



1150 Northmeadow Parkway
Suite 100
Roswell, GA 30076
(770) 594-5998
www.atlcc.net

May 20, 2021

Transmitted via FedEx
Tracking: 773779510090

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 2021 Event
Permit No.: 058-012D(MSWL)

Dear Mr. Buckles:

As described in the Fee Estimate provided to Forsyth County, Atlantic Coast Consulting, Inc. (ACC) provided a qualified groundwater scientist to attend one day of the Eagle Point Landfill's (EPL) first 2021 sampling event for the purpose of quality assurance (QA) of sampling procedures and collection of QA split samples for Forsyth County comparison. The sampling event occurred the week of January 4, 2021. ACC's field representative, geologist Taylor Goble, was present to complete QA activities on January 5, 2021. He met with Environmental Monitoring Services, LLC (EMS) the subcontracted sampling team of Advance Disposal Services¹, and observed the sampling being 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 (3) groundwater wells GWC-6, GWC-9, and GWC-12R, one (1) surface water location, SWC-9, and one (1) underdrain location, SWC-5. There were two members of the EMS field sampling team, therefore Mr. Goble joined the EMS team member responsible for sampling the above locations. The field purging and/or water quality parameter data generated by EMS for each sampling point was recorded by ACC on ACC field sampling logs, and copies of these logs are provided in Attachment A. Discussed below are the sampling protocols, laboratory results, and summary and conclusions.

Sampling Protocol/Techniques

Below is a summary of the sampling protocol and techniques used by EPL'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 conductivity, and temperature) were allowed to stabilize prior to sampling. A turbidity reading equal to or less than 10 nephelometric turbidity unit (NTU) was achieved prior to sampling.

¹ Eagle Point Landfill has transitioned to new ownership, GFL Environmental. GFL Environmental has purchased several assets from Advanced Disposal Services including the Eagle Point Landfill. The sale was completed in October 2020.

- 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 filling alternating between primary sample vials and the ACC QA split sample vials.
- 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 EPL's samples were submitted to Pace Analytical Services, Inc. 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 (EPA², 1996). As summarized in Table 1, groundwater samples collected for metals analysis were all collected at turbidity readings 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, conductivity within 10 percent, and temperature within 1 degree centigrade (Attachment A). Surface water metals were collected at relatively low sample turbidities of 12 NTU at surface water point SWC-9 and 5 NTU at underdrain sample point SWC-5 (see Tables 2 and 3).

QA Sample Laboratory Results

The QA split 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 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 (NELAP) 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. Surface water location (SWC-9) was sampled and analyzed for dissolved metals (arsenic, barium, cadmium, chromium, lead, nickel, silver, and zinc), total metals, with selenium and mercury, chloride, chemical oxygen demand (COD), total organic carbon (TOC), and cyanide. The surface water sample results and field water quality readings are summarized in Table 2. As summarized in Table 2, there was a detection of chloride in the surface water sample. Underdrain location SWC-5 was sampled and analyzed for Appendix I parameters. A summary of detections and field water quality readings for the underdrain sample is provided in Table 3. As summarized in Table 3, there were detections of arsenic and barium in the sample.

Groundwater monitoring wells GWC-6, GWC-9, and GWC-12R were sampled and analyzed for Appendix I parameters. A summary of the ACC groundwater QA split sample results is provided on

² 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.

Table 5 and a summary of field water quality readings is summarized on Table 1. The laboratory results indicate that there were detections of barium, cobalt, nickel, selenium and/or zinc in the groundwater samples, as well as a detection of benzene in the sample from GWC-12R. Detected concentrations were below U.S. EPA Maximum Contaminant Levels (MCLs). There is no established EPA MCL for cobalt or zinc. For reference the zinc concentrations on Table 5 were 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, AES, met quality control standards and are provided for Forsyth County comparison to EPL data. If requested, ACC is available to review the facility's Design & Operation Groundwater Monitoring Plan (GWMP) corrective action plans, assessment monitoring plans, or other sampling and analysis plans specific to EPL to determine if the observed sampling event is compliant with applicable permit requirements.

ACC recommends QA split laboratory analysis for approximately 10 percent of the total samples (three groundwater, one underdrain, and one surface water) during the next sampling event scheduled for completion in July 2021.

Sincerely,

ATLANTIC COAST CONSULTING, INC.



Charles B. Adams, P.G.
Project Manager

Attachments

cc: ACC File

TABLES



Table 1
Summary of Final Water Quality Parameter Readings
Eagle Point Landfill Forsyth County, Georgia
January 2021 Sampling Event

Well ID	pH (S.U.)	Specific Conductance (μS/cm)	Temperature ($^{\circ}$C)	Turbidity (NTU)
GWC-6	5.38	71	18.1	0
GWC-9	4.10	445	17.9	1
GWC-12R	5.58	557	15.8	9

Notes: Groundwater samples collected January 5, 2021.

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

Table 2
Summary of Surface Water Detections & Field Parameters
Eagle Point Landfill Forsyth County, Georgia
January 2021 Sampling Event

Location	Chloride (mg/L)	COD (mg/L)
SWC-9	4.18	--

Location	pH (S.U.)	Specific Conductance (μ S/cm)	Temperature ($^{\circ}$ C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
SWC-9	6.79	28	12.3	12	12.2

Notes: Surface water sampled January 5, 2021.

Acronyms: mg/L = milligrams per liter
 S.U. = Standard Units
 μ S/cm = microSiemens/cm

$^{\circ}$ C = Degrees Celsius
 NTU = Nephelometric Turbidity Units
 COD = chemical oxygen demand

Table 3
Summary of Underdrain Detections & Field Parameters
Eagle Point Landfill Forsyth County, Georgia
January 2021 Sampling Event

Location	Arsenic (mg/L)	Barium (mg/L)
SWC-5	0.0388	0.0416

Location	pH (S.U.)	Specific Conductance (μ S/cm)	Temperature ($^{\circ}$ C)	Turbidity (NTU)
SWC-5	5.87	203	21.0	5

Notes: Underdrain sampled January 5, 2021.

Acronyms: $^{\circ}$ C = Degrees Celsius
 mg/L = milligrams per liter
 μ S/cm = microSiemens/cm

NTU = Nephelometric Turbidity U
 S.U. = Standard Units

Table 4
Summary of Laboratory Analysis and Sample Method
Eagle Point Landfill Forsyth County, Georgia
January 2021 Sampling Event

Well ID	Analysis	Sample Method
GWC-6	Appendix I	Peristaltic
GWC-9	Appendix I	Peristaltic
GWC-12R	Appendix I	Peristaltic

Location ID	Analysis	Sample Method
SWC-9	Chloride, COD, Cyanide, Dissolved and/or total Metals, TOC	Grab
SWC-5	Appendix I	Grab

Notes: Samples collected January 5, 2021.
Appendix I/II = 40 Code of Federal Regulations 258

Acronyms: COD = Chemical Oxygen Demand
TOC = Total Organic Carbon

Table 5
Summary of Appendix I/II Detections in Groundwater
Eagle Point Landfill Forsyth County, Georgia
January 2021 Sampling Event

Well ID	Benzene (µg/L)	Barium (mg/L)	Cobalt (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Zinc (mg/L)
GWC-6	--	0.0670	--	--	--	--
GWC-9	--	0.363	0.148	--	0.0126	0.0964
GWC-12R	2.6	0.0864	0.0940	0.0202	--	--
MCL	5	2	NE	0.1*	0.05	5**

Notes: Samples collected January 5, 2021.

A dash (--) = below laboratory reporting limit.

Bold & shaded cells are above the MCL.

* Georgia MCL Rule 391-3-5-.18.

** National Secondary Drinking Water Regulation

Acronyms: MCL = Maximum Contaminant Level

mg/L = milligrams per liter

µg/L = micrograms per liter

NE = not established

ATTACHMENTS



ATTACHMENT A
Field Sampling Logs



Job Name: Eagle Point Landfill

Job No. G020-117

Well No. GWC-6

Sampled By: Nick Walker

Sampling Date 1-5-21

Sheet No. 1 of 1

Begin Purging 1-5-21 / 0941
Date / Time

Completed Purging 1-5-21 / 0959
Date / Time

Water Level 23.86 Ft BTOC

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

Standing Water Column (H) 13.68 Ft.

Casing Type PVC Screen Length 10 Ft.

Standing Well Volume 2.24 Gal.

Purging Device Peri Pump

Purge Volume Removed 0.95 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)	
0947	24.02	5.32	77	0.76	123	17.7	1	
0951	24.02	5.30	72	0.55	120	17.6	1	
0955	24.02	5.35	71	0.46	116	18.0	0	
0959	24.02	5.38	71	0.42	114	18.1	0	

Final Sample Parameters

0959	24.02	5.38	71	0.42	114	18.1	0	
------	-------	------	----	------	-----	------	---	--

Sample Appearance Clear Odor? None Color None

Comments 0 LEL

Purge rate 200 ml/min - calculated 0.2 L/min.

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. G020-117

Well No. GW-9

Sampled By: Nick Walker

Sampling Date 1-5-21

Sheet No. 1 of 1

Begin Purging 1-5-21 / 1020
Date / Time

Completed Purging 1-5-21 / 1044
Date / Time

Water Level 14.14 Ft BTOC

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

Standing Water Column (H) 10.21 Ft.

Casing Type PVC Screen Length 10 Ft.

Standing Well Volume 1.67 Gal.

Purging Device Peri-Amp

Purge Volume Removed 1.00 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)	
1032	14.36	4.05	447	0.61	173	17.8	1	
1036	14.36	4.07	448	0.42	166	17.8	1	
1040	14.36	4.11	446	0.34	163	17.9	1	
1044	14.36	4.10	445	0.31	161	17.9	1	

Final Sample Parameters

1044	14.36	4.10	445	0.31	161	17.9	1	
------	-------	------	-----	------	-----	------	---	--

Sample Appearance Clear Odor? None Color None

Comments 0 LEL
2.10 ml/min - calculated 0.21 L/min

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. G020-117

Well No. GWC-12R

Sampled By: Nick Walker

Sampling Date 1-5-21

Sheet No. 1 of 1

Begin Purging 1-5-21 / 1105
Date / Time

Completed Purging 1-5-21 / 1131
Date / Time

Water Level 8.26 Ft BTOC

Well Depth: 29.79 Ft BTOC Well Dia. 2 In.

Standing Water Column (H) 21.53 Ft.

Casing Type PVC Screen Length 10 Ft.

Standing Well Volume 3.53 Gal.

Purging Device Peri Pump

Purge Volume Removed 1.92 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)	
1111	8.84	5.52	554	0.56	114	15.3	46	
1115	8.64	5.59	555	0.44	116	15.4	55	
1119	8.64	5.57	555	0.31	115	14.9	45	
1123	8.84	5.59	556	0.26	113	15.2	24	
1127	8.84	5.59	557	0.21	112	15.9	14	
1131	8.84	5.58	557	0.22	111	15.8	9	

Final Sample Parameters

1131	8.84	5.58	557	0.22	111	15.8	9	
------	------	------	-----	------	-----	------	---	--

Sample Appearance Clear Odor? None Yes Color None

Comments 0 LEL

280 ml/min 1.94 gal purged (calculated 0.28L/min)

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. G020-117

Well No. SWC-5

Sampled By: Nick Walker

Sampling Date 1-5-21 Sheet No. 1 of 1

Begin Purging 1-5-21 / 1153
Date / Time

Completed Purging ✓ / —
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)	
1153	—	5.87	203	*	*	21.0	5	

Final Sample Parameters

1153	—	5.87	203	*	*	21.0	5	
------	---	------	-----	---	---	------	---	--

Sample Appearance Clear Odor? Yes Color None

Comments * Not recorded by EIM Services

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. G020-117 Well No. SWC-9

Sampled By: NZK Walker

Sampling Date 1-5-21 Sheet No. 1 of 1

Begin Purging 1-5-21 / 1228
Date / Time

Completed Purging _____
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)	
1228	—	6.79	28	12.2	*	12.3	12	

Final Sample Parameters

--	--	--	--	--	--	--	--	--

Sample Appearance Clear Odor? None Color None

Comments * Not recorded by EM Services

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 13, 2021

Charles Adams
Atlantic Coast Consulting, Inc.

1150 Northmeadow Pkwy
Roswell GA 30076

RE: Forsyth Eagle Point MOU Assistance

Dear Charles Adams:

Order No: 2101262

Analytical Environmental Services, Inc. received 6 samples on 1/5/2021 3:00:00 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 07/01/20-06/30/21.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/21 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-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 11/01/21.

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,

Jessica Shilling
Project Manager

CHAIN OF CUSTODY

COMPANY: <u>Atlantic Coast Consulting</u>		ADDRESS: <u>1150 Northmeadow Parkway Suite 4100 Roswell, GA</u>				ANALYSIS REQUESTED							Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.	Number of Containers		
PHONE: <u>770-594-5998</u>		EMAIL: <u>Cadams@atlcc.net</u>				App 1 Metals	App 1 VOCs	COD	Dissolved Metals	Total Metals Hg	TOC	Total Cyanide			Chloride	
SAMPLED BY: <u>Nick Walker / Taylor Goble</u>		SIGNATURE: <u>Taylor Goble</u>				PRESERVATION (see codes)									REMARKS	
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)										
		DATE	TIME													
1	GWC-6	1-5-21	0959	✓		GW	✓	✓							3	
2	GWC-9	1-5-21	1044	✓		GW	✓	✓							3	
3	GWC-12R	1-5-21	1131	✓		GW	✓	✓							3	
4	SWC-5	1-5-21	1153	✓		SW	✓	✓							3	
5	SWC-9	1-5-21	1228	✓		SW		✓	✓	✓	✓	✓	✓		7	
6	Trip Blank	—	—	—		—	✓								2	
7																
8																
9																
10																
11																
12																
13																
14																
RELINQUISHED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		PROJECT INFORMATION							RECEIPT	
1. <u>Taylor Goble</u>		1-5-21/1506		1. <u>Mary Hest</u>		3:00p		PROJECT NAME: <u>Forsyth Eagle Point</u> <u>MOU assistance</u>							Total # of Containers <u>19</u>	
2.				2. <u>Mary Hest</u>		<u>1/15/21</u>		PROJECT #:							Turnaround Time (TAT) Request <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same-Day Rush (auth req.) <input type="checkbox"/> Other _____	
3.				3.				SITE ADDRESS:								
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				SEND REPORT TO: <u>Cadams@atlcc.net</u>							REGULATORY PROGRAM (if any):	
				OUT: / /		VIA:		INVOICE TO (IF DIFFERENT FROM ABOVE):								
				IN: <u>Client</u> /		VIA:		QUOTE #:							DATA PACKAGE: I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/>	
				other: _____				PO#:								

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: GWC-6
Project Name: Forsyth Eagle Point MOU Assistance	Collection Date: 1/5/2021 9:59:00 AM
Lab ID: 2101262-001	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	308507	1	01/06/2021 22:38	OM
1,1,1-Trichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
1,1,2-Trichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
1,1-Dichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
1,1-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
1,2,3-Trichloropropane	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	308507	1	01/06/2021 22:38	OM
1,2-Dibromoethane	BRL	1.0		ug/L	308507	1	01/06/2021 22:38	OM
1,2-Dichlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
1,2-Dichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
1,2-Dichloropropane	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
1,4-Dichlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
2-Butanone	BRL	100		ug/L	308507	1	01/06/2021 22:38	OM
2-Hexanone	BRL	50		ug/L	308507	1	01/06/2021 22:38	OM
4-Methyl-2-pentanone	BRL	50		ug/L	308507	1	01/06/2021 22:38	OM
Acetone	BRL	100		ug/L	308507	1	01/06/2021 22:38	OM
Acrylonitrile	BRL	50		ug/L	308507	1	01/06/2021 22:38	OM
Benzene	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
Bromochloromethane	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
Bromodichloromethane	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
Bromoform	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
Bromomethane	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
Carbon disulfide	BRL	5.0		ug/L	308507	1	01/06/2021 22:38	OM
Carbon tetrachloride	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
Chlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
Chloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
Chloroform	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
Chloromethane	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
Dibromochloromethane	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
Dibromomethane	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
Ethylbenzene	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
Iodomethane	BRL	100		ug/L	308507	1	01/06/2021 22:38	OM
Methylene chloride	BRL	5.0		ug/L	308507	1	01/06/2021 22:38	OM
Styrene	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
Tetrachloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
Toluene	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	308507	1	01/06/2021 22:38	OM
Trichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 22:38	OM
Trichlorofluoromethane	BRL	10		ug/L	308507	1	01/06/2021 22:38	OM
Vinyl acetate	BRL	100		ug/L	308507	1	01/06/2021 22:38	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-6
Project Name: Forsyth Eagle Point MOU Assistance	Collection Date: 1/5/2021 9:59:00 AM
Lab ID: 2101262-001	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	308507	1	01/06/2021 22:38	OM
Xylenes, Total	BRL	5.0		ug/L	308507	1	01/06/2021 22:38	OM
Surr: 4-Bromofluorobenzene	100	74.9-127		%REC	308507	1	01/06/2021 22:38	OM
Surr: Dibromofluoromethane	97.6	78.9-121		%REC	308507	1	01/06/2021 22:38	OM
Surr: Toluene-d8	98.9	81.5-120		%REC	308507	1	01/06/2021 22:38	OM
APPENDIX I METALS SW6020B					(SW3005A)			
Antimony	BRL	0.00600		mg/L	308410	1	01/08/2021 19:57	AS
Arsenic	BRL	0.0100		mg/L	308410	1	01/08/2021 19:57	AS
Barium	0.0670	0.0200		mg/L	308410	1	01/08/2021 19:57	AS
Beryllium	BRL	0.00300		mg/L	308410	1	01/08/2021 19:57	AS
Cadmium	BRL	0.00500		mg/L	308410	1	01/08/2021 19:57	AS
Chromium	BRL	0.0100		mg/L	308410	1	01/08/2021 19:57	AS
Cobalt	BRL	0.0400		mg/L	308410	1	01/08/2021 19:57	AS
Copper	BRL	0.0200		mg/L	308410	1	01/08/2021 19:57	AS
Lead	BRL	0.0150		mg/L	308410	1	01/08/2021 19:57	AS
Nickel	BRL	0.0200		mg/L	308410	1	01/08/2021 19:57	AS
Selenium	BRL	0.0100		mg/L	308410	1	01/08/2021 19:57	AS
Silver	BRL	0.0100		mg/L	308410	1	01/08/2021 19:57	AS
Thallium	BRL	0.00200		mg/L	308410	1	01/08/2021 19:57	AS
Vanadium	BRL	0.0200		mg/L	308410	1	01/08/2021 19:57	AS
Zinc	BRL	0.0200		mg/L	308410	1	01/08/2021 19:57	AS

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.
Project Name: Forsyth Eagle Point MOU Assistance
Lab ID: 2101262-002

Client Sample ID: GWC-9
Collection Date: 1/5/2021 10:44:00 AM
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	308507	1	01/06/2021 23:02	OM
1,1,1-Trichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
1,1,2-Trichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
1,1-Dichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
1,1-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
1,2,3-Trichloropropane	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	308507	1	01/06/2021 23:02	OM
1,2-Dibromoethane	BRL	1.0		ug/L	308507	1	01/06/2021 23:02	OM
1,2-Dichlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
1,2-Dichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
1,2-Dichloropropane	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
1,4-Dichlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
2-Butanone	BRL	100		ug/L	308507	1	01/06/2021 23:02	OM
2-Hexanone	BRL	50		ug/L	308507	1	01/06/2021 23:02	OM
4-Methyl-2-pentanone	BRL	50		ug/L	308507	1	01/06/2021 23:02	OM
Acetone	BRL	100		ug/L	308507	1	01/06/2021 23:02	OM
Acrylonitrile	BRL	50		ug/L	308507	1	01/06/2021 23:02	OM
Benzene	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
Bromochloromethane	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
Bromodichloromethane	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
Bromoform	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
Bromomethane	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
Carbon disulfide	BRL	5.0		ug/L	308507	1	01/06/2021 23:02	OM
Carbon tetrachloride	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
Chlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
Chloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
Chloroform	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
Chloromethane	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
Dibromochloromethane	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
Dibromomethane	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
Ethylbenzene	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
Iodomethane	BRL	100		ug/L	308507	1	01/06/2021 23:02	OM
Methylene chloride	BRL	5.0		ug/L	308507	1	01/06/2021 23:02	OM
Styrene	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
Tetrachloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
Toluene	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	308507	1	01/06/2021 23:02	OM
Trichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 23:02	OM
Trichlorofluoromethane	BRL	10		ug/L	308507	1	01/06/2021 23:02	OM
Vinyl acetate	BRL	100		ug/L	308507	1	01/06/2021 23:02	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 Eagle Point MOU Assistance	Collection Date: 1/5/2021 10:44:00 AM
Lab ID: 2101262-002	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	308507	1	01/06/2021 23:02	OM
Xylenes, Total	BRL	5.0		ug/L	308507	1	01/06/2021 23:02	OM
Surr: 4-Bromofluorobenzene	98.9	74.9-127		%REC	308507	1	01/06/2021 23:02	OM
Surr: Dibromofluoromethane	102	78.9-121		%REC	308507	1	01/06/2021 23:02	OM
Surr: Toluene-d8	100	81.5-120		%REC	308507	1	01/06/2021 23:02	OM
APPENDIX I METALS SW6020B					(SW3005A)			
Antimony	BRL	0.00600		mg/L	308410	1	01/08/2021 20:29	AS
Arsenic	BRL	0.0100		mg/L	308410	1	01/08/2021 20:29	AS
Barium	0.363	0.0200		mg/L	308410	1	01/08/2021 20:29	AS
Beryllium	BRL	0.00300		mg/L	308410	1	01/08/2021 20:29	AS
Cadmium	BRL	0.00500		mg/L	308410	1	01/08/2021 20:29	AS
Chromium	BRL	0.0100		mg/L	308410	1	01/08/2021 20:29	AS
Cobalt	0.148	0.0400		mg/L	308410	1	01/08/2021 20:29	AS
Copper	BRL	0.0200		mg/L	308410	1	01/08/2021 20:29	AS
Lead	BRL	0.0150		mg/L	308410	1	01/08/2021 20:29	AS
Nickel	BRL	0.0200		mg/L	308410	1	01/08/2021 20:29	AS
Selenium	0.0126	0.0100		mg/L	308410	1	01/08/2021 20:29	AS
Silver	BRL	0.0100		mg/L	308410	1	01/08/2021 20:29	AS
Thallium	BRL	0.00200		mg/L	308410	1	01/08/2021 20:29	AS
Vanadium	BRL	0.0200		mg/L	308410	1	01/08/2021 20:29	AS
Zinc	0.0964	0.0200		mg/L	308410	1	01/08/2021 20:29	AS

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.
Project Name: Forsyth Eagle Point MOU Assistance
Lab ID: 2101262-003

Client Sample ID: GWC-12R
Collection Date: 1/5/2021 11:31:00 AM
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	308507	1	01/06/2021 23:52	OM
1,1,1-Trichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
1,1,2-Trichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
1,1-Dichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
1,1-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
1,2,3-Trichloropropane	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	308507	1	01/06/2021 23:52	OM
1,2-Dibromoethane	BRL	1.0		ug/L	308507	1	01/06/2021 23:52	OM
1,2-Dichlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
1,2-Dichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
1,2-Dichloropropane	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
1,4-Dichlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
2-Butanone	BRL	100		ug/L	308507	1	01/06/2021 23:52	OM
2-Hexanone	BRL	50		ug/L	308507	1	01/06/2021 23:52	OM
4-Methyl-2-pentanone	BRL	50		ug/L	308507	1	01/06/2021 23:52	OM
Acetone	BRL	100		ug/L	308507	1	01/06/2021 23:52	OM
Acrylonitrile	BRL	50		ug/L	308507	1	01/06/2021 23:52	OM
Benzene	2.6	2.0		ug/L	308507	1	01/06/2021 23:52	OM
Bromochloromethane	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
Bromodichloromethane	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
Bromoform	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
Bromomethane	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
Carbon disulfide	BRL	5.0		ug/L	308507	1	01/06/2021 23:52	OM
Carbon tetrachloride	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
Chlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
Chloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
Chloroform	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
Chloromethane	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
Dibromochloromethane	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
Dibromomethane	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
Ethylbenzene	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
Iodomethane	BRL	100		ug/L	308507	1	01/06/2021 23:52	OM
Methylene chloride	BRL	5.0		ug/L	308507	1	01/06/2021 23:52	OM
Styrene	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
Tetrachloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
Toluene	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	308507	1	01/06/2021 23:52	OM
Trichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 23:52	OM
Trichlorofluoromethane	BRL	10		ug/L	308507	1	01/06/2021 23:52	OM
Vinyl acetate	BRL	100		ug/L	308507	1	01/06/2021 23:52	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-12R
Project Name: Forsyth Eagle Point MOU Assistance	Collection Date: 1/5/2021 11:31:00 AM
Lab ID: 2101262-003	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	308507	1	01/06/2021 23:52	OM
Xylenes, Total	BRL	5.0		ug/L	308507	1	01/06/2021 23:52	OM
Surr: 4-Bromofluorobenzene	101	74.9-127		%REC	308507	1	01/06/2021 23:52	OM
Surr: Dibromofluoromethane	99.9	78.9-121		%REC	308507	1	01/06/2021 23:52	OM
Surr: Toluene-d8	100	81.5-120		%REC	308507	1	01/06/2021 23:52	OM
APPENDIX I METALS SW6020B					(SW3005A)			
Antimony	BRL	0.00600		mg/L	308410	1	01/08/2021 20:33	AS
Arsenic	BRL	0.0100		mg/L	308410	1	01/08/2021 20:33	AS
Barium	0.0864	0.0200		mg/L	308410	1	01/08/2021 20:33	AS
Beryllium	BRL	0.00300		mg/L	308410	1	01/08/2021 20:33	AS
Cadmium	BRL	0.00500		mg/L	308410	1	01/08/2021 20:33	AS
Chromium	BRL	0.0100		mg/L	308410	1	01/08/2021 20:33	AS
Cobalt	0.0940	0.0400		mg/L	308410	1	01/08/2021 20:33	AS
Copper	BRL	0.0200		mg/L	308410	1	01/08/2021 20:33	AS
Lead	BRL	0.0150		mg/L	308410	1	01/08/2021 20:33	AS
Nickel	0.0202	0.0200		mg/L	308410	1	01/08/2021 20:33	AS
Selenium	BRL	0.0100		mg/L	308410	1	01/08/2021 20:33	AS
Silver	BRL	0.0100		mg/L	308410	1	01/08/2021 20:33	AS
Thallium	BRL	0.00200		mg/L	308410	1	01/08/2021 20:33	AS
Vanadium	BRL	0.0200		mg/L	308410	1	01/08/2021 20:33	AS
Zinc	BRL	0.0200		mg/L	308410	1	01/08/2021 20:33	AS

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.
Project Name: Forsyth Eagle Point MOU Assistance
Lab ID: 2101262-004

Client Sample ID: SWC-5
Collection Date: 1/5/2021 11:53:00 AM
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	308507	1	01/07/2021 00:16	OM
1,1,1-Trichloroethane	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
1,1,2-Trichloroethane	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
1,1-Dichloroethane	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
1,1-Dichloroethene	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
1,2,3-Trichloropropane	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	308507	1	01/07/2021 00:16	OM
1,2-Dibromoethane	BRL	1.0		ug/L	308507	1	01/07/2021 00:16	OM
1,2-Dichlorobenzene	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
1,2-Dichloroethane	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
1,2-Dichloropropane	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
1,4-Dichlorobenzene	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
2-Butanone	BRL	100		ug/L	308507	1	01/07/2021 00:16	OM
2-Hexanone	BRL	50		ug/L	308507	1	01/07/2021 00:16	OM
4-Methyl-2-pentanone	BRL	50		ug/L	308507	1	01/07/2021 00:16	OM
Acetone	BRL	100		ug/L	308507	1	01/07/2021 00:16	OM
Acrylonitrile	BRL	50		ug/L	308507	1	01/07/2021 00:16	OM
Benzene	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
Bromochloromethane	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
Bromodichloromethane	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
Bromoform	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
Bromomethane	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
Carbon disulfide	BRL	5.0		ug/L	308507	1	01/07/2021 00:16	OM
Carbon tetrachloride	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
Chlorobenzene	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
Chloroethane	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
Chloroform	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
Chloromethane	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
Dibromochloromethane	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
Dibromomethane	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
Ethylbenzene	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
Iodomethane	BRL	100		ug/L	308507	1	01/07/2021 00:16	OM
Methylene chloride	BRL	5.0		ug/L	308507	1	01/07/2021 00:16	OM
Styrene	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
Tetrachloroethene	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
Toluene	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	308507	1	01/07/2021 00:16	OM
Trichloroethene	BRL	2.0		ug/L	308507	1	01/07/2021 00:16	OM
Trichlorofluoromethane	BRL	10		ug/L	308507	1	01/07/2021 00:16	OM
Vinyl acetate	BRL	100		ug/L	308507	1	01/07/2021 00:16	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 Eagle Point MOU Assistance	Collection Date: 1/5/2021 11:53:00 AM
Lab ID: 2101262-004	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	308507	1	01/07/2021 00:16	OM
Xylenes, Total	BRL	5.0		ug/L	308507	1	01/07/2021 00:16	OM
Surr: 4-Bromofluorobenzene	99.5	74.9-127		%REC	308507	1	01/07/2021 00:16	OM
Surr: Dibromofluoromethane	97.9	78.9-121		%REC	308507	1	01/07/2021 00:16	OM
Surr: Toluene-d8	101	81.5-120		%REC	308507	1	01/07/2021 00:16	OM
APPENDIX I METALS SW6020B					(SW3005A)			
Antimony	BRL	0.00600		mg/L	308410	1	01/08/2021 20:36	AS
Arsenic	0.0388	0.0100		mg/L	308410	1	01/08/2021 20:36	AS
Barium	0.0416	0.0200		mg/L	308410	1	01/08/2021 20:36	AS
Beryllium	BRL	0.00300		mg/L	308410	1	01/08/2021 20:36	AS
Cadmium	BRL	0.00500		mg/L	308410	1	01/08/2021 20:36	AS
Chromium	BRL	0.0100		mg/L	308410	1	01/08/2021 20:36	AS
Cobalt	BRL	0.0400		mg/L	308410	1	01/08/2021 20:36	AS
Copper	BRL	0.0200		mg/L	308410	1	01/08/2021 20:36	AS
Lead	BRL	0.0150		mg/L	308410	1	01/08/2021 20:36	AS
Nickel	BRL	0.0200		mg/L	308410	1	01/08/2021 20:36	AS
Selenium	BRL	0.0100		mg/L	308410	1	01/08/2021 20:36	AS
Silver	BRL	0.0100		mg/L	308410	1	01/08/2021 20:36	AS
Thallium	BRL	0.00200		mg/L	308410	1	01/08/2021 20:36	AS
Vanadium	BRL	0.0200		mg/L	308410	1	01/08/2021 20:36	AS
Zinc	BRL	0.0200		mg/L	308410	1	01/08/2021 20:36	AS

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-9
Project Name: Forsyth Eagle Point MOU Assistance	Collection Date: 1/5/2021 12:28:00 PM
Lab ID: 2101262-005	Matrix: Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Organic Carbon (TOC) by SM5310B								
Organic Carbon, Total	BRL	1.00		mg/L	R443729	1	01/07/2021 09:50	GK
Total Cyanide (SM4500 CN-C, E) (SM4500-CN-E)								
Cyanide, Total	BRL	0.010		mg/L	308510	1	01/08/2021 13:51	CB
METALS, DISSOLVED SW6010D (SW3005A)								
Arsenic	BRL	0.0500		mg/L	308408	1	01/12/2021 13:07	KB
Barium	BRL	0.0200		mg/L	308408	1	01/12/2021 13:07	KB
Cadmium	BRL	0.0050		mg/L	308408	1	01/12/2021 13:07	KB
Chromium	BRL	0.0100		mg/L	308408	1	01/12/2021 13:07	KB
Lead	BRL	0.0100		mg/L	308408	1	01/12/2021 13:07	KB
Nickel	BRL	0.0200		mg/L	308408	1	01/12/2021 13:07	KB
Silver	BRL	0.0100		mg/L	308408	1	01/12/2021 13:07	KB
Zinc	BRL	0.0200		mg/L	308408	1	01/12/2021 13:07	KB
Mercury, Total SW7470A (SW7470A)								
Mercury	BRL	0.00050		mg/L	308444	1	01/07/2021 15:12	SK
Inorganic Anions by IC E300.0								
Chloride	4.18	0.500		mg/L	R444094	1	01/07/2021 23:17	IP
Chemical Oxygen Demand (COD) E410.4								
Chemical Oxygen Demand	BRL	10.0		mg/L	R443688	1	01/06/2021 18:45	SK
METALS, TOTAL SW6010D (SW3010A)								
Selenium	BRL	0.0400		mg/L	308423	1	01/08/2021 11:02	JM

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 Eagle Point MOU Assistance	Collection Date: 1/5/2021
Lab ID: 2101262-006	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	308507	1	01/06/2021 21:48	OM
1,1,1-Trichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
1,1,2-Trichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
1,1-Dichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
1,1-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
1,2,3-Trichloropropane	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	308507	1	01/06/2021 21:48	OM
1,2-Dibromoethane	BRL	1.0		ug/L	308507	1	01/06/2021 21:48	OM
1,2-Dichlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
1,2-Dichloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
1,2-Dichloropropane	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
1,4-Dichlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
2-Butanone	BRL	100		ug/L	308507	1	01/06/2021 21:48	OM
2-Hexanone	BRL	50		ug/L	308507	1	01/06/2021 21:48	OM
4-Methyl-2-pentanone	BRL	50		ug/L	308507	1	01/06/2021 21:48	OM
Acetone	BRL	100		ug/L	308507	1	01/06/2021 21:48	OM
Acrylonitrile	BRL	50		ug/L	308507	1	01/06/2021 21:48	OM
Benzene	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
Bromochloromethane	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
Bromodichloromethane	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
Bromoform	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
Bromomethane	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
Carbon disulfide	BRL	5.0		ug/L	308507	1	01/06/2021 21:48	OM
Carbon tetrachloride	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
Chlorobenzene	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
Chloroethane	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
Chloroform	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
Chloromethane	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
Dibromochloromethane	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
Dibromomethane	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
Ethylbenzene	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
Iodomethane	BRL	100		ug/L	308507	1	01/06/2021 21:48	OM
Methylene chloride	BRL	5.0		ug/L	308507	1	01/06/2021 21:48	OM
Styrene	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
Tetrachloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
Toluene	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	308507	1	01/06/2021 21:48	OM
Trichloroethene	BRL	2.0		ug/L	308507	1	01/06/2021 21:48	OM
Trichlorofluoromethane	BRL	10		ug/L	308507	1	01/06/2021 21:48	OM
Vinyl acetate	BRL	100		ug/L	308507	1	01/06/2021 21:48	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 Eagle Point MOU Assistance	Collection Date: 1/5/2021
Lab ID: 2101262-006	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	308507	1	01/06/2021 21:48	OM
Xylenes, Total	BRL	5.0		ug/L	308507	1	01/06/2021 21:48	OM
Surr: 4-Bromofluorobenzene	99.5	74.9-127		%REC	308507	1	01/06/2021 21:48	OM
Surr: Dibromofluoromethane	102	78.9-121		%REC	308507	1	01/06/2021 21:48	OM
Surr: Toluene-d8	101	81.5-120		%REC	308507	1	01/06/2021 21:48	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

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: Atlantic Coast Consulting, Inc.

AES Work Order Number: 2101262

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 type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
5. Custody seals intact on shipping container?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
6. Temperature blanks present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Cooling initiated for recently collected samples / ice present <input type="checkbox"/>	
8. Chain of Custody (COC) present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
9. Chain of Custody signed, dated, and timed when relinquished and received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
10. Sampler name and/or signature on COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
11. Were all samples received within holding time?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
12. 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. <input type="checkbox"/>	

13. Cooler 1 Temperature 2.1 °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
 14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). BH 1/5/21

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
17. Custody seals present on sample containers?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
18. Custody seals intact on sample containers?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
19. 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"/>	
20. Are analyses requested indicated on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
21. 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"/>	
22. Was the sample collection date/time noted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
23. Did we receive sufficient sample volume for indicated analyses?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
24. Were samples received in appropriate containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
25. Were VOA samples received without headspace (< 1/4" bubble)?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
26. 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"/>	

27. Comments: _____

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

I certify that I have completed sections 16-27 (dated initials). BH 1/5/21

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
29. Containers meet preservation guidelines?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
30. 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 28-30 (dated initials). BH 1/5/21

Client: Atlantic Coast Consulting, Inc.
 Project Name: Forsyth Eagle Point MOU Assisstance
 Lab Order: 2101262

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2101262-001A	GWC-6	1/5/2021 9:59:00AM	Groundwater	APPENDIX I VOLATILE ORGANICS		1/6/2021 6:32:00PM	01/06/2021
2101262-001B	GWC-6	1/5/2021 9:59:00AM	Groundwater	APPENDIX I METALS		1/7/2021 11:33:00AM	01/08/2021
2101262-002A	GWC-9	1/5/2021 10:44:00AM	Groundwater	APPENDIX I VOLATILE ORGANICS		1/6/2021 6:32:00PM	01/06/2021
2101262-002B	GWC-9	1/5/2021 10:44:00AM	Groundwater	APPENDIX I METALS		1/7/2021 11:33:00AM	01/08/2021
2101262-003A	GWC-12R	1/5/2021 11:31:00AM	Groundwater	APPENDIX I VOLATILE ORGANICS		1/6/2021 6:32:00PM	01/06/2021
2101262-003B	GWC-12R	1/5/2021 11:31:00AM	Groundwater	APPENDIX I METALS		1/7/2021 11:33:00AM	01/08/2021
2101262-004A	SWC-5	1/5/2021 11:53:00AM	Surface Water	APPENDIX I VOLATILE ORGANICS		1/6/2021 6:32:00PM	01/07/2021
2101262-004B	SWC-5	1/5/2021 11:53:00AM	Surface Water	APPENDIX I METALS		1/7/2021 11:33:00AM	01/08/2021
2101262-005A	SWC-9	1/5/2021 12:28:00PM	Surface Water	Chemical Oxygen Demand (COD)			01/06/2021
2101262-005B	SWC-9	1/5/2021 12:28:00PM	Surface Water	DISSOLVED METALS BY ICP		1/6/2021 12:39:00PM	01/12/2021
2101262-005C	SWC-9	1/5/2021 12:28:00PM	Surface Water	TOTAL METALS BY ICP		1/6/2021 4:42:00PM	01/08/2021
2101262-005C	SWC-9	1/5/2021 12:28:00PM	Surface Water	TOTAL MERCURY		1/7/2021 10:27:00AM	01/07/2021
2101262-005D	SWC-9	1/5/2021 12:28:00PM	Surface Water	Total Organic Carbon by SM5310B			01/07/2021
2101262-005E	SWC-9	1/5/2021 12:28:00PM	Surface Water	Total Cyanide		1/8/2021 10:05:00AM	01/08/2021
2101262-005F	SWC-9	1/5/2021 12:28:00PM	Surface Water	Inorganic Anions by IC			01/07/2021
2101262-006A	TRIP BLANK	1/5/2021 12:00:00AM	Aqueous	APPENDIX I VOLATILE ORGANICS		1/6/2021 6:32:00PM	01/06/2021

Client: Atlantic Coast Consulting, Inc.
Project Name: Forsyth Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308408

Sample ID: MB-308408	Client ID:	Units: mg/L	Prep Date: 01/06/2021	Run No: 444088							
SampleType: MBLK	TestCode: METALS, DISSOLVED SW6010D	BatchID: 308408	Analysis Date: 01/12/2021	Seq No: 10124106							
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-308408	Client ID:	Units: mg/L	Prep Date: 01/06/2021	Run No: 444088							
SampleType: LCS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 308408	Analysis Date: 01/12/2021	Seq No: 10124107							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.050	0.0500	1.000		105	80	120				
Barium	1.004	0.0200	1.000		100	80	120				
Cadmium	1.035	0.0050	1.000		103	80	120				
Chromium	0.9774	0.0100	1.000		97.7	80	120				
Lead	1.012	0.0100	1.000		101	80	120				
Nickel	1.012	0.0200	1.000		101	80	120				
Silver	0.1013	0.0100	0.1000		101	80	120				
Zinc	1.044	0.0200	1.000		104	80	120				

Sample ID: 2101262-005BMS	Client ID: SWC-9	Units: mg/L	Prep Date: 01/06/2021	Run No: 444088							
SampleType: MS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 308408	Analysis Date: 01/12/2021	Seq No: 10124109							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.058	0.0500	1.000		106	75	125				
Barium	1.010	0.0200	1.000	0.01117	99.9	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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308408

Sample ID: 2101262-005BMS	Client ID: SWC-9	Units: mg/L	Prep Date: 01/06/2021	Run No: 444088							
SampleType: MS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 308408	Analysis Date: 01/12/2021	Seq No: 10124109							
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	0.9795	0.0100	1.000		97.9	75	125				
Lead	1.010	0.0100	1.000		101	75	125				
Nickel	0.9482	0.0200	1.000		94.8	75	125				
Silver	0.1007	0.0100	0.1000		101	75	125				
Zinc	1.044	0.0200	1.000		104	75	125				

Sample ID: 2101262-005BMSD	Client ID: SWC-9	Units: mg/L	Prep Date: 01/06/2021	Run No: 444088							
SampleType: MSD	TestCode: METALS, DISSOLVED SW6010D	BatchID: 308408	Analysis Date: 01/12/2021	Seq No: 10124110							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.057	0.0500	1.000		106	75	125	1.058	0.054	20	
Barium	1.009	0.0200	1.000	0.01117	99.8	75	125	1.010	0.131	20	
Cadmium	1.028	0.0050	1.000		103	75	125	1.030	0.150	20	
Chromium	0.9781	0.0100	1.000		97.8	75	125	0.9795	0.142	20	
Lead	1.005	0.0100	1.000		101	75	125	1.010	0.510	20	
Nickel	0.9537	0.0200	1.000		95.4	75	125	0.9482	0.588	20	
Silver	0.1009	0.0100	0.1000		101	75	125	0.1007	0.208	20	
Zinc	1.039	0.0200	1.000		104	75	125	1.044	0.434	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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308410

Sample ID: MB-308410	Client ID:	Units: mg/L	Prep Date: 01/07/2021	Run No: 443916							
SampleType: MBLK	TestCode: APPENDIX I METALS SW6020B	BatchID: 308410	Analysis Date: 01/08/2021	Seq No: 10119705							
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									
Beryllium	BRL	0.00300									
Cadmium	BRL	0.00500									
Chromium	BRL	0.0100									
Cobalt	BRL	0.0400									
Copper	BRL	0.0200									
Lead	BRL	0.0150									
Nickel	BRL	0.0200									
Selenium	BRL	0.0100									
Silver	BRL	0.0100									
Thallium	BRL	0.00200									
Vanadium	BRL	0.0200									
Zinc	BRL	0.0200									

Sample ID: LCS-308410	Client ID:	Units: mg/L	Prep Date: 01/07/2021	Run No: 443916							
SampleType: LCS	TestCode: APPENDIX I METALS SW6020B	BatchID: 308410	Analysis Date: 01/08/2021	Seq No: 10119707							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Antimony	0.09675	0.00600	0.1000		96.7	80	120				
Arsenic	0.1049	0.0100	0.1000		105	80	120				
Barium	0.09711	0.0200	0.1000		97.1	80	120				
Beryllium	0.09363	0.00400	0.1000		93.6	80	120				
Cadmium	0.1004	0.00500	0.1000		100	80	120				
Chromium	0.1128	0.0200	0.1000		113	80	120				
Cobalt	0.1110	0.0500	0.1000		111	80	120				
Copper	0.1045	0.0200	0.1000		104	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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308410

Sample ID: LCS-308410	Client ID:	Units: mg/L	Prep Date: 01/07/2021	Run No: 443916							
SampleType: LCS	TestCode: APPENDIX I METALS SW6020B	BatchID: 308410	Analysis Date: 01/08/2021	Seq No: 10119707							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	0.1081	0.0100	0.1000		108	80	120				
Nickel	0.1124	0.0400	0.1000		112	80	120				
Selenium	0.1032	0.0500	0.1000		103	80	120				
Silver	0.01067	0.00500	0.0100		107	80	120				
Thallium	0.1130	0.00200	0.1000		113	80	120				
Vanadium	0.1093	0.0500	0.1000		109	80	120				
Zinc	0.1008	0.0200	0.1000		101	80	120				

Sample ID: 2101262-001BMS	Client ID: GWC-6	Units: mg/L	Prep Date: 01/07/2021	Run No: 443916							
SampleType: MS	TestCode: APPENDIX I METALS SW6020B	BatchID: 308410	Analysis Date: 01/08/2021	Seq No: 10119711							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Antimony	0.09542	0.00600	0.1000		95.4	75	125				
Arsenic	0.1075	0.0100	0.1000		107	75	125				
Barium	0.1638	0.0200	0.1000	0.06703	96.7	75	125				
Beryllium	0.09490	0.00400	0.1000		94.9	75	125				
Cadmium	0.1008	0.00500	0.1000		101	75	125				
Chromium	0.1136	0.0200	0.1000		114	75	125				
Cobalt	0.1134	0.0500	0.1000	0.001133	112	75	125				
Copper	0.09862	0.0200	0.1000		98.6	75	125				
Lead	0.1058	0.0100	0.1000		106	75	125				
Nickel	0.1142	0.0400	0.1000	0.0009433	113	75	125				
Selenium	0.1050	0.0500	0.1000		105	75	125				
Silver	0.01096	0.00500	0.0100		110	75	125				
Thallium	0.1173	0.00200	0.1000	0.0004126	117	75	125				
Vanadium	0.1114	0.0500	0.1000		111	75	125				
Zinc	0.1099	0.0200	0.1000	0.01200	97.9	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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308410

Sample ID: 2101262-001BMSD	Client ID: GWC-6	Units: mg/L	Prep Date: 01/07/2021	Run No: 443916
SampleType: MSD	TestCode: APPENDIX I METALS SW6020B	BatchID: 308410	Analysis Date: 01/08/2021	Seq No: 10119713

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Antimony	0.09754	0.00600	0.1000		97.5	75	125	0.09542	2.20	20	
Arsenic	0.1050	0.0100	0.1000		105	75	125	0.1075	2.28	20	
Barium	0.1624	0.0200	0.1000	0.06703	95.4	75	125	0.1638	0.835	20	
Beryllium	0.09648	0.00400	0.1000		96.5	75	125	0.09490	1.65	20	
Cadmium	0.09612	0.00500	0.1000		96.1	75	125	0.1008	4.77	20	
Chromium	0.1125	0.0200	0.1000		112	75	125	0.1136	0.999	20	
Cobalt	0.1106	0.0500	0.1000	0.001133	110	75	125	0.1134	2.47	20	
Copper	0.09843	0.0200	0.1000		98.4	75	125	0.09862	0.191	20	
Lead	0.1061	0.0100	0.1000		106	75	125	0.1058	0.313	20	
Nickel	0.1093	0.0400	0.1000	0.0009433	108	75	125	0.1142	4.35	20	
Selenium	0.09940	0.0500	0.1000		99.4	75	125	0.1050	5.50	20	
Silver	0.01077	0.00500	0.0100		108	75	125	0.01096	1.73	20	
Thallium	0.1146	0.00200	0.1000	0.0004126	114	75	125	0.1173	2.34	20	
Vanadium	0.1087	0.0500	0.1000		109	75	125	0.1114	2.44	20	
Zinc	0.1109	0.0200	0.1000	0.01200	98.9	75	125	0.1099	0.956	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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308423

Sample ID: MB-308423	Client ID:	Units: mg/L	Prep Date: 01/06/2021	Run No: 443827							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 308423	Analysis Date: 01/08/2021	Seq No: 10116583							
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-308423	Client ID:	Units: mg/L	Prep Date: 01/06/2021	Run No: 443827							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 308423	Analysis Date: 01/08/2021	Seq No: 10116584							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Selenium 1.008 0.0200 1.000 101 80 120

Sample ID: 2101090-001AMS	Client ID:	Units: mg/L	Prep Date: 01/06/2021	Run No: 443827							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 308423	Analysis Date: 01/08/2021	Seq No: 10116586							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Selenium 1.005 0.0200 1.000 0.009950 99.5 75 125

Sample ID: 2101090-001AMSD	Client ID:	Units: mg/L	Prep Date: 01/06/2021	Run No: 443827							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 308423	Analysis Date: 01/08/2021	Seq No: 10116587							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Selenium 1.016 0.0200 1.000 0.009950 101 75 125 1.005 1.12 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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308444

Sample ID: MB-308444	Client ID:	Units: mg/L	Prep Date: 01/07/2021	Run No: 443766							
SampleType: MBLK	TestCode: Mercury, Total SW7470A	BatchID: 308444	Analysis Date: 01/07/2021	Seq No: 10115799							
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-308444	Client ID:	Units: mg/L	Prep Date: 01/07/2021	Run No: 443766							
SampleType: LCS	TestCode: Mercury, Total SW7470A	BatchID: 308444	Analysis Date: 01/07/2021	Seq No: 10115800							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003772 0.00020 0.0040 94.3 80 120

Sample ID: 2101007-001FMS	Client ID:	Units: mg/L	Prep Date: 01/07/2021	Run No: 443766							
SampleType: MS	TestCode: Mercury, Total SW7470A	BatchID: 308444	Analysis Date: 01/07/2021	Seq No: 10115803							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003911 0.00020 0.0040 0.00009900 95.3 75 125

Sample ID: 2101007-001FMSD	Client ID:	Units: mg/L	Prep Date: 01/07/2021	Run No: 443766							
SampleType: MSD	TestCode: Mercury, Total SW7470A	BatchID: 308444	Analysis Date: 01/07/2021	Seq No: 10115805							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003958 0.00020 0.0040 0.00009900 96.5 75 125 0.003911 1.19 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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308507

Sample ID: MB-308507	Client ID:	Units: ug/L	Prep Date: 01/06/2021	Run No: 443804							
SampleType: MBLK	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 308507	Analysis Date: 01/06/2021	Seq No: 10116210							
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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308507

Sample ID: MB-308507	Client ID:	Units: ug/L	Prep Date: 01/06/2021	Run No: 443804							
SampleType: MBLK	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 308507	Analysis Date: 01/06/2021	Seq No: 10116210							
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	49.38	0	50.00		98.8	74.9	127				
Surr: Dibromofluoromethane	49.89	0	50.00		99.8	78.9	121				
Surr: Toluene-d8	49.46	0	50.00		98.9	81.5	120				

Sample ID: LCS-308507	Client ID:	Units: ug/L	Prep Date: 01/06/2021	Run No: 443804							
SampleType: LCS	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 308507	Analysis Date: 01/06/2021	Seq No: 10116211							
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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308507

Sample ID: LCS-308507	Client ID:	Units: ug/L	Prep Date: 01/06/2021	Run No: 443804							
SampleType: LCS	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 308507	Analysis Date: 01/06/2021	Seq No: 10116211							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	18.44	5.0	20.00		92.2	69.2	141				
Benzene	19.10	5.0	20.00		95.5	72.3	126				
Chlorobenzene	18.76	5.0	20.00		93.8	73.3	135				
Toluene	19.06	5.0	20.00		95.3	70.5	128				
Trichloroethene	19.38	5.0	20.00		96.9	70.3	133				
Surr: 4-Bromofluorobenzene	50.39	0	50.00		101	74.9	127				
Surr: Dibromofluoromethane	50.09	0	50.00		100	78.9	121				
Surr: Toluene-d8	50.96	0	50.00		102	81.5	120				

Sample ID: 2101262-002AMS	Client ID: GWC-9	Units: ug/L	Prep Date: 01/06/2021	Run No: 443804							
SampleType: MS	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 308507	Analysis Date: 01/07/2021	Seq No: 10116324							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	22.59	5.0	20.00		113	63.8	146				
Benzene	23.52	5.0	20.00	1.210	112	70.2	137				
Chlorobenzene	21.50	5.0	20.00		108	72.7	141				
Toluene	21.77	5.0	20.00		109	67	141				
Trichloroethene	23.79	5.0	20.00		119	69.3	141				
Surr: 4-Bromofluorobenzene	50.58	0	50.00		101	74.9	127				
Surr: Dibromofluoromethane	51.34	0	50.00		103	78.9	121				
Surr: Toluene-d8	49.79	0	50.00		99.6	81.5	120				

Sample ID: 2101262-002AMSD	Client ID: GWC-9	Units: ug/L	Prep Date: 01/06/2021	Run No: 443804							
SampleType: MSD	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 308507	Analysis Date: 01/07/2021	Seq No: 10116325							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	22.41	5.0	20.00		112	63.8	146	22.59	0.800	20.8	
Benzene	23.16	5.0	20.00	1.210	110	70.2	137	23.52	1.54	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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308507

Sample ID: 2101262-002AMSD	Client ID: GWC-9	Units: ug/L	Prep Date: 01/06/2021	Run No: 443804
SampleType: MSD	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 308507	Analysis Date: 01/07/2021	Seq No: 10116325

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	20.96	5.0	20.00		105	72.7	141	21.50	2.54	20	
Toluene	21.91	5.0	20.00		110	67	141	21.77	0.641	20	
Trichloroethene	22.61	5.0	20.00		113	69.3	141	23.79	5.09	17.9	
Surr: 4-Bromofluorobenzene	49.26	0	50.00		98.5	74.9	127	50.58	0	0	
Surr: Dibromofluoromethane	50.65	0	50.00		101	78.9	121	51.34	0	0	
Surr: Toluene-d8	50.22	0	50.00		100	81.5	120	49.79	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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: 308510

Sample ID: MB-308510	Client ID:	Units: mg/L	Prep Date: 01/08/2021	Run No: 443880							
SampleType: MBLK	TestCode: Total Cyanide (SM4500 CN-C, E)	BatchID: 308510	Analysis Date: 01/08/2021	Seq No: 10118800							
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-308510	Client ID:	Units: mg/L	Prep Date: 01/08/2021	Run No: 443880							
SampleType: LCS	TestCode: Total Cyanide (SM4500 CN-C, E)	BatchID: 308510	Analysis Date: 01/08/2021	Seq No: 10118801							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total

0.09200 0.010 0.1000 92.0 85 115

Sample ID: 2101171-001EMS	Client ID:	Units: mg/L	Prep Date: 01/08/2021	Run No: 443880							
SampleType: MS	TestCode: Total Cyanide (SM4500 CN-C, E)	BatchID: 308510	Analysis Date: 01/08/2021	Seq No: 10118803							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total

0.08500 0.010 0.1000 85.0 90 110 S

Sample ID: 2101521-001AMS	Client ID:	Units: mg/L	Prep Date: 01/08/2021	Run No: 443880							
SampleType: MS	TestCode: Total Cyanide (SM4500 CN-C, E)	BatchID: 308510	Analysis Date: 01/08/2021	Seq No: 10118827							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total

0.06500 0.010 0.1000 65.0 90 110 S

Sample ID: 2101171-001EMSD	Client ID:	Units: mg/L	Prep Date: 01/08/2021	Run No: 443880							
SampleType: MSD	TestCode: Total Cyanide (SM4500 CN-C, E)	BatchID: 308510	Analysis Date: 01/08/2021	Seq No: 10118804							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total

0.08800 0.010 0.1000 88.0 90 110 0.08500 3.47 20 S

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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: R443688

Sample ID: MB-R443688	Client ID:	Units: mg/L	Prep Date:	Run No: 443688							
SampleType: MBLK	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R443688	Analysis Date: 01/06/2021	Seq No: 10116085							
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-R443688	Client ID:	Units: mg/L	Prep Date:	Run No: 443688							
SampleType: LCS	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R443688	Analysis Date: 01/06/2021	Seq No: 10116086							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand 495.5 10.0 500.0 99.1 90 110

Sample ID: 2101245-002BMS	Client ID:	Units: mg/L	Prep Date:	Run No: 443688							
SampleType: MS	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R443688	Analysis Date: 01/06/2021	Seq No: 10116101							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand 366.7 12.5 375.0 97.8 90 110

Sample ID: 2101262-005AMS	Client ID: SWC-9	Units: mg/L	Prep Date:	Run No: 443688							
SampleType: MS	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R443688	Analysis Date: 01/06/2021	Seq No: 10116088							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand 375.2 12.5 375.0 100 90 110

Sample ID: 2101262-005AMSD	Client ID: SWC-9	Units: mg/L	Prep Date:	Run No: 443688							
SampleType: MSD	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R443688	Analysis Date: 01/06/2021	Seq No: 10116089							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand 361.0 12.5 375.0 96.3 90 110 375.2 3.86 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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: R443729

Sample ID: MB-R443729	Client ID:	Units: mg/L	Prep Date:	Run No: 443729							
SampleType: MBLK	TestCode: Total Organic Carbon (TOC) by SM5310B	BatchID: R443729	Analysis Date: 01/07/2021	Seq No: 10114843							
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-R443729	Client ID:	Units: mg/L	Prep Date:	Run No: 443729							
SampleType: LCS	TestCode: Total Organic Carbon (TOC) by SM5310B	BatchID: R443729	Analysis Date: 01/07/2021	Seq No: 10114841							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Organic Carbon, Total

24.95 1.00 25.00 99.8 90 110

Sample ID: 2101262-005DMS	Client ID: SWC-9	Units: mg/L	Prep Date:	Run No: 443729							
SampleType: MS	TestCode: Total Organic Carbon (TOC) by SM5310B	BatchID: R443729	Analysis Date: 01/07/2021	Seq No: 10114853							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Organic Carbon, Total

26.48 1.00 25.00 0.6575 103 80 120

Sample ID: 2101262-005DMSD	Client ID: SWC-9	Units: mg/L	Prep Date:	Run No: 443729							
SampleType: MSD	TestCode: Total Organic Carbon (TOC) by SM5310B	BatchID: R443729	Analysis Date: 01/07/2021	Seq No: 10114854							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Organic Carbon, Total

26.48 1.00 25.00 0.6575 103 80 120 26.48 0 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 Eagle Point MOU Assistance
Workorder: 2101262

ANALYTICAL QC SUMMARY REPORT

BatchID: R444094

Sample ID: MB-R444094	Client ID:	Units: mg/L	Prep Date:	Run No: 444094							
SampleType: MBLK	TestCode: Inorganic Anions by IC E300.0	BatchID: R444094	Analysis Date: 01/07/2021	Seq No: 10124434							
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-R444094	Client ID:	Units: mg/L	Prep Date:	Run No: 444094							
SampleType: LCS	TestCode: Inorganic Anions by IC E300.0	BatchID: R444094	Analysis Date: 01/07/2021	Seq No: 10124433							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride 10.26 1.00 10.00 103 90 110

Sample ID: 2101184-003AMS	Client ID:	Units: mg/L	Prep Date:	Run No: 444094							
SampleType: MS	TestCode: Inorganic Anions by IC E300.0	BatchID: R444094	Analysis Date: 01/08/2021	Seq No: 10124463							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride 13.24 1.00 10.00 5.408 78.3 90 110 S

Sample ID: 2101262-005FMS	Client ID: SWC-9	Units: mg/L	Prep Date:	Run No: 444094							
SampleType: MS	TestCode: Inorganic Anions by IC E300.0	BatchID: R444094	Analysis Date: 01/08/2021	Seq No: 10124460							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride 12.26 1.00 10.00 4.184 80.8 90 110 S

Sample ID: 2101262-005FMSD	Client ID: SWC-9	Units: mg/L	Prep Date:	Run No: 444094							
SampleType: MSD	TestCode: Inorganic Anions by IC E300.0	BatchID: R444094	Analysis Date: 01/08/2021	Seq No: 10124462							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride 11.87 1.00 10.00 4.184 76.9 90 110 12.26 3.22 20 S

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