis Date: 01/11/2024	Seq No: 12731145							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand BRL 10.0

Sample ID: LCS-R535439	Client ID:	Units: mg/L	Prep Date:	Run No: 535439							
SampleType: LCS	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R535439	Analysis Date: 01/11/2024	Seq No: 12731146							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand 499.0 10.0 500.0 99.8 90 110

Sample ID: 2401791-005CMS	Client ID: SWC-9	Units: mg/L	Prep Date:	Run No: 535439							
SampleType: MS	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R535439	Analysis Date: 01/11/2024	Seq No: 12731148							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand 372.8 12.5 375.0 7.599 97.4 90 110

Sample ID: 2401897-002BMS	Client ID:	Units: mg/L	Prep Date:	Run No: 535439							
SampleType: MS	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R535439	Analysis Date: 01/11/2024	Seq No: 12731163							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand 369.9 12.5 375.0 98.7 90 110

Sample ID: 2401791-005CMSD	Client ID: SWC-9	Units: mg/L	Prep Date:	Run No: 535439							
SampleType: MSD	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R535439	Analysis Date: 01/11/2024	Seq No: 12731149							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand 364.2 12.5 375.0 7.599 95.1 90 110 372.8 2.35 30

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: Atlantic Coast Consulting, Inc.
Project Name Forsyth County - Eagle Point Landfill
Workorder: 2401791

ANALYTICAL QC SUMMARY REPORT

BatchID: R535449

Sample ID: MB-R535449	Client ID:	Units: mg/L	Prep Date:	Run No: 535449							
SampleType: MBLK	TestCode: Inorganic Anions by IC E300.0	BatchID: R535449	Analysis Date: 01/10/2024	Seq No: 12731348							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride BRL 1.00

Sample ID: LCS-R535449	Client ID:	Units: mg/L	Prep Date:	Run No: 535449							
SampleType: LCS	TestCode: Inorganic Anions by IC E300.0	BatchID: R535449	Analysis Date: 01/10/2024	Seq No: 12731347							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride 9.957 1.00 10.00 99.6 90 110

Sample ID: 2401673-052EMS	Client ID:	Units: mg/L	Prep Date:	Run No: 535449							
SampleType: MS	TestCode: Inorganic Anions by IC E300.0	BatchID: R535449	Analysis Date: 01/10/2024	Seq No: 12731363							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride 14.18 1.00 10.00 4.724 94.5 90 110

Sample ID: 2401673-052EMSD	Client ID:	Units: mg/L	Prep Date:	Run No: 535449							
SampleType: MSD	TestCode: Inorganic Anions by IC E300.0	BatchID: R535449	Analysis Date: 01/10/2024	Seq No: 12731366							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride 14.07 1.00 10.00 4.724 93.5 90 110 14.18 0.732 20

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
	BRL Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
	J Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
	Rpt Lim Reporting Limit	S Spike Recovery outside limits due to matrix	

End of Report