



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

May 13, 2020

Transmitted via FedEx
Tracking: 770450628353

Mr. Samuel B. Buckles
Environmental Scientist Manager
Forsyth County Recycling & Solid Waste Department
1950 Sharon Road
Cumming, Georgia 30041

RE: Eagle Point Landfill Quality Assurance Sampling – First 2020 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 first 2020 sampling event for the purpose of quality assurance (QA) of sampling procedures and collection of QA split samples for Forsyth County comparison. The event occurred the week of January 6th, 2020. ACC's field representative, environmental scientist Chris Parker, was present to complete QA activities on January 6th. He met with the Advance Disposal Services (ADS) subcontracted sampling team, Environmental Monitoring Services, LLC (EMS) and observed the sampling being performed at the site and obtained QA split samples. The QA split sampling included a subset of wells and surface water/underdrain sample points that included: 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. Parker joined the EMS team member responsible for sampling the above locations. The field purging and/or water quality parameter data generated by ADS's representatives 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 ADS's sampling representatives, as observed by ACC.

- A plastic bag was placed at each well sampled, to place equipment on top of and prevent equipment from coming into contact with the ground.
- 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. In addition, a turbidity reading equal to or less than 10 nephelometric turbidity unit (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 (the “straw method” was utilized by turning off the peristaltic pump, pulling the tubing out of the well, and reversing the flow of the pump so that volatile organic compounds were filled with water already in the tubing).
- 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.
- Sample containers were submitted for analyses, with ACC’s QA split samples being submitted to Analytical Environmental Services, Inc. (AES) by ACC and Eagle Point Landfill’s samples being 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 in 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 equal to or 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). Metals analysis were collected at relatively low sample turbidities of 10 NTU at surface water point SWC-9 and 8 NTU at underdrain sample point SWC-5 (see Table 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 metals (arsenic, barium, cadmium, chromium, lead, mercury, nickel, selenium, silver, and zinc), 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 were detections of barium, chloride and COD 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.

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

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 are provided in Table 5 and a summary of field water quality readings is summarized in Table 1. The laboratory results indicate that there were detections of barium, cobalt, and/or zinc in the groundwater samples, as well as detections of benzene and cis-1,2-dichloroethene 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. The National Secondary Drinking Water Standard was utilized for comparison of the zinc concentration on Table 5.

Summary and Recommendations

Based on ACC's observations, the field sampling procedures utilized by EMS followed general industry standards for well purging, sample collection and sample handling for groundwater, surface water, and underdrain sample collection. The analytical results provided by the QA laboratory AES met quality control standards and are provided for Forsyth County comparison to ADS 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 Eagle Point Landfill to determine if the observed sampling event is compliant with applicable permit requirements.

Based on the results of this QA sampling event, 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 2020.

Sincerely,

ATLANTIC COAST CONSULTING, INC.



Charles B. Adams, P.G.
Project Manager

cc: Mr. Garrin Coleman, P.E., Forsyth County
ACC File

TABLES



Table 1
Summary of Final Water Quality Parameter Readings
Eagle Point Landfill Forsyth County, Georgia
January 2020 Sampling Event

Well ID	pH (S.U.)	Specific Conductance (μS/cm)	Temperature ($^{\circ}$C)	Turbidity (NTU)
GWC-6	5.46	79	17.9	1
GWC-9	4.21	341	17.9	1
GWC-12R	5.63	465	16.7	10

Notes: Groundwater samples collected January 6, 2020.

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 2020 Sampling Event

Location	Chloride (mg/L)	COD (mg/L)	Barium (mg/L)
SWC-9	1.90	13.7	0.0152

Location	pH (S.U.)	Specific Conductance (μ S/cm)	Temperature ($^{\circ}$ C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
SWC-9	6.76	32	12.2	10	12.8

Notes: Surface water sampled January 6, 2020.

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

$^{\circ}$ C = Degrees Celsius
 NTU = Nephelometric Turbidity Units
 TOC = Total Organic Carbon

Table 3
Summary of Underdrain Detections & Field Parameters
Eagle Point Landfill Forsyth County, Georgia
January 2020 Sampling Event

Location	Arsenic (mg/L)	Barium (mg/L)
SWC-5	0.0414	0.0439

Location	pH (S.U.)	Specific Conductance (μ S/cm)	Temperature ($^{\circ}$ C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
SWC-5	5.99	207	21.3	8	NS

Notes: Underdrain sampled January 6, 2020.

A dash (-) = below laboratory reporting limit

Acronyms: $^{\circ}$ C = Degrees Celsius

mg/L = milligrams per liter

μ S/cm = microSiemens/cm

NTU = Nephelometric Turbidity Units

NS = not sampled/not required

S.U. = Standard Units

Table 4
Summary of Laboratory Analysis and Sample Method
Eagle Point Landfill Forsyth County, Georgia
January 2020 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	Metals, Chloride, COD, TOC, Cyanide	Grab
SWC-5	Appendix I	Grab

Notes: Samples collected January 6, 2020.

Appendix I = 40 Code of Federal Regulations 258 list

Surface water metals include: As, Ba, Cd, Cr, Hg, Pb, Ni, Se, Ag, Zn

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 2020 Sampling Event

Well ID	Benzene (µg/L)	cis-1,2- Dichloroethene (µg/L)	Barium (mg/L)	Cobalt (mg/L)	Zinc (mg/L)
GWC-6	--	--	0.0669	--	--
GWC-9	--	--	0.359	0.146	0.0977
GWC-12R	2.4	2.2	0.0718	0.0814	--
MCL	5	70	2	NE	5**

Notes: Samples collected January 6, 2020.

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 NE = not established

mg/L = milligrams per liter NS = not sampled/not required

µg/L = micrograms per liter

ATTACHMENTS



ATTACHMENT A
Field Sampling Logs





Groundwater Sampling Log

Job Name: Eagle Point Landfill Well No. : BWC-6

Sampling Date: 1/6/20 Well Depth (Ft BTOC): 37.54

Sampled By: N. Walker (Ems) / CP Well Dia. (in) 2" 4"

Water Level (Ft BTOC): 25.27 Casing Type: PVC Steel

Standing Water Column (H): 12.27 Flush Mount: YES NO

Standing Well Volume (gal): 1.96 Purging Device: Batter Per Pump

Purge Volume Removed: 1.5 Sampling Material: Teflon

LIZL = 0

Time	PTW Volume Purged (Gall)	Field Parameters						Remarks	
		pH (S.U.)	Spec. Cond. (µS/cm)	Temp. (°C)	Turbidity (NTU)	DO	ORP		
Stability Range		± 0.1	± 3%	± 1°C	± 10%			Rate	Vol
0930	25.44	5.51	87	17.7	3	2.11	301	280	1.6
0934	25.44	5.52	83	17.8	2	1.68	360	280	1.9
0938	}	5.50	81	17.8	1	1.50	437	}	1.2
0942		5.49	79	17.8	1	1.39	509		1.5
0946		5.46	79	17.9	1	1.32	544		1.8
Final Sample Parameters									
TIME	DATE	pH (S.U.)	Spec. Cond. (µS/cm)	Temp. (°C)	Turbidity (NTU)	DO	ORP	Remarks	
0946	1/6/20	5.46	79	17.9	1	1.32	544		

Sample Appearance: clear

Color: None

Odor: None

Comments: _____

Metals settling (if needed) _____

Date / Time: NA

Final NTU: _____

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)



Groundwater Sampling Log

Job Name: Eagle Point Landfill Well No. : BWL-9

Sampling Date: 1/6/2020 Well Depth (Ft BTOC): 24.35

Sampled By: N. Walker-EM/af Well Dia. (in) 2" 4"

Water Level (Ft BTOC): 16.58 Casing Type: PVC Steel

Standing Water Column (H): 7.77 Flush Mount: YES NO

Standing Well Volume (gal): 1.24 Purging Device: Booster Per. Pump

Purge Volume Removed: 1.60 Sampling Material: Teflon

CEL = 0

Time	DTW Volume Purged (Gal)	Field Parameters						Remarks	
		pH (S.U.)	Spec. Cond. (µS/cm)	Temp. (°C)	Turbidity (NTU)	DO	ORP	Rate	Vol (gal)
Stability Range		± 0.1	± 3%	± 1°C	± 10%				
1029	16.96	4.25	345	17.7	3	1.59	380	290	.46
1033	16.96	4.23	346	17.8	1	1.21	377	290	.77
1037	16.96	4.22	344	17.7	2	0.90	374	}	1.08
1041	↓	4.22	343	17.8	1	0.86	372		1.39
1045		4.21	341	17.9	1	0.94	371		1.60
Final Sample Parameters									
TIME	DATE	pH (S.U.)	Spec. Cond. (µS/cm)	Temp. (°C)	Turbidity (NTU)			Remarks	
1045	1/6/2020	4.21	341	17.9	1	0.94	371		

Sample Appearance: Clear Metals settling (if needed): _____

Color: None Date / Time: NA

Odor: None Final NTU: _____

Comments: _____

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)



Groundwater Sampling Log

Job Name: Eagle Point Landfill Well No. : GWC-12R

Sampling Date: 1/6/2020 Well Depth (Ft BTOC): 29.79

Sampled By: Nick Walker EMS/PA Well Dia. (in) 2" 4"

Water Level (Ft BTOC): 8.40 Casing Type: PVC Steel

Standing Water Column (H): 21.39 Flush Mount: YES NO

Standing Well Volume (gal): 3.42 Purging Device: Bailer Peri Pump

Purge Volume Removed: 2.6 Sampling Material: Teflon

BEL = 0

Time	PTW Volume Purged (Gal)	Field Parameters						DO	ORP	(ml/min) Rate	Remarks (Gal) VOL
		pH (S.U.)	Spec. Cond. (µS/cm)	Temp. (°C)	Turbidity (NTU)	Stability Range					
		± 0.1	± 3%	± 1°C	± 10%						
1132	8.95	5.57	468	16.3	140	1.55	203	280		1.5	
1136	8.95	5.62	468	16.6	53	0.80	184	280		1.8	
1140	8.95	5.62	468	16.6	44	0.66	181	280		1.1	
1144	8.95	5.64	467	16.7	38	0.49	175			1.4	
1148		5.64	467	16.7	24	0.42	172			1.7	
1152		5.64	466	16.7	15	0.39	170			2.0	
1156		5.64	466	16.8	12	0.37	169			2.3	
1200		5.63	465	16.7	10	0.35	167			2.6	
Final Sample Parameters											
TIME	DATE	pH (S.U.)	Spec. Cond. (µS/cm)	Temp. (°C)	Turbidity (NTU)					Remarks	
1200	1/6/2020	5.63	465	16.7	10	0.35	167				

Sample Appearance: Clear Metals settling (if needed): _____

Color: None Date / Time: _____

Odor: slight Final NTU: NA

Comments: _____

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
Groundwater Sampling Log

Job Name: Eagle Point Landfill

ID: SWC-5
Well No.: _____

Sampling Date: 1/6/2020

Well Depth (Ft BTOC): _____

Sampled By: _____

Well Dia. (in) 2" 4"

Water Level (Ft BTOC): _____

Casing Type: PVC Steel

Standing Water Column (H): _____

Flush Mount: YES NO

Standing Well Volume (gal): _____

Purging Device: Bailer

Purge Volume Removed: _____

Sampling Material: Teflon

		Field Parameters						
Time	Volume Purged (Gal)	pH (S.U.)	Spec. Cond. (µS/cm)	Temp. (°C)	Turbidity (NTU)			Remarks
<i>Stability Range</i>		± 0.1	± 3%	± 1°C	± 10%			
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
<i>NA</i>								
Final Sample Parameters								
TIME	DATE	pH (S.U.)	Spec. Cond. (µS/cm)	Temp. (°C)	Turbidity (NTU)			Remarks
1238	1/6/20	5.99	207	21.3	8			

Sample Appearance: clear

Color: None

Odor: None

Comments: DUP Here

(Clear / No odor)

Metals settling (if needed): _____

Date / Time: _____

Final NTU: NA

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 Groundwater Sampling Log

Job Name: Eagle Point Landfill

ID: SWC-9
Well No. : _____

Sampling Date: 1/6/20

Well Depth (Ft BTOC): _____

Sampled By: _____

Well Dia. (in) 2" 4"

Water Level (Ft BTOC) NA

Casing Type: PVC Steel

Standing Water Column (H) _____

Flush Mount: YES NO

Standing Well Volume (gal) _____

Purging Device: Bailer

Purge Volume Removed: _____

Sampling Material: Teflon

		Field Parameters						Remarks
Time	Volume Purged (Gal)	pH (S.U.)	Spec. Cond. (µS/cm)	Temp. (°C)	Turbidity (NTU)			
<i>Stability Range</i>		± 0.1	± 3%	± 1°C	± 10%			
Final Sample Parameters								
TIME	DATE	pH (S.U.)	Spec. Cond. (µS/cm)	Temp. (°C)	Turbidity (NTU)	DO		Remarks
<u>1330</u>	<u>1/6/20</u>	<u>6.76</u>	<u>32</u>	<u>12.2</u>	<u>10</u>	<u>12.8</u>		

Sample Appearance: clear

Metals setting (if needed) _____

Color: None

Date / Time: NA

Odor: None

Final NTU: NA

Comments: _____

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 10, 2020

Charles Adams
Atlantic Coast Consulting, Inc.

1150 Northmeadow Pkwy
Roswell GA 30076

RE: Eagle Point LF

Dear Charles Adams:

Order No: 2001333

Analytical Environmental Services, Inc. received 7 samples on 1/6/2020 3:25:00 PM
for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated
Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the
analyses contained herein will be noted and submitted in the form of a project Case Narrative.

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
07/01/19-06/30/20.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective
through 06/30/20 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.

-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 Northmeadows Pkwy #120 Roswell GA 30076</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:					<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">App. 1 Vol</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">App. 1 Metals</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">CI-</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">COD</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">CN-</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">TOC</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">SW Metals</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>													App. 1 Vol	App. 1 Metals	CI-	COD	CN-	TOC	SW Metals								
App. 1 Vol	App. 1 Metals	CI-	COD	CN-	TOC	SW Metals																												
SAMPLED BY: <u>C. Parker, N. Walker</u>		SIGNATURE: <u>[Signature]</u>					PRESERVATION (see codes)										REMARKS																	
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)	H	N	I	S	O	V	Z																					
1	<u>GW-6</u>	<u>1/6/20</u>	<u>0946</u>	<u>✓</u>		<u>GW</u>	<u>2</u>	<u>1</u>										<u>3</u>																
2	<u>GW-9</u>	<u>1/6/20</u>	<u>1045</u>	<u>✓</u>		<u>GW</u>	<u>2</u>	<u>1</u>										<u>3</u>																
3	<u>GW-12R</u>	<u>1/6/20</u>	<u>1200</u>	<u>✓</u>		<u>GW</u>	<u>2</u>	<u>1</u>										<u>3</u>																
4	<u>SW-5</u>	<u>1/6/20</u>	<u>1238</u>	<u>✓</u>		<u>SW</u>	<u>2</u>	<u>1</u>										<u>3</u>																
5	<u>SW-9</u>	<u>1/6/20</u>	<u>1330</u>	<u>✓</u>		<u>SW</u>			<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>1</u>					<u>6</u>																
6	<u>DUP</u>	<u>1/6/20</u>	<u>—</u>	<u>✓</u>		<u>—</u>	<u>2</u>	<u>1</u>										<u>3</u>																
7	<u>Trip Blank</u>	<u>—</u>	<u>—</u>	<u>✓</u>		<u>W</u>	<u>2</u>											<u>2</u>																
8																																		
9																																		
10																																		
11																																		
12																																		
13																																		
14																																		

RELINQUISHED BY: <u>[Signature]</u> DATE/TIME: <u>1/6/20/1525</u>		RECEIVED BY: <u>[Signature]</u> DATE/TIME: <u>1/6/20 1525</u>		PROJECT INFORMATION				RECEIPT	
1.		1.		PROJECT NAME: <u>Eagle Point LF</u>				Total # of Containers	
2.		2.		PROJECT #: _____				Turnaround Time (TAT) Request	
3.		3.		SITE ADDRESS: <u>6A</u>				<input 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 _____	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		SEND REPORT TO: <u>Charles Adams - collector</u>				STATE PROGRAM (if any): _____	
		OUT: / / VIA: IN: / / VIA: <input checked="" type="radio"/> Client <input type="radio"/> FedEx <input type="radio"/> UPS <input type="radio"/> US mail <input type="radio"/> courier other: _____		INVOICE TO (IF DIFFERENT FROM ABOVE): _____				E-mail? <input type="checkbox"/> Fax? <input type="checkbox"/>	
				QUOTE #: _____ PO#: _____				DATA PACKAGE: <input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/> O	

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

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: GWC-6
Project Name: Eagle Point LF	Collection Date: 1/6/2020 9:46:00 AM
Lab ID: 2001333-001	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	290703	1	01/07/2020 15:42	ZH
1,1,1-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
1,1,2-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
1,1-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
1,1-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
1,2,3-Trichloropropane	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	290703	1	01/07/2020 15:42	ZH
1,2-Dibromoethane	BRL	1.0		ug/L	290703	1	01/07/2020 15:42	ZH
1,2-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
1,2-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
1,2-Dichloropropane	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
1,4-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
2-Butanone	BRL	100		ug/L	290703	1	01/07/2020 15:42	ZH
2-Hexanone	BRL	50		ug/L	290703	1	01/07/2020 15:42	ZH
4-Methyl-2-pentanone	BRL	50		ug/L	290703	1	01/07/2020 15:42	ZH
Acetone	BRL	100		ug/L	290703	1	01/07/2020 15:42	ZH
Acrylonitrile	BRL	50		ug/L	290703	1	01/07/2020 15:42	ZH
Benzene	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
Bromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
Bromodichloromethane	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
Bromoform	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
Bromomethane	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
Carbon disulfide	BRL	5.0		ug/L	290703	1	01/07/2020 15:42	ZH
Carbon tetrachloride	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
Chlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
Chloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
Chloroform	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
Chloromethane	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
cis-1,2-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
cis-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
Dibromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
Dibromomethane	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
Ethylbenzene	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
Iodomethane	BRL	100		ug/L	290703	1	01/07/2020 15:42	ZH
Methylene chloride	BRL	5.0		ug/L	290703	1	01/07/2020 15:42	ZH
Styrene	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
Tetrachloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
Toluene	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
trans-1,2-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
trans-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: GWC-6
Project Name: Eagle Point LF	Collection Date: 1/6/2020 9:46:00 AM
Lab ID: 2001333-001	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D					(SW5030B)			
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	290703	1	01/07/2020 15:42	ZH
Trichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
Trichlorofluoromethane	BRL	10		ug/L	290703	1	01/07/2020 15:42	ZH
Vinyl acetate	BRL	100		ug/L	290703	1	01/07/2020 15:42	ZH
Vinyl chloride	BRL	2.0		ug/L	290703	1	01/07/2020 15:42	ZH
Xylenes, Total	BRL	5.0		ug/L	290703	1	01/07/2020 15:42	ZH
Surr: 4-Bromofluorobenzene	97.7	64-125		%REC	290703	1	01/07/2020 15:42	ZH
Surr: Dibromofluoromethane	100	76.4-125		%REC	290703	1	01/07/2020 15:42	ZH
Surr: Toluene-d8	99.3	78.3-116		%REC	290703	1	01/07/2020 15:42	ZH
APPENDIX I METALS SW6020B					(SW3005A)			
Antimony	BRL	0.00600		mg/L	290566	1	01/08/2020 18:09	DK
Arsenic	BRL	0.0100		mg/L	290566	1	01/08/2020 18:09	DK
Barium	0.0669	0.0200		mg/L	290566	1	01/08/2020 18:09	DK
Beryllium	BRL	0.00300		mg/L	290566	1	01/08/2020 18:09	DK
Cadmium	BRL	0.00500		mg/L	290566	1	01/08/2020 18:09	DK
Chromium	BRL	0.0100		mg/L	290566	1	01/08/2020 18:09	DK
Cobalt	BRL	0.0400		mg/L	290566	1	01/08/2020 18:09	DK
Copper	BRL	0.0200		mg/L	290566	1	01/08/2020 18:09	DK
Lead	BRL	0.0150		mg/L	290566	1	01/08/2020 18:09	DK
Nickel	BRL	0.0200		mg/L	290566	1	01/08/2020 18:09	DK
Selenium	BRL	0.0100		mg/L	290566	1	01/08/2020 18:09	DK
Silver	BRL	0.0100		mg/L	290566	1	01/08/2020 18:09	DK
Thallium	BRL	0.00200		mg/L	290566	1	01/08/2020 18:09	DK
Vanadium	BRL	0.0200		mg/L	290566	1	01/08/2020 18:09	DK
Zinc	BRL	0.0200		mg/L	290566	1	01/08/2020 18:09	DK

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: GWC-9
Project Name: Eagle Point LF	Collection Date: 1/6/2020 10:45:00 AM
Lab ID: 2001333-002	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	290703	1	01/07/2020 16:05	ZH
1,1,1-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
1,1,2-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
1,1-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
1,1-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
1,2,3-Trichloropropane	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	290703	1	01/07/2020 16:05	ZH
1,2-Dibromoethane	BRL	1.0		ug/L	290703	1	01/07/2020 16:05	ZH
1,2-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
1,2-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
1,2-Dichloropropane	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
1,4-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
2-Butanone	BRL	100		ug/L	290703	1	01/07/2020 16:05	ZH
2-Hexanone	BRL	50		ug/L	290703	1	01/07/2020 16:05	ZH
4-Methyl-2-pentanone	BRL	50		ug/L	290703	1	01/07/2020 16:05	ZH
Acetone	BRL	100		ug/L	290703	1	01/07/2020 16:05	ZH
Acrylonitrile	BRL	50		ug/L	290703	1	01/07/2020 16:05	ZH
Benzene	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
Bromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
Bromodichloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
Bromoform	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
Bromomethane	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
Carbon disulfide	BRL	5.0		ug/L	290703	1	01/07/2020 16:05	ZH
Carbon tetrachloride	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
Chlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
Chloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
Chloroform	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
Chloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
cis-1,2-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
cis-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
Dibromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
Dibromomethane	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
Ethylbenzene	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
Iodomethane	BRL	100		ug/L	290703	1	01/07/2020 16:05	ZH
Methylene chloride	BRL	5.0		ug/L	290703	1	01/07/2020 16:05	ZH
Styrene	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
Tetrachloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
Toluene	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
trans-1,2-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
trans-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: GWC-9
Project Name: Eagle Point LF	Collection Date: 1/6/2020 10:45:00 AM
Lab ID: 2001333-002	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D					(SW5030B)			
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	290703	1	01/07/2020 16:05	ZH
Trichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
Trichlorofluoromethane	BRL	10		ug/L	290703	1	01/07/2020 16:05	ZH
Vinyl acetate	BRL	100		ug/L	290703	1	01/07/2020 16:05	ZH
Vinyl chloride	BRL	2.0		ug/L	290703	1	01/07/2020 16:05	ZH
Xylenes, Total	BRL	5.0		ug/L	290703	1	01/07/2020 16:05	ZH
Surr: 4-Bromofluorobenzene	99	64-125		%REC	290703	1	01/07/2020 16:05	ZH
Surr: Dibromofluoromethane	102	76.4-125		%REC	290703	1	01/07/2020 16:05	ZH
Surr: Toluene-d8	103	78.3-116		%REC	290703	1	01/07/2020 16:05	ZH
APPENDIX I METALS SW6020B					(SW3005A)			
Antimony	BRL	0.00600		mg/L	290566	1	01/08/2020 18:53	DK
Arsenic	BRL	0.0100		mg/L	290566	1	01/08/2020 18:53	DK
Barium	0.359	0.0200		mg/L	290566	1	01/08/2020 18:53	DK
Beryllium	BRL	0.00300		mg/L	290566	1	01/08/2020 18:53	DK
Cadmium	BRL	0.00500		mg/L	290566	1	01/08/2020 18:53	DK
Chromium	BRL	0.0100		mg/L	290566	1	01/08/2020 18:53	DK
Cobalt	0.146	0.0400		mg/L	290566	1	01/08/2020 18:53	DK
Copper	BRL	0.0200		mg/L	290566	1	01/08/2020 18:53	DK
Lead	BRL	0.0150		mg/L	290566	1	01/08/2020 18:53	DK
Nickel	BRL	0.0200		mg/L	290566	1	01/08/2020 18:53	DK
Selenium	BRL	0.0100		mg/L	290566	1	01/08/2020 18:53	DK
Silver	BRL	0.0100		mg/L	290566	1	01/08/2020 18:53	DK
Thallium	BRL	0.00200		mg/L	290566	1	01/08/2020 18:53	DK
Vanadium	BRL	0.0200		mg/L	290566	1	01/08/2020 18:53	DK
Zinc	0.0977	0.0200		mg/L	290566	1	01/08/2020 18:53	DK

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.
Project Name: Eagle Point LF
Lab ID: 2001333-003

Client Sample ID: GWC-12R
Collection Date: 1/6/2020 12:00:00 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	290703	1	01/07/2020 16:27	ZH
1,1,1-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
1,1,2-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
1,1-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
1,1-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
1,2,3-Trichloropropane	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	290703	1	01/07/2020 16:27	ZH
1,2-Dibromoethane	BRL	1.0		ug/L	290703	1	01/07/2020 16:27	ZH
1,2-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
1,2-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
1,2-Dichloropropane	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
1,4-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
2-Butanone	BRL	100		ug/L	290703	1	01/07/2020 16:27	ZH
2-Hexanone	BRL	50		ug/L	290703	1	01/07/2020 16:27	ZH
4-Methyl-2-pentanone	BRL	50		ug/L	290703	1	01/07/2020 16:27	ZH
Acetone	BRL	100		ug/L	290703	1	01/07/2020 16:27	ZH
Acrylonitrile	BRL	50		ug/L	290703	1	01/07/2020 16:27	ZH
Benzene	2.4	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
Bromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
Bromodichloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
Bromoform	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
Bromomethane	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
Carbon disulfide	BRL	5.0		ug/L	290703	1	01/07/2020 16:27	ZH
Carbon tetrachloride	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
Chlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
Chloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
Chloroform	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
Chloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
cis-1,2-Dichloroethene	2.2	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
cis-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
Dibromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
Dibromomethane	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
Ethylbenzene	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
Iodomethane	BRL	100		ug/L	290703	1	01/07/2020 16:27	ZH
Methylene chloride	BRL	5.0		ug/L	290703	1	01/07/2020 16:27	ZH
Styrene	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
Tetrachloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
Toluene	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
trans-1,2-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
trans-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: GWC-12R
Project Name: Eagle Point LF	Collection Date: 1/6/2020 12:00:00 PM
Lab ID: 2001333-003	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D		(SW5030B)						
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	290703	1	01/07/2020 16:27	ZH
Trichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
Trichlorofluoromethane	BRL	10		ug/L	290703	1	01/07/2020 16:27	ZH
Vinyl acetate	BRL	100		ug/L	290703	1	01/07/2020 16:27	ZH
Vinyl chloride	BRL	2.0		ug/L	290703	1	01/07/2020 16:27	ZH
Xylenes, Total	BRL	5.0		ug/L	290703	1	01/07/2020 16:27	ZH
Surr: 4-Bromofluorobenzene	109	64-125		%REC	290703	1	01/07/2020 16:27	ZH
Surr: Dibromofluoromethane	111	76.4-125		%REC	290703	1	01/07/2020 16:27	ZH
Surr: Toluene-d8	97.6	78.3-116		%REC	290703	1	01/07/2020 16:27	ZH
APPENDIX I METALS SW6020B		(SW3005A)						
Antimony	BRL	0.00600		mg/L	290566	1	01/08/2020 18:56	DK
Arsenic	BRL	0.0100		mg/L	290566	1	01/08/2020 18:56	DK
Barium	0.0718	0.0200		mg/L	290566	1	01/08/2020 18:56	DK
Beryllium	BRL	0.00300		mg/L	290566	1	01/08/2020 18:56	DK
Cadmium	BRL	0.00500		mg/L	290566	1	01/08/2020 18:56	DK
Chromium	BRL	0.0100		mg/L	290566	1	01/08/2020 18:56	DK
Cobalt	0.0814	0.0400		mg/L	290566	1	01/08/2020 18:56	DK
Copper	BRL	0.0200		mg/L	290566	1	01/08/2020 18:56	DK
Lead	BRL	0.0150		mg/L	290566	1	01/08/2020 18:56	DK
Nickel	BRL	0.0200		mg/L	290566	1	01/08/2020 18:56	DK
Selenium	BRL	0.0100		mg/L	290566	1	01/08/2020 18:56	DK
Silver	BRL	0.0100		mg/L	290566	1	01/08/2020 18:56	DK
Thallium	BRL	0.00200		mg/L	290566	1	01/08/2020 18:56	DK
Vanadium	BRL	0.0200		mg/L	290566	1	01/08/2020 18:56	DK
Zinc	BRL	0.0200		mg/L	290566	1	01/08/2020 18:56	DK

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: SWC-5
Project Name: Eagle Point LF	Collection Date: 1/6/2020 12:38:00 PM
Lab ID: 2001333-004	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	290703	1	01/07/2020 16:50	ZH
1,1,1-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
1,1,2-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
1,1-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
1,1-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
1,2,3-Trichloropropane	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	290703	1	01/07/2020 16:50	ZH
1,2-Dibromoethane	BRL	1.0		ug/L	290703	1	01/07/2020 16:50	ZH
1,2-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
1,2-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
1,2-Dichloropropane	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
1,4-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
2-Butanone	BRL	100		ug/L	290703	1	01/07/2020 16:50	ZH
2-Hexanone	BRL	50		ug/L	290703	1	01/07/2020 16:50	ZH
4-Methyl-2-pentanone	BRL	50		ug/L	290703	1	01/07/2020 16:50	ZH
Acetone	BRL	100		ug/L	290703	1	01/07/2020 16:50	ZH
Acrylonitrile	BRL	50		ug/L	290703	1	01/07/2020 16:50	ZH
Benzene	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
Bromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
Bromodichloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
Bromoform	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
Bromomethane	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
Carbon disulfide	BRL	5.0		ug/L	290703	1	01/07/2020 16:50	ZH
Carbon tetrachloride	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
Chlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
Chloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
Chloroform	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
Chloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
cis-1,2-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
cis-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
Dibromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
Dibromomethane	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
Ethylbenzene	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
Iodomethane	BRL	100		ug/L	290703	1	01/07/2020 16:50	ZH
Methylene chloride	BRL	5.0		ug/L	290703	1	01/07/2020 16:50	ZH
Styrene	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
Tetrachloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
Toluene	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
trans-1,2-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
trans-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: SWC-5
Project Name: Eagle Point LF	Collection Date: 1/6/2020 12:38:00 PM
Lab ID: 2001333-004	Matrix: Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D					(SW5030B)			
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	290703	1	01/07/2020 16:50	ZH
Trichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
Trichlorofluoromethane	BRL	10		ug/L	290703	1	01/07/2020 16:50	ZH
Vinyl acetate	BRL	100		ug/L	290703	1	01/07/2020 16:50	ZH
Vinyl chloride	BRL	2.0		ug/L	290703	1	01/07/2020 16:50	ZH
Xylenes, Total	BRL	5.0		ug/L	290703	1	01/07/2020 16:50	ZH
Surr: 4-Bromofluorobenzene	99.1	64-125		%REC	290703	1	01/07/2020 16:50	ZH
Surr: Dibromofluoromethane	100	76.4-125		%REC	290703	1	01/07/2020 16:50	ZH
Surr: Toluene-d8	100	78.3-116		%REC	290703	1	01/07/2020 16:50	ZH
APPENDIX I METALS SW6020B					(SW3005A)			
Antimony	BRL	0.00600		mg/L	290566	1	01/08/2020 19:00	DK
Arsenic	0.0414	0.0100		mg/L	290566	1	01/08/2020 19:00	DK
Barium	0.0439	0.0200		mg/L	290566	1	01/08/2020 19:00	DK
Beryllium	BRL	0.00300		mg/L	290566	1	01/08/2020 19:00	DK
Cadmium	BRL	0.00500		mg/L	290566	1	01/08/2020 19:00	DK
Chromium	BRL	0.0100		mg/L	290566	1	01/08/2020 19:00	DK
Cobalt	BRL	0.0400		mg/L	290566	1	01/08/2020 19:00	DK
Copper	BRL	0.0200		mg/L	290566	1	01/08/2020 19:00	DK
Lead	BRL	0.0150		mg/L	290566	1	01/08/2020 19:00	DK
Nickel	BRL	0.0200		mg/L	290566	1	01/08/2020 19:00	DK
Selenium	BRL	0.0100		mg/L	290566	1	01/08/2020 19:00	DK
Silver	BRL	0.0100		mg/L	290566	1	01/08/2020 19:00	DK
Thallium	BRL	0.00200		mg/L	290566	1	01/08/2020 19:00	DK
Vanadium	BRL	0.0200		mg/L	290566	1	01/08/2020 19:00	DK
Zinc	BRL	0.0200		mg/L	290566	1	01/08/2020 19:00	DK

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: SWC-9
Project Name: Eagle Point LF	Collection Date: 1/6/2020 1:30:00 PM
Lab ID: 2001333-005	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	R415649	1	01/08/2020 13:51	SK
Total Cyanide (SM4500 CN-C, E) (SM4500-CN-E)								
Cyanide, Total	BRL	0.010		mg/L	290564	1	01/07/2020 14:47	AA
Mercury, Total SW7470A (SW7470A)								
Mercury	BRL	0.00050		mg/L	290742	1	01/09/2020 16:00	ME
Inorganic Anions by IC E300.0								
Chloride	1.90	0.500		mg/L	R415588	1	01/07/2020 13:29	AS
Chemical Oxygen Demand (COD) E410.4								
Chemical Oxygen Demand	13.7	10.0		mg/L	R415499	1	01/07/2020 14:00	EM
METALS, TOTAL SW6010D (SW3010A)								
Arsenic	BRL	0.0100		mg/L	290604	1	01/08/2020 14:09	AJ
Barium	0.0152	0.0100		mg/L	290604	1	01/08/2020 14:09	AJ
Cadmium	BRL	0.0100		mg/L	290604	1	01/08/2020 14:09	AJ
Chromium	BRL	0.0100		mg/L	290604	1	01/08/2020 14:09	AJ
Lead	BRL	0.0250		mg/L	290604	1	01/08/2020 14:09	AJ
Nickel	BRL	0.0400		mg/L	290604	1	01/08/2020 14:09	AJ
Selenium	BRL	0.0400		mg/L	290604	1	01/08/2020 14:09	AJ
Silver	BRL	0.0100		mg/L	290604	1	01/08/2020 14:09	AJ
Zinc	BRL	0.0200		mg/L	290604	1	01/08/2020 14:09	AJ

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.
Project Name: Eagle Point LF
Lab ID: 2001333-006

Client Sample ID: DUP
Collection Date: 1/6/2020
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	290703	1	01/07/2020 17:12	ZH
1,1,1-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
1,1,2-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
1,1-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
1,1-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
1,2,3-Trichloropropane	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	290703	1	01/07/2020 17:12	ZH
1,2-Dibromoethane	BRL	1.0		ug/L	290703	1	01/07/2020 17:12	ZH
1,2-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
1,2-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
1,2-Dichloropropane	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
1,4-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
2-Butanone	BRL	100		ug/L	290703	1	01/07/2020 17:12	ZH
2-Hexanone	BRL	50		ug/L	290703	1	01/07/2020 17:12	ZH
4-Methyl-2-pentanone	BRL	50		ug/L	290703	1	01/07/2020 17:12	ZH
Acetone	BRL	100		ug/L	290703	1	01/07/2020 17:12	ZH
Acrylonitrile	BRL	50		ug/L	290703	1	01/07/2020 17:12	ZH
Benzene	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
Bromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
Bromodichloromethane	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
Bromoform	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
Bromomethane	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
Carbon disulfide	BRL	5.0		ug/L	290703	1	01/07/2020 17:12	ZH
Carbon tetrachloride	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
Chlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
Chloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
Chloroform	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
Chloromethane	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
cis-1,2-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
cis-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
Dibromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
Dibromomethane	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
Ethylbenzene	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
Iodomethane	BRL	100		ug/L	290703	1	01/07/2020 17:12	ZH
Methylene chloride	BRL	5.0		ug/L	290703	1	01/07/2020 17:12	ZH
Styrene	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
Tetrachloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
Toluene	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
trans-1,2-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
trans-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: DUP
Project Name: Eagle Point LF	Collection Date: 1/6/2020
Lab ID: 2001333-006	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D				(SW5030B)				
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	290703	1	01/07/2020 17:12	ZH
Trichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
Trichlorofluoromethane	BRL	10		ug/L	290703	1	01/07/2020 17:12	ZH
Vinyl acetate	BRL	100		ug/L	290703	1	01/07/2020 17:12	ZH
Vinyl chloride	BRL	2.0		ug/L	290703	1	01/07/2020 17:12	ZH
Xylenes, Total	BRL	5.0		ug/L	290703	1	01/07/2020 17:12	ZH
Surr: 4-Bromofluorobenzene	99.8	64-125		%REC	290703	1	01/07/2020 17:12	ZH
Surr: Dibromofluoromethane	102	76.4-125		%REC	290703	1	01/07/2020 17:12	ZH
Surr: Toluene-d8	101	78.3-116		%REC	290703	1	01/07/2020 17:12	ZH
APPENDIX I METALS SW6020B				(SW3005A)				
Antimony	BRL	0.00600		mg/L	290566	1	01/08/2020 19:04	DK
Arsenic	0.0388	0.0100		mg/L	290566	1	01/08/2020 19:04	DK
Barium	0.0396	0.0200		mg/L	290566	1	01/08/2020 19:04	DK
Beryllium	BRL	0.00300		mg/L	290566	1	01/08/2020 19:04	DK
Cadmium	BRL	0.00500		mg/L	290566	1	01/08/2020 19:04	DK
Chromium	BRL	0.0100		mg/L	290566	1	01/08/2020 19:04	DK
Cobalt	BRL	0.0400		mg/L	290566	1	01/08/2020 19:04	DK
Copper	BRL	0.0200		mg/L	290566	1	01/08/2020 19:04	DK
Lead	BRL	0.0150		mg/L	290566	1	01/08/2020 19:04	DK
Nickel	BRL	0.0200		mg/L	290566	1	01/08/2020 19:04	DK
Selenium	BRL	0.0100		mg/L	290566	1	01/08/2020 19:04	DK
Silver	BRL	0.0100		mg/L	290566	1	01/08/2020 19:04	DK
Thallium	BRL	0.00200		mg/L	290566	1	01/08/2020 19:04	DK
Vanadium	BRL	0.0200		mg/L	290566	1	01/08/2020 19:04	DK
Zinc	BRL	0.0200		mg/L	290566	1	01/08/2020 19:04	DK

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.
Project Name: Eagle Point LF
Lab ID: 2001333-007

Client Sample ID: TRIP BLANK
Collection Date: 1/6/2020
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	290703	1	01/07/2020 15:20	ZH
1,1,1-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
1,1,2-Trichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
1,1-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
1,1-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
1,2,3-Trichloropropane	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	290703	1	01/07/2020 15:20	ZH
1,2-Dibromoethane	BRL	1.0		ug/L	290703	1	01/07/2020 15:20	ZH
1,2-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
1,2-Dichloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
1,2-Dichloropropane	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
1,4-Dichlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
2-Butanone	BRL	100		ug/L	290703	1	01/07/2020 15:20	ZH
2-Hexanone	BRL	50		ug/L	290703	1	01/07/2020 15:20	ZH
4-Methyl-2-pentanone	BRL	50		ug/L	290703	1	01/07/2020 15:20	ZH
Acetone	BRL	100		ug/L	290703	1	01/07/2020 15:20	ZH
Acrylonitrile	BRL	50		ug/L	290703	1	01/07/2020 15:20	ZH
Benzene	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
Bromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
Bromodichloromethane	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
Bromoform	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
Bromomethane	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
Carbon disulfide	BRL	5.0		ug/L	290703	1	01/07/2020 15:20	ZH
Carbon tetrachloride	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
Chlorobenzene	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
Chloroethane	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
Chloroform	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
Chloromethane	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
cis-1,2-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
cis-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
Dibromochloromethane	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
Dibromomethane	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
Ethylbenzene	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
Iodomethane	BRL	100		ug/L	290703	1	01/07/2020 15:20	ZH
Methylene chloride	BRL	5.0		ug/L	290703	1	01/07/2020 15:20	ZH
Styrene	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
Tetrachloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
Toluene	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
trans-1,2-Dichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
trans-1,3-Dichloropropene	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH

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
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Atlantic Coast Consulting, Inc.	Client Sample ID: TRIP BLANK
Project Name: Eagle Point LF	Collection Date: 1/6/2020
Lab ID: 2001333-007	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
APPENDIX I VOLATILE ORGANICS SW8260D (SW5030B)								
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	290703	1	01/07/2020 15:20	ZH
Trichloroethene	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
Trichlorofluoromethane	BRL	10		ug/L	290703	1	01/07/2020 15:20	ZH
Vinyl acetate	BRL	100		ug/L	290703	1	01/07/2020 15:20	ZH
Vinyl chloride	BRL	2.0		ug/L	290703	1	01/07/2020 15:20	ZH
Xylenes, Total	BRL	5.0		ug/L	290703	1	01/07/2020 15:20	ZH
Surr: 4-Bromofluorobenzene	98.2	64-125		%REC	290703	1	01/07/2020 15:20	ZH
Surr: Dibromofluoromethane	101	76.4-125		%REC	290703	1	01/07/2020 15:20	ZH
Surr: Toluene-d8	101	78.3-116		%REC	290703	1	01/07/2020 15:20	ZH

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	NC Not confirmed
	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: 2001333

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 1.1 °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). LM 1/6/20

	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: _____

I certify that I have completed sections 16-27 (dated initials). LM 1/6/20

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

	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.

I certify that I have completed sections 28-30 (dated initials). LM 1/6/20

Client: Atlantic Coast Consulting, Inc.
Project Name: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: 290564

Sample ID: MB-290564	Client ID:	Units: mg/L	Prep Date: 01/07/2020	Run No: 415524							
SampleType: MBLK	TestCode: Total Cyanide (SM4500 CN-C, E)	BatchID: 290564	Analysis Date: 01/07/2020	Seq No: 9373507							
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-290564	Client ID:	Units: mg/L	Prep Date: 01/07/2020	Run No: 415524							
SampleType: LCS	TestCode: Total Cyanide (SM4500 CN-C, E)	BatchID: 290564	Analysis Date: 01/07/2020	Seq No: 9373508							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total 0.09700 0.010 0.1000 97.0 85 115

Sample ID: 2001333-005CMS	Client ID: SWC-9	Units: mg/L	Prep Date: 01/07/2020	Run No: 415524							
SampleType: MS	TestCode: Total Cyanide (SM4500 CN-C, E)	BatchID: 290564	Analysis Date: 01/07/2020	Seq No: 9373510							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total 0.09700 0.010 0.1000 97.0 90 110

Sample ID: 2001333-005CMSD	Client ID: SWC-9	Units: mg/L	Prep Date: 01/07/2020	Run No: 415524							
SampleType: MSD	TestCode: Total Cyanide (SM4500 CN-C, E)	BatchID: 290564	Analysis Date: 01/07/2020	Seq No: 9373511							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyanide, Total 0.09700 0.010 0.1000 97.0 90 110 0.09700 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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: 290566

Sample ID: MB-290566	Client ID:	Units: mg/L	Prep Date: 01/07/2020	Run No: 415636							
SampleType: MBLK	TestCode: APPENDIX I METALS SW6020B	BatchID: 290566	Analysis Date: 01/08/2020	Seq No: 9376665							
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-290566	Client ID:	Units: mg/L	Prep Date: 01/07/2020	Run No: 415636							
SampleType: LCS	TestCode: APPENDIX I METALS SW6020B	BatchID: 290566	Analysis Date: 01/08/2020	Seq No: 9376666							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Antimony	0.1034	0.00600	0.1000		103	80	120				
Arsenic	0.1074	0.0100	0.1000		107	80	120				
Barium	0.1037	0.0200	0.1000		104	80	120				
Beryllium	0.1154	0.00400	0.1000		115	80	120				
Cadmium	0.1028	0.00500	0.1000		103	80	120				
Chromium	0.1145	0.0200	0.1000		115	80	120				
Cobalt	0.1175	0.0500	0.1000		118	80	120				
Copper	0.1186	0.0200	0.1000		119	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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: 290566

Sample ID: LCS-290566	Client ID:	Units: mg/L	Prep Date: 01/07/2020	Run No: 415636							
SampleType: LCS	TestCode: APPENDIX I METALS SW6020B	BatchID: 290566	Analysis Date: 01/08/2020	Seq No: 9376666							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	0.1148	0.0100	0.1000		115	80	120				
Nickel	0.1181	0.0400	0.1000		118	80	120				
Selenium	0.1017	0.0500	0.1000		102	80	120				
Silver	0.01159	0.00500	0.0100		116	80	120				
Thallium	0.1083	0.00200	0.1000		108	80	120				
Vanadium	0.1100	0.0500	0.1000		110	80	120				
Zinc	0.1042	0.0200	0.1000		104	80	120				

Sample ID: 2001333-001BMS	Client ID: GWC-6	Units: mg/L	Prep Date: 01/07/2020	Run No: 415636							
SampleType: MS	TestCode: APPENDIX I METALS SW6020B	BatchID: 290566	Analysis Date: 01/08/2020	Seq No: 9376668							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Antimony	0.1002	0.00600	0.1000	0.002356	97.8	75	125				
Arsenic	0.1043	0.0100	0.1000		104	75	125				
Barium	0.1632	0.0200	0.1000	0.06685	96.4	75	125				
Beryllium	0.1169	0.00400	0.1000		117	75	125				
Cadmium	0.09838	0.00500	0.1000	0.0001538	98.2	75	125				
Chromium	0.1132	0.0200	0.1000	0.001944	111	75	125				
Cobalt	0.1139	0.0500	0.1000	0.001213	113	75	125				
Copper	0.1163	0.0200	0.1000	0.003434	113	75	125				
Lead	0.1121	0.0100	0.1000		112	75	125				
Nickel	0.1142	0.0400	0.1000	0.001079	113	75	125				
Selenium	0.1006	0.0500	0.1000		101	75	125				
Silver	0.01177	0.00500	0.0100		118	75	125				
Thallium	0.1022	0.00200	0.1000	0.0006647	102	75	125				
Vanadium	0.1089	0.0500	0.1000		109	75	125				
Zinc	0.1126	0.0200	0.1000	0.01347	99.1	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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: 290566

Sample ID: 2001333-001BMSD	Client ID: GWC-6	Units: mg/L	Prep Date: 01/07/2020	Run No: 415636
SampleType: MSD	TestCode: APPENDIX I METALS SW6020B	BatchID: 290566	Analysis Date: 01/08/2020	Seq No: 9376669

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Antimony	0.1016	0.00600	0.1000	0.002356	99.3	75	125	0.1002	1.42	20	
Arsenic	0.1052	0.0100	0.1000		105	75	125	0.1043	0.894	20	
Barium	0.1673	0.0200	0.1000	0.06685	100	75	125	0.1632	2.49	20	
Beryllium	0.1171	0.00400	0.1000		117	75	125	0.1169	0.208	20	
Cadmium	0.09757	0.00500	0.1000	0.0001538	97.4	75	125	0.09838	0.830	20	
Chromium	0.1143	0.0200	0.1000	0.001944	112	75	125	0.1132	0.981	20	
Cobalt	0.1148	0.0500	0.1000	0.001213	114	75	125	0.1139	0.728	20	
Copper	0.1164	0.0200	0.1000	0.003434	113	75	125	0.1163	0.065	20	
Lead	0.1139	0.0100	0.1000		114	75	125	0.1121	1.57	20	
Nickel	0.1138	0.0400	0.1000	0.001079	113	75	125	0.1142	0.334	20	
Selenium	0.09898	0.0500	0.1000		99.0	75	125	0.1006	1.63	20	
Silver	0.01177	0.00500	0.0100		118	75	125	0.01177	0.048	20	
Thallium	0.1084	0.00200	0.1000	0.0006647	108	75	125	0.1022	5.85	20	
Vanadium	0.1095	0.0500	0.1000		110	75	125	0.1089	0.582	20	
Zinc	0.1111	0.0200	0.1000	0.01347	97.6	75	125	0.1126	1.35	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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: 290604

Sample ID: MB-290604	Client ID:	Units: mg/L	Prep Date: 01/07/2020	Run No: 415619							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 290604	Analysis Date: 01/08/2020	Seq No: 9375511							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

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

Sample ID: LCS-290604	Client ID:	Units: mg/L	Prep Date: 01/07/2020	Run No: 415619							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 290604	Analysis Date: 01/08/2020	Seq No: 9375512							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.051	0.0500	1.000		105	80	120				
Barium	1.039	0.0200	1.000		104	80	120				
Cadmium	1.032	0.0050	1.000		103	80	120				
Chromium	1.039	0.0100	1.000		104	80	120				
Lead	1.037	0.0100	1.000		104	80	120				
Nickel	1.040	0.0200	1.000		104	80	120				
Selenium	1.037	0.0200	1.000		104	80	120				
Silver	0.09697	0.0100	0.1000		97.0	80	120				
Zinc	1.020	0.0200	1.000		102	80	120				

Sample ID: 2001333-005EMS	Client ID: SWC-9	Units: mg/L	Prep Date: 01/07/2020	Run No: 415619							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 290604	Analysis Date: 01/08/2020	Seq No: 9375514							
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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: 290604

Sample ID: 2001333-005EMS	Client ID: SWC-9	Units: mg/L	Prep Date: 01/07/2020	Run No: 415619							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 290604	Analysis Date: 01/08/2020	Seq No: 9375514							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.062	0.0500	1.000		106	75	125				
Barium	1.080	0.0200	1.000	0.01521	106	75	125				
Cadmium	1.055	0.0050	1.000		105	75	125				
Chromium	1.063	0.0100	1.000		106	75	125				
Lead	1.054	0.0100	1.000		105	75	125				
Nickel	1.067	0.0200	1.000		107	75	125				
Selenium	1.056	0.0200	1.000		106	75	125				
Silver	0.09937	0.0100	0.1000		99.4	75	125				
Zinc	1.041	0.0200	1.000		104	75	125				

Sample ID: 2001333-005EMSD	Client ID: SWC-9	Units: mg/L	Prep Date: 01/07/2020	Run No: 415619							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 290604	Analysis Date: 01/08/2020	Seq No: 9375515							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.051	0.0500	1.000		105	75	125	1.062	1.00	20	
Barium	1.063	0.0200	1.000	0.01521	105	75	125	1.080	1.56	20	
Cadmium	1.040	0.0050	1.000		104	75	125	1.055	1.40	20	
Chromium	1.050	0.0100	1.000		105	75	125	1.063	1.27	20	
Lead	1.042	0.0100	1.000		104	75	125	1.054	1.14	20	
Nickel	1.052	0.0200	1.000		105	75	125	1.067	1.40	20	
Selenium	1.050	0.0200	1.000		105	75	125	1.056	0.598	20	
Silver	0.09751	0.0100	0.1000		97.5	75	125	0.09937	1.89	20	
Zinc	1.026	0.0200	1.000		103	75	125	1.041	1.38	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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: 290703

Sample ID: MB-290703	Client ID:	Units: ug/L	Prep Date: 01/07/2020	Run No: 415600							
SampleType: MBLK	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 290703	Analysis Date: 01/07/2020	Seq No: 9376294							
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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: 290703

Sample ID: MB-290703	Client ID:	Units: ug/L	Prep Date: 01/07/2020	Run No: 415600							
SampleType: MBLK	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 290703	Analysis Date: 01/07/2020	Seq No: 9376294							
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	48.75	0	50.00		97.5	64	125				
Surr: Dibromofluoromethane	50.47	0	50.00		101	76.4	125				
Surr: Toluene-d8	50.84	0	50.00		102	78.3	116				

Sample ID: LCS-290703	Client ID:	Units: ug/L	Prep Date: 01/07/2020	Run No: 415600							
SampleType: LCS	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 290703	Analysis Date: 01/07/2020	Seq No: 9376293							
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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: 290703

Sample ID: LCS-290703	Client ID:	Units: ug/L	Prep Date: 01/07/2020	Run No: 415600							
SampleType: LCS	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 290703	Analysis Date: 01/07/2020	Seq No: 9376293							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	18.73	5.0	20.00		93.6	69.2	141				
Benzene	19.26	5.0	20.00		96.3	72.3	126				
Chlorobenzene	18.86	5.0	20.00		94.3	73.3	135				
Toluene	19.36	5.0	20.00		96.8	70.5	128				
Trichloroethene	19.62	5.0	20.00		98.1	70.3	133				
Surr: 4-Bromofluorobenzene	49.48	0	50.00		99.0	64	125				
Surr: Dibromofluoromethane	48.93	0	50.00		97.9	76.4	125				
Surr: Toluene-d8	48.66	0	50.00		97.3	78.3	116				

Sample ID: 2001333-001AMS	Client ID: GWC-6	Units: ug/L	Prep Date: 01/07/2020	Run No: 415600							
SampleType: MS	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 290703	Analysis Date: 01/07/2020	Seq No: 9376314							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	18.38	5.0	20.00		91.9	63.8	146				
Benzene	19.69	5.0	20.00		98.4	70.2	137				
Chlorobenzene	18.88	5.0	20.00		94.4	72.7	141				
Toluene	20.17	5.0	20.00		101	67	141				
Trichloroethene	19.94	5.0	20.00		99.7	69.3	141				
Surr: 4-Bromofluorobenzene	49.32	0	50.00		98.6	64	125				
Surr: Dibromofluoromethane	49.03	0	50.00		98.1	76.4	125				
Surr: Toluene-d8	50.92	0	50.00		102	78.3	116				

Sample ID: 2001333-001AMSD	Client ID: GWC-6	Units: ug/L	Prep Date: 01/07/2020	Run No: 415600							
SampleType: MSD	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 290703	Analysis Date: 01/07/2020	Seq No: 9376315							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	19.12	5.0	20.00		95.6	63.8	146	18.38	3.95	20.8	
Benzene	19.55	5.0	20.00		97.8	70.2	137	19.69	0.714	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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: 290703

Sample ID: 2001333-001AMSD	Client ID: GWC-6	Units: ug/L	Prep Date: 01/07/2020	Run No: 415600
SampleType: MSD	TestCode: APPENDIX I VOLATILE ORGANICS SW8260D	BatchID: 290703	Analysis Date: 01/07/2020	Seq No: 9376315

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	19.72	5.0	20.00		98.6	72.7	141	18.88	4.35	20	
Toluene	20.29	5.0	20.00		101	67	141	20.17	0.593	20	
Trichloroethene	20.97	5.0	20.00		105	69.3	141	19.94	5.04	17.9	
Surr: 4-Bromofluorobenzene	50.82	0	50.00		102	64	125	49.32	0	0	
Surr: Dibromofluoromethane	51.68	0	50.00		103	76.4	125	49.03	0	0	
Surr: Toluene-d8	50.53	0	50.00		101	78.3	116	50.92	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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: 290742

Sample ID: MB-290742	Client ID:	Units: mg/L	Prep Date: 01/09/2020	Run No: 415732							
SampleType: MBLK	TestCode: Mercury, Total SW7470A	BatchID: 290742	Analysis Date: 01/09/2020	Seq No: 9377746							
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-290742	Client ID:	Units: mg/L	Prep Date: 01/09/2020	Run No: 415732							
SampleType: LCS	TestCode: Mercury, Total SW7470A	BatchID: 290742	Analysis Date: 01/09/2020	Seq No: 9377747							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.004313 0.00020 0.0040 108 80 120

Sample ID: 2001204-002CMS	Client ID:	Units: mg/L	Prep Date: 01/09/2020	Run No: 415732							
SampleType: MS	TestCode: Mercury, Total SW7470A	BatchID: 290742	Analysis Date: 01/09/2020	Seq No: 9377749							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.004213 0.00020 0.0040 0.00006300 104 75 125

Sample ID: 2001204-002CMSD	Client ID:	Units: mg/L	Prep Date: 01/09/2020	Run No: 415732							
SampleType: MSD	TestCode: Mercury, Total SW7470A	BatchID: 290742	Analysis Date: 01/09/2020	Seq No: 9377750							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.004107 0.00020 0.0040 0.00006300 101 75 125 0.004213 2.55 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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: R415499

Sample ID: MB-415499	Client ID:	Units: mg/L	Prep Date:	Run No: 415499							
SampleType: MBLK	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R415499	Analysis Date: 01/07/2020	Seq No: 9373345							
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-415499	Client ID:	Units: mg/L	Prep Date:	Run No: 415499							
SampleType: LCS	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R415499	Analysis Date: 01/07/2020	Seq No: 9373346							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand

465.5 10.0 500.0 93.1 90 110

Sample ID: 2001284-003AMS	Client ID:	Units: mg/L	Prep Date:	Run No: 415499							
SampleType: MS	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R415499	Analysis Date: 01/07/2020	Seq No: 9373348							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand

441.4 12.5 375.0 65.38 100 90 110

Sample ID: 2001284-003AMSD	Client ID:	Units: mg/L	Prep Date:	Run No: 415499							
SampleType: MSD	TestCode: Chemical Oxygen Demand (COD) E410.4	BatchID: R415499	Analysis Date: 01/07/2020	Seq No: 9373349							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chemical Oxygen Demand

452.6 12.5 375.0 65.38 103 90 110 441.4 2.51 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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: R415588

Sample ID: MB-R415588	Client ID:	Units: mg/L	Prep Date:	Run No: 415588							
SampleType: MBLK	TestCode: Inorganic Anions by IC E300.0	BatchID: R415588	Analysis Date: 01/07/2020	Seq No: 9374599							
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-R415588	Client ID:	Units: mg/L	Prep Date:	Run No: 415588							
SampleType: LCS	TestCode: Inorganic Anions by IC E300.0	BatchID: R415588	Analysis Date: 01/07/2020	Seq No: 9374598							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride 10.61 1.00 10.00 106 90 110

Sample ID: 2001315-001AMS	Client ID:	Units: mg/L	Prep Date:	Run No: 415588							
SampleType: MS	TestCode: Inorganic Anions by IC E300.0	BatchID: R415588	Analysis Date: 01/07/2020	Seq No: 9374629							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride 14.67 1.00 10.00 5.149 95.2 90 110

Sample ID: 2001315-004AMS	Client ID:	Units: mg/L	Prep Date:	Run No: 415588							
SampleType: MS	TestCode: Inorganic Anions by IC E300.0	BatchID: R415588	Analysis Date: 01/07/2020	Seq No: 9374604							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride 14.06 1.00 10.00 4.097 99.6 90 110

Sample ID: 2001315-004AMSD	Client ID:	Units: mg/L	Prep Date:	Run No: 415588							
SampleType: MSD	TestCode: Inorganic Anions by IC E300.0	BatchID: R415588	Analysis Date: 01/07/2020	Seq No: 9374608							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chloride 14.13 1.00 10.00 4.097 100 90 110 14.06 0.509 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: Eagle Point LF
Workorder: 2001333

ANALYTICAL QC SUMMARY REPORT

BatchID: R415649

Sample ID: MB-R415649	Client ID:	Units: mg/L	Prep Date:	Run No: 415649							
SampleType: MBLK	TestCode: Total Organic Carbon (TOC) by SM5310B	BatchID: R415649	Analysis Date: 01/08/2020	Seq No: 9376246							
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-R415649	Client ID:	Units: mg/L	Prep Date:	Run No: 415649							
SampleType: LCS	TestCode: Total Organic Carbon (TOC) by SM5310B	BatchID: R415649	Analysis Date: 01/08/2020	Seq No: 9376244							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Organic Carbon, Total

24.23 1.00 25.00 96.9 90 110

Sample ID: 2001189-001AMS	Client ID:	Units: mg/L	Prep Date:	Run No: 415649							
SampleType: MS	TestCode: Total Organic Carbon (TOC) by SM5310B	BatchID: R415649	Analysis Date: 01/08/2020	Seq No: 9376249							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Organic Carbon, Total

22.17 1.00 25.00 88.7 80 120

Sample ID: 2001189-001AMSD	Client ID:	Units: mg/L	Prep Date:	Run No: 415649							
SampleType: MSD	TestCode: Total Organic Carbon (TOC) by SM5310B	BatchID: R415649	Analysis Date: 01/08/2020	Seq No: 9376250							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Organic Carbon, Total

22.62 1.00 25.00 90.5 80 120 22.17 2.01 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	