ATLANTIC COAST CONSULTING, INC.

Our work helps produce a cleaner environment for all.

June 15, 2023

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 2023 Event
Permit No.: 058-012D(MSWL)

Dear Mr. Buckles:

As described in the scope of work provided to Forsyth County, Atlantic Coast Consulting, Inc. (ACC) provided a qualified groundwater scientist to attend one day of the Eagle Point Landfill's (EPL) first 2023 sampling event to observe sampling procedures for quality assurance (QA) and to collect QA split samples for Forsyth County comparison. The sampling event occurred the week of January 2, 2023. ACC's field representative, geologist Taylor Goble P.G., was present to observe activities on January 3, 2023. He met with Environmental Monitoring Services, LLC (EMS), the subcontracted sampling team of GFL Environmental 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 groundwater wells, GWC-6, GWC-9, and GWC-12R, one surface water location, SWC-9, and one 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's field sampling logs, and copies of these logs are provided in **Attachment A**. Discussed below are the sampling protocols, laboratory results, and summary and recommendations.

Sampling Protocol/Techniques

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

- A new pair of nitrile gloves was donned prior to beginning sampling at a well. When purging was complete, another new pair of nitrile gloves was donned prior to sampling.

- A low-flow method of well purging was performed for groundwater sample collection using peristaltic pumps. Groundwater parameters (pH, specific conductance, and temperature) were allowed to stabilize prior to sampling. A turbidity reading equal to or less than 10 nephelometric turbidity units (NTU) was achieved prior to sampling.
- When filling laboratory sample vials for groundwater, a low pump rate was used to minimize volatilization. In addition, no bubbles or headspace were allowed in the volatile organic analysis sample vials. Vacuum transfer caps were not used with the peristaltic pumps.
- When filling laboratory sample vials for surface water, grab sampling techniques were used to fill the sample containers directly from the surface water or underdrain sample point. Care was taken not to lose the laboratory bottle preservatives.
- The samples were apportioned into two sets of containers with bottle filling alternating between primary sample 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 GFL Environmental's samples were submitted to Eurofins Environment Testing America 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 (EPA[1], 1996). As summarized in **Table 1**, groundwater samples collected for metals analysis were all collected at turbidity readings of 10 or less NTU. Groundwater samples were collected with the final three readings that met the following criteria: pH readings within 0.1 standard units, specific conductance within 10 percent, and temperature within 1 degree centigrade (**Attachment A**). Surface water metals were collected at relatively low sample turbidities of 8 NTU at surface water point SWC-9 and 7 NTU at underdrain sample point SWC-5 (see **Tables 2** and **3**).

Quality Assurance 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 or Appendix II constituents as listed in 40 Code of Federal Regulations Part 258, Subpart E, 56 Federal Register 51032-51039 (October 9, 1991), and Rules for Solid Waste Management Chapter 391-3-4-.14 (22), as amended. AES is a National Environmental Laboratory Accreditation Program (NELAP) certified laboratory. Chain of custody was maintained by ACC during QA split sample collection, handling, and shipping.

[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.

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 (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 were detections of chloride and TOC 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 are provided in **Table 3**. As summarized in **Table 3**, there were detections of arsenic and barium in the underdrain 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 **Table 5** and a summary of field water quality readings is provided on **Table 1**. The laboratory results indicate that there were detections of barium, cobalt, nickel and/or zinc in the groundwater samples. Detected concentrations were below U.S. EPA Maximum Contaminant Levels (MCLs), where applicable. There is no established EPA MCL for cobalt or zinc. For reference, the zinc on **Table 5** was compared to the National Secondary Drinking Water Standard.

Summary and Recommendations

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

ACC recommends QA split laboratory analysis for approximately ten percent of the total samples (three groundwater, one underdrain, and one surface water) during the next sampling event scheduled for July 2023.

Sincerely,

ATLANTIC COAST CONSULTING, INC.

Charles B. Adams, P.G.
Project Manager

Encl.

cc: ACC File

TABLES

Table 1
Summary of Final Water Quality Parameter Readings
Eagle Point Landfill Forsyth County, Georgia
January 2023 Sampling Event

Well ID	pH (S.U.)	Specific Conductance (µS/cm)	Temperature (°C)	Turbidity (NTU)
GWC-6	5.27	84	18.7	1
GWC-9	4.58	728	18.5	1
GWC-12R	5.43	667	16.8	5

Notes: Groundwater samples collected January 3, 2023.

Acronyms: °C = Degrees Celsius
µS/cm = microSiemens/centimeter
NTU = Nephelometric Turbidity Units
S.U. = Standard Units

Table 2
Summary of Surface Water Detections & Field Parameters
Eagle Point Landfill Forsyth County, Georgia
January 2023 Sampling Event

Location	Chloride (mg/L)	TOC (mg/L)
SWC-9	1.82	1.49

Location	pH (S.U.)	Specific Conductance (µS/cm)	Temperature (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
SWC-9	6.31	33	13.6	8	10.31

Notes: Surface water sampled January 3, 2023.

Acronyms: mg/L = milligrams per liter
S.U. = Standard Units
µS/cm = microSiemens/centimeter
°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 2023 Sampling Event

Location	Arsenic (mg/L)	Barium (mg/L)
SWC-5	0.0372	0.0456

Location	pH (S.U.)	Specific Conductance (µS/cm)	Temperature (°C)	Turbidity (NTU)
SWC-5	5.90	216	21.5	7

Notes: Underdrain sampled January 3, 2023.

Acronyms: mg/L = milligrams per liter
°C = Degrees Celsius
S.U. = Standard Units
NTU = Nephelometric Turbidity Units
µS/cm = microSiemens/centimeter

Table 4
Summary of Laboratory Analysis and Sample Method
Eagle Point Landfill Forsyth County, Georgia
January 2023 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 3, 2023.
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 2023 Sampling Event

Well ID	Barium (mg/L)	Cobalt (mg/L)	Nickel (mg/L)	Zinc (mg/L)
GWC-6	0.0726	--	--	0.0235
GWC-9	0.124	0.0536	--	0.0299
GWC-12R	0.116	0.0979	0.0227	--
MCL	**2**	**NE**	**0.1***	**5****

Notes: Samples collected January 3, 2023.
A dash (--) = below laboratory reporting limit.
* Georgia MCL Rule 391-3-5-.18.
** National Secondary Drinking Water Regulation

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

ATTACHMENTS

ATTACHMENT A
Field Sampling Logs

FIELD SAMPLING LOG

Site: Eagle Point Landfill

Sampling Point: GWC-6 Page 1 of 1

Purge Date: 1-3-23 Purge Start Time: 0954 Elapsed Purge Hrs: 18 mins

Water Vol. In Well: 1.74 gal Act. Purge Vol.: 0.55 gal Well Vol. Purged: 0.3

Purge Equipment.: peristaltic pump Sample Equipment: peristaltic pump Filter: NA

Well Depth: (BTOC) 37.54 Depth to Water: (BTOC) 26.63 Well Elevation: (ft MSL from TOC) —

GW Elevation: (ft msl) — Well ID: (in) 2 Well Material: PVC

Sample Time (2400)	Rate (ml/min)	pH (S.U.)	Cond. (uhmos/cm)	Temp. (°C)	Turb. (NTU)	D.O. (mg/L)	ORP (mV)	DTW (feet BTOC)
1000	210	5.32	86	18.7	2	0.21	122	26.82
1004	210	5.27	82	18.7	1	0.51	117	26.82
1008	210	5.27	85	18.7	1	0.45	112	26.82
1012	210	5.27	84	18.7	1	0.41	108	26.82
		+/- 0.1	+/- 5%	No Criteria	<10, if achievable	+/- 10% or +/- 0.2 (whichever is greater)	+/- 20	<1.25 total

FINAL READING

Sample Date	Sample Time	pH (S.U.)	Cond. (uhmos/cm)	Temp. (°C)	Turb. (NTU)	D.O. (mg/L)	ORP (mV)	DTW (feet BTOC)
1-3-23	1012	5.27	84	18.7	1	0.41	108	26.82

Sample Appearance: Clear Color: None

Comments/Notes:

210 ml/min

Nick Walker (sampler)
Taylor Goyle (QC)
Name

Signature

1-3-23
Date

FIELD SAMPLING LOG

Site: Eagle Point Landfill

Sampling Point: GWC-9

Page 1 of 1

Purge Date: 1-3-23 | Purge Start Time: 1045 | Elapsed Purge Hrs: 18 mins

Water Vol. In Well: 1.03 | Act. Purge Vol.: 0.5 | Well Vol. Purged: 0.5

Purge Equipment.: peristaltic pump | Sample Equipment: peristaltic pump | Filter: NA

Well Depth: (BTOC) 24.32 | Depth to Water: (BTOC) 17.89 | Well Elevation: (ft MSL from TOC) —

GW Elevation: (ft msl) — | Well ID: (in) 2 | Well Material: PVC

Sample Time (2400)	Rate (ml/min)	pH (S.U.)	Cond. (uhmos/cm)	Temp. (°C)	Turb. (NTU)	D.O. (mg/L)	ORP (mV)	DTW (feet BTOC)
1051	200	4.54	721	18.5	1	0.77	130	18.24
1055	200	4.54	722	18.5	1	0.67	125	18.24
1059	200	4.54	728	14.5	1	0.63	119	18.24
1103	200	4.54	728	18.5	1	0.58	115	18.24
		+/- 0.1	+/- 5%	No Criteria	<10, if achievable	+/- 10% or +/- 0.2 (whichever is greater)	+/- 20	<1.25 total

FINAL READING

Sample Date	Sample Time	pH (S.U.)	Cond. (uhmos/cm)	Temp. (°C)	Turb. (NTU)	D.O. (mg/L)	ORP (mV)	DTW (feet BTOC)
1-3-23	1103	4.54	728	18.5	1	0.58	115	18.24

Sample Appearance: Clear | Color: None

Comments/Notes: 200 ml/min

Nick Walker (sampler)
Taylor Goyke (QC)
Name

Taylor Goyke
Signature

1-3-23
Date

FIELD SAMPLING LOG

Site: Eagle Point Landfill

Sampling Point: GWC-12R

Page 1 of 1

Purge Date: 1-3-23 | Purge Start Time: 1123 | Elapsed Purge Hrs: 26 mins

Water Vol. In Well: 3.26 gal | Act. Purge Vol.: 0.5 gal | Well Vol. Purged: 0.3

Purge Equipment.: peristaltic pump | Sample Equipment: peristaltic pump | Filter: NA

Well Depth: (BTOC) 29.79 | Depth to Water: (BTOC) 9.41 | Well Elevation: (ft MSL from TOC) —

GW Elevation: (ft msl) — | Well ID: (in) 2 | Well Material: PVC

Sample Time (2400)	Rate (ml/min)	pH (S.U.)	Cond. (uhmos/cm)	Temp. (°C)	Turb. (NTU)	D.O. (mg/L)	ORP (mV)	DTW (feet BTOC)
1129	210	5.36	625	16.6	38	0.60	110	9.91
1133	210	5.36	655	16.7	67	0.53	109	9.91
1137	210	5.42	621	16.5	37	0.42	107	9.91
1141	↓	5.40	652	16.7	8	0.44	108	↓
1145	↓	5.41	663	16.8	6	0.42	106	↓
1149	↓	5.43	667	16.8	5	0.43	104	↓
		+/- 0.1	+/- 5%	No Criteria	<10, if achievable	+/- 10% or +/- 0.2 (whichever is greater)	+/- 20	<1.25 total

FINAL READING

Sample Date	Sample Time	pH (S.U.)	Cond. (uhmos/cm)	Temp. (°C)	Turb. (NTU)	D.O. (mg/L)	ORP (mV)	DTW (feet BTOC)
1-3-23	1149	5.43	667	16.8	5	0.43	104	9.91

Sample Appearance: Clear | Color: None

Comments/Notes: 210 ml/min
0% methane headspace

Nick Wilke - (Sampler)
Taylor Goble (QC)
Name

Signature

1-3-23
Date

FIELD SAMPLING LOG

Site: Eagle Point Landfill

Sampling Point: SWC-5

Page 1 of 1

Purge Date: | Purge Start Time: | Elapsed Purge Hrs:

Water Vol. In Well: | Act. Purge Vol.: | Well Vol. Purged:

Purge Equipment.: peristaltic pump | Sample Equipment: peristaltic pump | Filter:

Well Depth: (BTOC) | Depth to Water: (BTOC) | Well Elevation: (ft MSL from TOC)

GW Elevation: (ft msl) | Well ID: (in) | Well Material:

Sample Time (2400)	Rate (ml/min)	pH (S.U.)	Cond. (uhmos/cm)	Temp. (°C)	Turb. (NTU)	D.O. (mg/L)	ORP (mV)	DTW (feet BTOC)
		+/- 0.1	+/- 5%	No Criteria	<10, if achievable	+/- 10% or +/- 0.2 (whichever is greater)	+/- 20	<1.25 total

FINAL READING

Sample Date	Sample Time	pH (S.U.)	Cond. (uhmos/cm)	Temp. (°C)	Turb. (NTU)	D.O. (mg/L)	ORP (mV)	DTW (feet BTOC)
1-3-23	1211	5.90	216	21.5	7	—	—	—

Sample Appearance: Clear | Color: None

Comments/Notes:

Has odor / 7.5% vol methane

EM services did not record ORP + D.O.

Nick Walker (sampler)
Taylor Gable (QC)

Name

Taylor Gable

Signature

1-3-23

Date

FIELD SAMPLING LOG

Site: Eagle Point Landfill

Sampling Point: SWC-9 Page 1 of 1

Purge Date: _____ Purge Start Time: _____ Elapsed Purge Hrs: _____

Water Vol. In Well: _____ Act. Purge Vol.: _____ Well Vol. Purged: _____

Purge Equipment.: peristaltic pump Sample Equipment: peristaltic pump Filter: _____

Well Depth: (BTOC) _____ Depth to Water: (BTOC) _____ Well Elevation: (ft MSL from TOC) _____

GW Elevation: (ft msl) _____ Well ID: (in) _____ Well Material: _____

Sample Time (2400)	Rate (ml/min)	pH (S.U.)	Cond. (uhmos/cm)	Temp. (°C)	Turb. (NTU)	D.O. (mg/L)	ORP (mV)	DTW (feet BTOC)
		+/- 0.1	+/- 5%	No Criteria	<10, if achievable	+/- 10% or +/- 0.2 (whichever is greater)	+/- 20	<1.25 total

FINAL READING

Sample Date	Sample Time	pH (S.U.)	Cond. (uhmos/cm)	Temp. (°C)	Turb. (NTU)	D.O. (mg/L)	ORP (mV)	DTW (feet BTOC)
1-3-23	1246	6.31	33	13.6	8	10.31	—	—

Sample Appearance: Clear Color: None

Comments/Notes: EM services did not record ORP

Nick Walker (sampler)
Taylor Goble (QC)
Name

Taylor Goble
Signature

1-3-23
Date

ATTACHMENT B
Laboratory Report

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 11, 2023

Charles Adams
Atlantic Coast Consulting, Inc.

1150 Northmeadow Pkwy
Roswell GA 30076

RE: Eagle Point Landfill

Dear Charles Adams: Order No: 2301234

Analytical Environmental Services, Inc. received 6 samples on January 3, 2023 3:11 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 07/01/22-06/30/23.
State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/23 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 11/01/23.
These results relate only to the items tested as received. This report may only be reproduced in full.

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

Sincerely,

Ioana Pacurar

Ioana Pacurar

Project Manager

3080 Presidential Drive • Atlanta, Georgia 30340 • Tel: 770.457.8177 • Fax: 770.457.8188 • Toll Free: 800.972.4889
www.aesatlanta.com

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Analytical Environmental Services, Inc.
3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Work Order: 2301234
Page 1 of 1

COMPANY:	ADDRESS:
Atlantic Coast Consulting, Inc.	1150 Northmeadow Parkway, Roswell, GA, 30075
PHONE: 770-594-5998	EMAIL: taylorgoble@atlcc.net
SAMPLED BY: T. Goble/N. Walker	SIGNATURE: Taylor Goble

#	SAMPLE ID	SAMPLED: DATE	SAMPLED: TIME	GRAB	COMPOSITE	MATRIX (see codes)	App I VOC	App I Metals	Cyanide	TOC	Anions	COD	Surface Water Metals	Dissolved Metals	REMARKS	Number of Containers
	PRESERVATION (see codes)															
1	GWC-6	1-3-23	1012	✓		GW	✓	✓								3
2	GWC-9	1-3-23	1103	✓		GW	✓	✓								3
3	GWC-12R	1-3-23	1149	✓		GW	✓	✓								3
4	SWC-5	1-3-23	1211	✓		SW	✓	✓								3
5	SWC-9	1-3-23	1246	✓		SW			✓	✓	✓	✓	✓	✓		7
6	Trip Blank	—	—	—		W	✓									2
7																
8																
9																
10																
11																
12																
13																
14																

Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1. Taylor Goble	1-3-23/1511	1. LEILA DYE	1.3.23 15:11
2.		2.	
3.		3.	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT: / / VIA:
IN: / / VIA:
(Client) FedEx UPS US mail courier
other: _____

PROJECT INFORMATION

PROJECT NAME: Eagle Point Landfill
PROJECT #:
SITE ADDRESS:
SEND REPORT TO: charles.adams@atlcc.net
betsy.mcdaniel@atlcc.net
INVOICE TO (IF DIFFERENT FROM ABOVE):
QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers: 21

Turnaround Time (TAT) Request in Business Days
- [x] Standard
- [ ] 4-Day Rush*
- [ ] 3-Day Rush*
- [ ] 2-Day Rush*
- [ ] Next Day Rush*
- [ ] Other _____
- [ ] Same-Day Rush*(auth req.)

*Surcharges apply for Rush TAT

REGULATORY PROGRAM (if any):

DATA PACKAGE: I ○ II ○ III ○ IV ○

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.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST=Stormwater WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice NaOH = SH O = Other (specify) NA = None

White Copy - Original Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 11-Jan-23

Client:	Atlantic Coast Consulting, Inc.	**Client Sample ID:**	GWC-6
Project Name:	Eagle Point Landfill	**Collection Date:**	1/3/2023 10:12:00 AM
Lab ID:	2301234-001	**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	349041	1	01/05/2023 14:19	CM
1,1,1-Trichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
1,1,2-Trichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
1,1-Dichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
1,1-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
1,2,3-Trichloropropane	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	349041	1	01/05/2023 14:19	CM
1,2-Dibromoethane	BRL	1.0		ug/L	349041	1	01/05/2023 14:19	CM
1,2-Dichlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
1,2-Dichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
1,2-Dichloropropane	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
1,4-Dichlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
2-Butanone	BRL	100		ug/L	349041	1	01/05/2023 14:19	CM
2-Hexanone	BRL	50		ug/L	349041	1	01/05/2023 14:19	CM
4-Methyl-2-pentanone	BRL	50		ug/L	349041	1	01/05/2023 14:19	CM
Acetone	BRL	100		ug/L	349041	1	01/05/2023 14:19	CM
Acrylonitrile	BRL	50		ug/L	349041	1	01/05/2023 14:19	CM
Benzene	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
Bromochloromethane	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
Bromodichloromethane	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
Bromoform	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
Bromomethane	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
Carbon disulfide	BRL	5.0		ug/L	349041	1	01/05/2023 14:19	CM
Carbon tetrachloride	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
Chlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
Chloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
Chloroform	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
Chloromethane	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
Dibromochloromethane	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
Dibromomethane	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
Ethylbenzene	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
Iodomethane	BRL	100		ug/L	349041	1	01/05/2023 14:19	CM
Methylene chloride	BRL	5.0		ug/L	349041	1	01/05/2023 14:19	CM
Styrene	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
Tetrachloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
Toluene	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	349041	1	01/05/2023 14:19	CM
Trichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 14:19	CM
Trichlorofluoromethane	BRL	10		ug/L	349041	1	01/05/2023 14:19	CM
Vinyl acetate	BRL	100		ug/L	349041	1	01/05/2023 14:19	CM

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

Analytical Environmental Services, Inc **Date:** 11-Jan-23

Client:	Atlantic Coast Consulting, Inc.	**Client Sample ID:**	GWC-6
Project Name:	Eagle Point Landfill	**Collection Date:**	1/3/2023 10:12:00 AM
Lab ID:	2301234-001	**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	349041	1	01/05/2023 14:19	CM
Xylenes, Total	BRL	5.0		ug/L	349041	1	01/05/2023 14:19	CM
Surr: 4-Bromofluorobenzene	97.1	75-118		%REC	349041	1	01/05/2023 14:19	CM
Surr: Dibromofluoromethane	95	82.5-121		%REC	349041	1	01/05/2023 14:19	CM
Surr: Toluene-d8	103	78.3-118		%REC	349041	1	01/05/2023 14:19	CM
APPENDIX I METALS SW6020B				**(SW3005A)**				
Antimony	BRL	0.00600		mg/L	348835	1	01/05/2023 13:49	HC
Arsenic	BRL	0.0100		mg/L	348835	1	01/05/2023 13:49	HC
Barium	0.0726	0.0200		mg/L	348835	1	01/05/2023 13:49	HC
Beryllium	BRL	0.00300		mg/L	348835	1	01/05/2023 13:49	HC
Cadmium	BRL	0.00500		mg/L	348835	1	01/05/2023 13:49	HC
Chromium	BRL	0.0100		mg/L	348835	1	01/05/2023 13:49	HC
Cobalt	BRL	0.0400		mg/L	348835	1	01/05/2023 13:49	HC
Copper	BRL	0.0200		mg/L	348835	1	01/05/2023 13:49	HC
Lead	BRL	0.0150		mg/L	348835	1	01/05/2023 13:49	HC
Nickel	BRL	0.0200		mg/L	348835	1	01/05/2023 13:49	HC
Selenium	BRL	0.0100		mg/L	348835	1	01/05/2023 13:49	HC
Silver	BRL	0.0100		mg/L	348835	1	01/05/2023 13:49	HC
Thallium	BRL	0.00200		mg/L	348835	1	01/05/2023 13:49	HC
Vanadium	BRL	0.0200		mg/L	348835	1	01/05/2023 13:49	HC
Zinc	0.0235	0.0200		mg/L	348835	1	01/05/2023 13:49	HC

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 11-Jan-23

Client:	Atlantic Coast Consulting, Inc.	**Client Sample ID:**	GWC-9
Project Name:	Eagle Point Landfill	**Collection Date:**	1/3/2023 11:03:00 AM
Lab ID:	2301234-002	**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	349041	1	01/05/2023 14:44	CM
1,1,1-Trichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
1,1,2-Trichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
1,1-Dichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
1,1-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
1,2,3-Trichloropropane	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	349041	1	01/05/2023 14:44	CM
1,2-Dibromoethane	BRL	1.0		ug/L	349041	1	01/05/2023 14:44	CM
1,2-Dichlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
1,2-Dichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
1,2-Dichloropropane	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
1,4-Dichlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
2-Butanone	BRL	100		ug/L	349041	1	01/05/2023 14:44	CM
2-Hexanone	BRL	50		ug/L	349041	1	01/05/2023 14:44	CM
4-Methyl-2-pentanone	BRL	50		ug/L	349041	1	01/05/2023 14:44	CM
Acetone	BRL	100		ug/L	349041	1	01/05/2023 14:44	CM
Acrylonitrile	BRL	50		ug/L	349041	1	01/05/2023 14:44	CM
Benzene	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
Bromochloromethane	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
Bromodichloromethane	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
Bromoform	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
Bromomethane	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
Carbon disulfide	BRL	5.0		ug/L	349041	1	01/05/2023 14:44	CM
Carbon tetrachloride	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
Chlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
Chloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
Chloroform	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
Chloromethane	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
Dibromochloromethane	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
Dibromomethane	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
Ethylbenzene	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
Iodomethane	BRL	100		ug/L	349041	1	01/05/2023 14:44	CM
Methylene chloride	BRL	5.0		ug/L	349041	1	01/05/2023 14:44	CM
Styrene	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
Tetrachloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
Toluene	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	349041	1	01/05/2023 14:44	CM
Trichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 14:44	CM
Trichlorofluoromethane	BRL	10		ug/L	349041	1	01/05/2023 14:44	CM
Vinyl acetate	BRL	100		ug/L	349041	1	01/05/2023 14:44	CM

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

Analytical Environmental Services, Inc **Date:** 11-Jan-23

Client:	Atlantic Coast Consulting, Inc.	**Client Sample ID:**	GWC-9
Project Name:	Eagle Point Landfill	**Collection Date:**	1/3/2023 11:03:00 AM
Lab ID:	2301234-002	**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	349041	1	01/05/2023 14:44	CM
Xylenes, Total	BRL	5.0		ug/L	349041	1	01/05/2023 14:44	CM
Surr: 4-Bromofluorobenzene	98.8	75-118		%REC	349041	1	01/05/2023 14:44	CM
Surr: Dibromofluoromethane	95.1	82.5-121		%REC	349041	1	01/05/2023 14:44	CM
Surr: Toluene-d8	103	78.3-118		%REC	349041	1	01/05/2023 14:44	CM
APPENDIX I METALS SW6020B				**(SW3005A)**				
Antimony	BRL	0.00600		mg/L	348835	1	01/05/2023 13:51	HC
Arsenic	BRL	0.0100		mg/L	348835	1	01/05/2023 13:51	HC
Barium	0.124	0.0200		mg/L	348835	1	01/05/2023 13:51	HC
Beryllium	BRL	0.00300		mg/L	348835	1	01/05/2023 13:51	HC
Cadmium	BRL	0.00500		mg/L	348835	1	01/05/2023 13:51	HC
Chromium	BRL	0.0100		mg/L	348835	1	01/05/2023 13:51	HC
Cobalt	0.0536	0.0400		mg/L	348835	1	01/05/2023 13:51	HC
Copper	BRL	0.0200		mg/L	348835	1	01/05/2023 13:51	HC
Lead	BRL	0.0150		mg/L	348835	1	01/05/2023 13:51	HC
Nickel	BRL	0.0200		mg/L	348835	1	01/05/2023 13:51	HC
Selenium	BRL	0.0100		mg/L	348835	1	01/05/2023 13:51	HC
Silver	BRL	0.0100		mg/L	348835	1	01/05/2023 13:51	HC
Thallium	BRL	0.00200		mg/L	348835	1	01/05/2023 13:51	HC
Vanadium	BRL	0.0200		mg/L	348835	1	01/05/2023 13:51	HC
Zinc	0.0299	0.0200		mg/L	348835	1	01/05/2023 13:51	HC

Qualifiers:

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

Client:	Atlantic Coast Consulting, Inc.	**Client Sample ID:**	GWC-12R
Project Name:	Eagle Point Landfill	**Collection Date:**	1/3/2023 11:49:00 AM
Lab ID:	2301234-003	**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	349041	1	01/05/2023 15:09	CM
1,1,1-Trichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
1,1,2-Trichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
1,1-Dichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
1,1-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
1,2,3-Trichloropropane	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	349041	1	01/05/2023 15:09	CM
1,2-Dibromoethane	BRL	1.0		ug/L	349041	1	01/05/2023 15:09	CM
1,2-Dichlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
1,2-Dichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
1,2-Dichloropropane	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
1,4-Dichlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
2-Butanone	BRL	100		ug/L	349041	1	01/05/2023 15:09	CM
2-Hexanone	BRL	50		ug/L	349041	1	01/05/2023 15:09	CM
4-Methyl-2-pentanone	BRL	50		ug/L	349041	1	01/05/2023 15:09	CM
Acetone	BRL	100		ug/L	349041	1	01/05/2023 15:09	CM
Acrylonitrile	BRL	50		ug/L	349041	1	01/05/2023 15:09	CM
Benzene	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
Bromochloromethane	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
Bromodichloromethane	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
Bromoform	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
Bromomethane	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
Carbon disulfide	BRL	5.0		ug/L	349041	1	01/05/2023 15:09	CM
Carbon tetrachloride	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
Chlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
Chloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
Chloroform	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
Chloromethane	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
Dibromochloromethane	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
Dibromomethane	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
Ethylbenzene	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
Iodomethane	BRL	100		ug/L	349041	1	01/05/2023 15:09	CM
Methylene chloride	BRL	5.0		ug/L	349041	1	01/05/2023 15:09	CM
Styrene	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
Tetrachloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
Toluene	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	349041	1	01/05/2023 15:09	CM
Trichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 15:09	CM
Trichlorofluoromethane	BRL	10		ug/L	349041	1	01/05/2023 15:09	CM
Vinyl acetate	BRL	100		ug/L	349041	1	01/05/2023 15:09	CM

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 11-Jan-23

Client:	Atlantic Coast Consulting, Inc.	**Client Sample ID:**	GWC-12R
Project Name:	Eagle Point Landfill	**Collection Date:**	1/3/2023 11:49:00 AM
Lab ID:	2301234-003	**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	349041	1	01/05/2023 15:09	CM
Xylenes, Total	BRL	5.0		ug/L	349041	1	01/05/2023 15:09	CM
Surr: 4-Bromofluorobenzene	99.2	75-118		%REC	349041	1	01/05/2023 15:09	CM
Surr: Dibromofluoromethane	96.2	82.5-121		%REC	349041	1	01/05/2023 15:09	CM
Surr: Toluene-d8	103	78.3-118		%REC	349041	1	01/05/2023 15:09	CM
APPENDIX I METALS SW6020B				**(SW3005A)**				
Antimony	BRL	0.00600		mg/L	348835	1	01/05/2023 13:53	HC
Arsenic	BRL	0.0100		mg/L	348835	1	01/05/2023 13:53	HC
Barium	0.116	0.0200		mg/L	348835	1	01/05/2023 13:53	HC
Beryllium	BRL	0.00300		mg/L	348835	1	01/05/2023 13:53	HC
Cadmium	BRL	0.00500		mg/L	348835	1	01/05/2023 13:53	HC
Chromium	BRL	0.0100		mg/L	348835	1	01/05/2023 13:53	HC
Cobalt	0.0979	0.0400		mg/L	348835	1	01/05/2023 13:53	HC
Copper	BRL	0.0200		mg/L	348835	1	01/05/2023 13:53	HC
Lead	BRL	0.0150		mg/L	348835	1	01/05/2023 13:53	HC
Nickel	0.0227	0.0200		mg/L	348835	1	01/05/2023 13:53	HC
Selenium	BRL	0.0100		mg/L	348835	1	01/05/2023 13:53	HC
Silver	BRL	0.0100		mg/L	348835	1	01/05/2023 13:53	HC
Thallium	BRL	0.00200		mg/L	348835	1	01/05/2023 13:53	HC
Vanadium	BRL	0.0200		mg/L	348835	1	01/05/2023 13:53	HC
Zinc	BRL	0.0200		mg/L	348835	1	01/05/2023 13:53	HC

Qualifiers:

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

Client:	Atlantic Coast Consulting, Inc.	**Client Sample ID:**	SWC-5
Project Name:	Eagle Point Landfill	**Collection Date:**	1/3/2023 12:11:00 PM
Lab ID:	2301234-004	**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	349041	1	01/05/2023 15:34	CM
1,1,1-Trichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
1,1,2-Trichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
1,1-Dichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
1,1-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
1,2,3-Trichloropropane	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	349041	1	01/05/2023 15:34	CM
1,2-Dibromoethane	BRL	1.0		ug/L	349041	1	01/05/2023 15:34	CM
1,2-Dichlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
1,2-Dichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
1,2-Dichloropropane	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
1,4-Dichlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
2-Butanone	BRL	100		ug/L	349041	1	01/05/2023 15:34	CM
2-Hexanone	BRL	50		ug/L	349041	1	01/05/2023 15:34	CM
4-Methyl-2-pentanone	BRL	50		ug/L	349041	1	01/05/2023 15:34	CM
Acetone	BRL	100		ug/L	349041	1	01/05/2023 15:34	CM
Acrylonitrile	BRL	50		ug/L	349041	1	01/05/2023 15:34	CM
Benzene	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
Bromochloromethane	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
Bromodichloromethane	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
Bromoform	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
Bromomethane	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
Carbon disulfide	BRL	5.0		ug/L	349041	1	01/05/2023 15:34	CM
Carbon tetrachloride	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
Chlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
Chloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
Chloroform	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
Chloromethane	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
Dibromochloromethane	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
Dibromomethane	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
Ethylbenzene	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
Iodomethane	BRL	100		ug/L	349041	1	01/05/2023 15:34	CM
Methylene chloride	BRL	5.0		ug/L	349041	1	01/05/2023 15:34	CM
Styrene	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
Tetrachloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
Toluene	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	349041	1	01/05/2023 15:34	CM
Trichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 15:34	CM
Trichlorofluoromethane	BRL	10		ug/L	349041	1	01/05/2023 15:34	CM
Vinyl acetate	BRL	100		ug/L	349041	1	01/05/2023 15:34	CM

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 11-Jan-23

Client:	Atlantic Coast Consulting, Inc.	**Client Sample ID:**	SWC-5
Project Name:	Eagle Point Landfill	**Collection Date:**	1/3/2023 12:11:00 PM
Lab ID:	2301234-004	**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	349041	1	01/05/2023 15:34	CM
Xylenes, Total	BRL	5.0		ug/L	349041	1	01/05/2023 15:34	CM
Surr: 4-Bromofluorobenzene	98.3	75-118		%REC	349041	1	01/05/2023 15:34	CM
Surr: Dibromofluoromethane	96.3	82.5-121		%REC	349041	1	01/05/2023 15:34	CM
Surr: Toluene-d8	104	78.3-118		%REC	349041	1	01/05/2023 15:34	CM
APPENDIX I METALS SW6020B				**(SW3005A)**				
Antimony	BRL	0.00600		mg/L	348835	1	01/05/2023 13:56	HC
Arsenic	0.0372	0.0100		mg/L	348835	1	01/05/2023 13:56	HC
Barium	0.0456	0.0200		mg/L	348835	1	01/05/2023 13:56	HC
Beryllium	BRL	0.00300		mg/L	348835	1	01/05/2023 13:56	HC
Cadmium	BRL	0.00500		mg/L	348835	1	01/05/2023 13:56	HC
Chromium	BRL	0.0100		mg/L	348835	1	01/05/2023 13:56	HC
Cobalt	BRL	0.0400		mg/L	348835	1	01/05/2023 13:56	HC
Copper	BRL	0.0200		mg/L	348835	1	01/05/2023 13:56	HC
Lead	BRL	0.0150		mg/L	348835	1	01/05/2023 13:56	HC
Nickel	BRL	0.0200		mg/L	348835	1	01/05/2023 13:56	HC
Selenium	BRL	0.0100		mg/L	348835	1	01/05/2023 13:56	HC
Silver	BRL	0.0100		mg/L	348835	1	01/05/2023 13:56	HC
Thallium	BRL	0.00200		mg/L	348835	1	01/05/2023 13:56	HC
Vanadium	BRL	0.0200		mg/L	348835	1	01/05/2023 13:56	HC
Zinc	BRL	0.0200		mg/L	348835	1	01/05/2023 13:56	HC

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 11-Jan-23

Client:	Atlantic Coast Consulting, Inc.	**Client Sample ID:**	SWC-9
Project Name:	Eagle Point Landfill	**Collection Date:**	1/3/2023 12:46:00 PM
Lab ID:	2301234-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Organic Carbon (TOC) by SM5310B-2014								
Organic Carbon, Total	1.49	1.00		mg/L	R505691	1	01/06/2023 21:18	AY
Total Cyanide SM4500 CN-C, E-2016					**(SM4500-CN-E)**			
Cyanide, Total	BRL	0.010		mg/L	348919	1	01/05/2023 12:29	JO
METALS, DISSOLVED SW6010D					**(SW3005A)**			
Arsenic	BRL	0.0500		mg/L	348902	1	01/05/2023 15:24	TA
Barium	BRL	0.0200		mg/L	348902	1	01/05/2023 15:24	TA
Cadmium	BRL	0.0050		mg/L	348902	1	01/05/2023 15:24	TA
Chromium	BRL	0.0100		mg/L	348902	1	01/05/2023 15:24	TA
Lead	BRL	0.0100		mg/L	348902	1	01/05/2023 15:24	TA
Nickel	BRL	0.0200		mg/L	348902	1	01/05/2023 15:24	TA
Silver	BRL	0.0100		mg/L	348902	1	01/05/2023 15:24	TA
Zinc	BRL	0.0200		mg/L	348902	1	01/05/2023 15:24	TA
Mercury, Total SW7470A					**(SW7470A)**			
Mercury	BRL	0.00050		mg/L	348986	1	01/05/2023 16:12	GR
Inorganic Anions by IC E300.0								
Chloride	1.82	1.00		mg/L	R505782	1	01/06/2023 21:45	BI
Chemical Oxygen Demand (COD) E410.4								
Chemical Oxygen Demand	BRL	10.0		mg/L	R505402	1	01/05/2023 10:24	AA
METALS, TOTAL SW6010D					**(SW3010A)**			
Selenium	BRL	0.0200		mg/L	348786	1	01/10/2023 16:21	TA

Qualifiers:

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

Client:	Atlantic Coast Consulting, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Eagle Point Landfill	**Collection Date:**	1/3/2023
Lab ID:	2301234-006	**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	349041	1	01/05/2023 13:29	CM
1,1,1-Trichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
1,1,2,2-Tetrachloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
1,1,2-Trichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
1,1-Dichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
1,1-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
1,2,3-Trichloropropane	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	349041	1	01/05/2023 13:29	CM
1,2-Dibromoethane	BRL	1.0		ug/L	349041	1	01/05/2023 13:29	CM
1,2-Dichlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
1,2-Dichloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
1,2-Dichloropropane	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
1,4-Dichlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
2-Butanone	BRL	100		ug/L	349041	1	01/05/2023 13:29	CM
2-Hexanone	BRL	50		ug/L	349041	1	01/05/2023 13:29	CM
4-Methyl-2-pentanone	BRL	50		ug/L	349041	1	01/05/2023 13:29	CM
Acetone	BRL	100		ug/L	349041	1	01/05/2023 13:29	CM
Acrylonitrile	BRL	50		ug/L	349041	1	01/05/2023 13:29	CM
Benzene	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
Bromochloromethane	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
Bromodichloromethane	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
Bromoform	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
Bromomethane	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
Carbon disulfide	BRL	5.0		ug/L	349041	1	01/05/2023 13:29	CM
Carbon tetrachloride	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
Chlorobenzene	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
Chloroethane	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
Chloroform	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
Chloromethane	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
cis-1,2-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
cis-1,3-Dichloropropene	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
Dibromochloromethane	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
Dibromomethane	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
Ethylbenzene	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
Iodomethane	BRL	100		ug/L	349041	1	01/05/2023 13:29	CM
Methylene chloride	BRL	5.0		ug/L	349041	1	01/05/2023 13:29	CM
Styrene	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
Tetrachloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
Toluene	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
trans-1,4-Dichloro-2-butene	BRL	100		ug/L	349041	1	01/05/2023 13:29	CM
Trichloroethene	BRL	2.0		ug/L	349041	1	01/05/2023 13:29	CM
Trichlorofluoromethane	BRL	10		ug/L	349041	1	01/05/2023 13:29	CM
Vinyl acetate	BRL	100		ug/L	349041	1	01/05/2023 13:29	CM

Qualifiers:

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

Client:	Atlantic Coast Consulting, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Eagle Point Landfill	**Collection Date:**	1/3/2023
Lab ID:	2301234-006	**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	349041	1	01/05/2023 13:29	CM
Xylenes, Total	BRL	5.0		ug/L	349041	1	01/05/2023 13:29	CM
Surr: 4-Bromofluorobenzene	99.3	75-118		%REC	349041	1	01/05/2023 13:29	CM
Surr: Dibromofluoromethane	95.5	82.5-121		%REC	349041	1	01/05/2023 13:29	CM
Surr: Toluene-d8	103	78.3-118		%REC	349041	1	01/05/2023 13:29	CM

Qualifiers:

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

Clear | Save as

ANALYTICAL ENVIRONMENTAL SERVICES, INC. AES

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: **Atlantic Coast Consulting, Inc.** AES Work Order Number: **2301234**

2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ■ Courier ☐ Other _____

		Yes	No	N/A	Details	Comments
3.	Shipping container/cooler received in good condition?	◉	○	○	damaged ☐ leaking ☐ other ☐	
4.	Custody seals present on shipping container?	○	◉	○		
5.	Custody seals intact on shipping container?	○	○	◉		
6.	Temperature blanks present?	◉	○	○		
7.	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	◉	○	○	Cooling initiated for recently collected samples / ice present ☐	
8.	Chain of Custody (COC) present?	◉	○	○		
9.	Chain of Custody signed, dated, and timed when relinquished and received?	◉	○	○		
10.	Sampler name and/or signature on COC?	◉	○	○		
11.	Were all samples received within holding time?	◉	○	○		
12.	TAT marked on the COC?	◉	○	○	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. ☐	

13. Cooler 1 Temperature 3.3 °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). CP 1/03/23

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

27. Comments:

I certify that I have completed sections 16-27 (dated initials). EM 1/3/23

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? *	◉	○	○		
29.	Containers meet preservation guidelines?	◉	○	○		
30.	Was pH adjusted at Sample Receipt?	○	○	◉		

* 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). EM 1/3/23

Locked

Client: Atlantic Coast Consulting, Inc.
Project Name: Eagle Point Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 348786

Sample ID: **MB-348786** Client ID: Units: **mg/L** Prep Date: **01/03/2023** Run No: **505596**
SampleType: **MBLK** TestCode: **METALS, TOTAL SW6010D** BatchID: **348786** Analysis Date: **01/05/2023** Seq No: **11866790**

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-348786** Client ID: Units: **mg/L** Prep Date: **01/03/2023** Run No: **505596**
SampleType: **LCS** TestCode: **METALS, TOTAL SW6010D** BatchID: **348786** Analysis Date: **01/05/2023** Seq No: **11866792**

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		102	80	120				

Sample ID: **2212T90-005CMS** Client ID: Units: **mg/L** Prep Date: **01/03/2023** Run No: **505596**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010D** BatchID: **348786** Analysis Date: **01/05/2023** Seq No: **11866795**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Selenium	1.027	0.0200	1.000		103	75	125				

Sample ID: **2212T90-005CMSD** Client ID: Units: **mg/L** Prep Date: **01/03/2023** Run No: **505596**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010D** BatchID: **348786** Analysis Date: **01/05/2023** Seq No: **11866796**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Selenium	1.035	0.0200	1.000		103	75	125	1.027	0.779	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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 348835

Sample ID: **MB-348835** Client ID: Units: **mg/L** Prep Date: **01/05/2023** Run No: **505245**
SampleType: **MBLK** TestCode: **APPENDIX I METALS** **SW6020B** BatchID: **348835** Analysis Date: **01/05/2023** Seq No: **11861044**

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	0.00400									
Cadmium	BRL	0.00500									
Chromium	BRL	0.0200									
Cobalt	BRL	0.0500									
Copper	BRL	0.0200									
Lead	BRL	0.0100									
Nickel	BRL	0.0400									
Selenium	BRL	0.0500									
Silver	BRL	0.00500									
Thallium	BRL	0.00200									
Vanadium	BRL	0.0500									
Zinc	BRL	0.0200									

Sample ID: **LCS-348835** Client ID: Units: **mg/L** Prep Date: **01/05/2023** Run No: **505245**
SampleType: **LCS** TestCode: **APPENDIX I METALS** **SW6020B** BatchID: **348835** Analysis Date: **01/05/2023** Seq No: **11861045**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Antimony	0.1057	0.00600	0.1000		106	80	120				
Arsenic	0.1029	0.0100	0.1000		103	80	120				
Barium	0.1097	0.0200	0.1000		110	80	120				
Beryllium	0.1019	0.00400	0.1000		102	80	120				
Cadmium	0.1061	0.00500	0.1000		106	80	120				
Chromium	0.1050	0.0200	0.1000		105	80	120				
Cobalt	0.1070	0.0500	0.1000		107	80	120				
Copper	0.1082	0.0200	0.1000		108	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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 348835

Sample ID: **LCS-348835** Client ID: Units: **mg/L** Prep Date: **01/05/2023** Run No: **505245**
SampleType: **LCS** TestCode: **APPENDIX I METALS** **SW6020B** BatchID: **348835** Analysis Date: **01/05/2023** Seq No: **11861045**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	0.1111	0.0100	0.1000		111	80	120				
Nickel	0.1063	0.0400	0.1000		106	80	120				
Selenium	0.09862	0.0500	0.1000		98.6	80	120				
Silver	0.01096	0.00500	0.0100		110	80	120				
Thallium	0.1105	0.00200	0.1000		110	80	120				
Vanadium	0.1052	0.0500	0.1000		105	80	120				
Zinc	0.1055	0.0200	0.1000		106	80	120				

Sample ID: **2212W31-001DMS** Client ID: Units: **mg/L** Prep Date: **01/05/2023** Run No: **505245**
SampleType: **MS** TestCode: **APPENDIX I METALS** **SW6020B** BatchID: **348835** Analysis Date: **01/05/2023** Seq No: **11861050**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Antimony	0.1082	0.00600	0.1000		108	75	125				
Arsenic	0.1038	0.0100	0.1000		104	75	125				
Barium	0.1658	0.0200	0.1000	0.05712	109	75	125				
Beryllium	0.1038	0.00400	0.1000		104	75	125				
Cadmium	0.1067	0.00500	0.1000		107	75	125				
Chromium	0.1059	0.0200	0.1000		106	75	125				
Cobalt	0.1088	0.0500	0.1000	0.001899	107	75	125				
Copper	0.1062	0.0200	0.1000		106	75	125				
Lead	0.1097	0.0100	0.1000		110	75	125				
Nickel	0.1228	0.0400	0.1000	0.01624	107	75	125				
Selenium	0.09841	0.0500	0.1000		98.4	75	125				
Silver	0.01091	0.00500	0.0100		109	75	125				
Thallium	0.1098	0.00200	0.1000		110	75	125				
Vanadium	0.1071	0.0500	0.1000		107	75	125				
Zinc	0.1092	0.0200	0.1000		109	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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 348835

Sample ID: **2212W31-001DMSD** Client ID:
SampleType: **MSD** TestCode: **APPENDIX I METALS** **SW6020B**
Units: **mg/L** Prep Date: **01/05/2023** Run No: **505245**
BatchID: **348835** Analysis Date: **01/05/2023** Seq No: **11861052**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Antimony	0.1073	0.00600	0.1000		107	75	125	0.1082	0.879	20	
Arsenic	0.1058	0.0100	0.1000		106	75	125	0.1038	1.84	20	
Barium	0.1638	0.0200	0.1000	0.05712	107	75	125	0.1658	1.23	20	
Beryllium	0.1036	0.00400	0.1000		104	75	125	0.1038	0.186	20	
Cadmium	0.1059	0.00500	0.1000		106	75	125	0.1067	0.722	20	
Chromium	0.1065	0.0200	0.1000		107	75	125	0.1059	0.588	20	
Cobalt	0.1077	0.0500	0.1000	0.001899	106	75	125	0.1088	1.05	20	
Copper	0.1077	0.0200	0.1000		108	75	125	0.1062	1.38	20	
Lead	0.1103	0.0100	0.1000		110	75	125	0.1097	0.484	20	
Nickel	0.1215	0.0400	0.1000	0.01624	105	75	125	0.1228	1.10	20	
Selenium	0.09766	0.0500	0.1000		97.7	75	125	0.09841	0.766	20	
Silver	0.01068	0.00500	0.0100		107	75	125	0.01091	2.14	20	
Thallium	0.1098	0.00200	0.1000		110	75	125	0.1098	0.041	20	
Vanadium	0.1083	0.0500	0.1000		108	75	125	0.1071	1.14	20	
Zinc	0.1080	0.0200	0.1000		108	75	125	0.1092	1.09	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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 348902

Sample ID: **MB-348902** Client ID: Units: **mg/L** Prep Date: **01/05/2023** Run No: **505592**
SampleType: **MBLK** TestCode: **METALS, DISSOLVED** **SW6010D** BatchID: **348902** Analysis Date: **01/05/2023** Seq No: **11868833**

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-348902** Client ID: Units: **mg/L** Prep Date: **01/05/2023** Run No: **505592**
SampleType: **LCS** TestCode: **METALS, DISSOLVED** **SW6010D** BatchID: **348902** Analysis Date: **01/05/2023** Seq No: **11868835**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.009	0.0500	1.000		101	80	120				
Barium	1.013	0.0200	1.000		101	80	120				
Cadmium	1.019	0.0050	1.000		102	80	120				
Chromium	0.9817	0.0100	1.000		98.2	80	120				
Lead	1.033	0.0100	1.000		103	80	120				
Nickel	1.041	0.0200	1.000		104	80	120				
Silver	0.09960	0.0100	0.1000		99.6	80	120				
Zinc	1.052	0.0200	1.000		105	80	120				

Sample ID: **2301234-005FMS** Client ID: **SWC-9** Units: **mg/L** Prep Date: **01/05/2023** Run No: **505592**
SampleType: **MS** TestCode: **METALS, DISSOLVED** **SW6010D** BatchID: **348902** Analysis Date: **01/05/2023** Seq No: **11868844**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.020	0.0500	1.000		102	75	125				
Barium	1.033	0.0200	1.000	0.008940	102	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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 348902

Sample ID: **2301234-005FMS** Client ID: **SWC-9** Units: **mg/L** Prep Date: **01/05/2023** Run No: **505592**
SampleType: **MS** TestCode: **METALS, DISSOLVED** **SW6010D** BatchID: **348902** Analysis Date: **01/05/2023** Seq No: **11868844**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cadmium	1.022	0.0050	1.000		102	75	125				
Chromium	0.9878	0.0100	1.000		98.8	75	125				
Lead	1.038	0.0100	1.000		104	75	125				
Nickel	1.017	0.0200	1.000		102	75	125				
Silver	0.09992	0.0100	0.1000		99.9	75	125				
Zinc	1.054	0.0200	1.000		105	75	125				

Sample ID: **2301234-005FMSD** Client ID: **SWC-9** Units: **mg/L** Prep Date: **01/05/2023** Run No: **505592**
SampleType: **MSD** TestCode: **METALS, DISSOLVED** **SW6010D** BatchID: **348902** Analysis Date: **01/05/2023** Seq No: **11868851**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.022	0.0500	1.000		102	75	125	1.020	0.219	20	
Barium	1.022	0.0200	1.000	0.008940	101	75	125	1.033	0.995	20	
Cadmium	1.008	0.0050	1.000		101	75	125	1.022	1.37	20	
Chromium	0.9786	0.0100	1.000		97.9	75	125	0.9878	0.944	20	
Lead	1.026	0.0100	1.000		103	75	125	1.038	1.23	20	
Nickel	1.003	0.0200	1.000		100	75	125	1.017	1.42	20	
Silver	0.09885	0.0100	0.1000		98.8	75	125	0.09992	1.08	20	
Zinc	1.042	0.0200	1.000		104	75	125	1.054	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: Eagle Point Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 348919

Sample ID: **MB-348919**	Client ID:			Units: **mg/L**	Prep Date: **01/04/2023**	Run No: **505447**
SampleType: **MBLK**	TestCode: **Total Cyanide SM4500 CN-C, E-2016**			BatchID: **348919**	Analysis Date: **01/05/2023**	Seq No: **11860227**

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-348919**	Client ID:			Units: **mg/L**	Prep Date: **01/04/2023**	Run No: **505447**
SampleType: **LCS**	TestCode: **Total Cyanide SM4500 CN-C, E-2016**			BatchID: **348919**	Analysis Date: **01/05/2023**	Seq No: **11860229**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cyanide, Total	0.09800	0.010	0.1000		98.0	85	115				

Sample ID: **2301234-005AMS**	Client ID: **SWC-9**			Units: **mg/L**	Prep Date: **01/04/2023**	Run No: **505447**
SampleType: **MS**	TestCode: **Total Cyanide SM4500 CN-C, E-2016**			BatchID: **348919**	Analysis Date: **01/05/2023**	Seq No: **11860234**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cyanide, Total	0.1080	0.010	0.1000		108	90	110				

Sample ID: **2301234-005AMSD**	Client ID: **SWC-9**			Units: **mg/L**	Prep Date: **01/04/2023**	Run No: **505447**
SampleType: **MSD**	TestCode: **Total Cyanide SM4500 CN-C, E-2016**			BatchID: **348919**	Analysis Date: **01/05/2023**	Seq No: **11860236**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cyanide, Total	0.1000	0.010	0.1000		100	90	110	0.1080	7.69	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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 348986

Sample ID: **MB-348986**	Client ID:				Units: **mg/L**		Prep Date: **01/05/2023**		Run No: **505446**
SampleType: **MBLK**	TestCode: **Mercury, Total SW7470A**				BatchID: **348986**		Analysis Date: **01/05/2023**		Seq No: **11862060**
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-348986**	Client ID:				Units: **mg/L**		Prep Date: **01/05/2023**		Run No: **505446**
SampleType: **LCS**	TestCode: **Mercury, Total SW7470A**				BatchID: **348986**		Analysis Date: **01/05/2023**		Seq No: **11862061**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.004287	0.00020	0.0040		107	80	120				

Sample ID: **2212W31-001DMS**	Client ID:				Units: **mg/L**		Prep Date: **01/05/2023**		Run No: **505446**
SampleType: **MS**	TestCode: **Mercury, Total SW7470A**				BatchID: **348986**		Analysis Date: **01/05/2023**		Seq No: **11862063**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003961	0.00020	0.0040		99.0	75	125				

Sample ID: **2212W31-001DMSD**	Client ID:				Units: **mg/L**		Prep Date: **01/05/2023**		Run No: **505446**
SampleType: **MSD**	TestCode: **Mercury, Total SW7470A**				BatchID: **348986**		Analysis Date: **01/05/2023**		Seq No: **11862064**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.004368	0.00020	0.0040		109	75	125	0.003961	9.77	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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 349041

Sample ID: **MB-349041** Client ID: Units: **ug/L** Prep Date: **01/05/2023** Run No: **505527**
SampleType: **MBLK** TestCode: **APPENDIX I VOLATILE ORGANICS SW8260D** BatchID: **349041** Analysis Date: **01/05/2023** Seq No: **11862804**

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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 349041

Sample ID: **MB-349041** Client ID: Units: **ug/L** Prep Date: **01/05/2023** Run No: **505527**
SampleType: **MBLK** TestCode: **APPENDIX I VOLATILE ORGANICS SW8260D** BatchID: **349041** Analysis Date: **01/05/2023** Seq No: **11862804**

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	49.34	0	50.00		98.7	75	118				
Surr: Dibromofluoromethane	49.64	0	50.00		99.3	82.5	121				
Surr: Toluene-d8	51.75	0	50.00		104	78.3	118				

Sample ID: **LCS-349041** Client ID: Units: **ug/L** Prep Date: **01/05/2023** Run No: **505527**
SampleType: **LCS** TestCode: **APPENDIX I VOLATILE ORGANICS SW8260D** BatchID: **349041** Analysis Date: **01/05/2023** Seq No: **11862805**

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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 349041

Sample ID: **LCS-349041** Client ID: Units: **ug/L** Prep Date: **01/05/2023** Run No: **505527**
SampleType: **LCS** TestCode: **APPENDIX I VOLATILE ORGANICS SW8260D** BatchID: **349041** Analysis Date: **01/05/2023** Seq No: **11862805**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	42.46	5.0	50.00		84.9	71	130				
Benzene	45.79	5.0	50.00		91.6	80.4	126				
Chlorobenzene	49.63	5.0	50.00		99.3	81	120				
Toluene	50.37	5.0	50.00		101	79.2	124				
Trichloroethene	50.32	5.0	50.00		101	78.4	125				
Surr: 4-Bromofluorobenzene	51.72	0	50.00		103	75	118				
Surr: Dibromofluoromethane	49.83	0	50.00		99.7	82.5	121				
Surr: Toluene-d8	53.60	0	50.00		107	78.3	118				

Sample ID: **2301234-004AMS** Client ID: **SWC-5** Units: **ug/L** Prep Date: **01/05/2023** Run No: **505527**
SampleType: **MS** TestCode: **APPENDIX I VOLATILE ORGANICS SW8260D** BatchID: **349041** Analysis Date: **01/05/2023** Seq No: **11862820**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	44.23	5.0	50.00		88.5	67.6	143				
Benzene	46.39	5.0	50.00		92.8	70.5	136				
Chlorobenzene	51.66	5.0	50.00		103	77.1	133				
Toluene	51.85	5.0	50.00		104	66.4	140				
Trichloroethene	52.64	5.0	50.00		105	75.1	140				
Surr: 4-Bromofluorobenzene	51.23	0	50.00		102	75	118				
Surr: Dibromofluoromethane	49.00	0	50.00		98.0	82.5	121				
Surr: Toluene-d8	52.83	0	50.00		106	78.3	118				

Sample ID: **2301234-001ADUP** Client ID: **GWC-6** Units: **ug/L** Prep Date: **01/05/2023** Run No: **505527**
SampleType: **DUP** TestCode: **APPENDIX I VOLATILE ORGANICS SW8260D** BatchID: **349041** Analysis Date: **01/05/2023** Seq No: **11862819**

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						0	0	20	
1,1,1-Trichloroethane	BRL	5.0						0	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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 349041

Sample ID: **2301234-001ADUP** Client ID: **GWC-6** Units: **ug/L** Prep Date: **01/05/2023** Run No: **505527**
SampleType: **DUP** TestCode: **APPENDIX I VOLATILE ORGANICS SW8260D** BatchID: **349041** Analysis Date: **01/05/2023** Seq No: **11862819**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,2,2-Tetrachloroethane	BRL	5.0						0	0	20	
1,1,2-Trichloroethane	BRL	5.0						0	0	20	
1,1-Dichloroethane	BRL	5.0						0	0	20	
1,1-Dichloroethene	BRL	5.0						0	0	20	
1,2,3-Trichloropropane	BRL	5.0						0	0	20	
1,2-Dibromo-3-chloropropane	BRL	5.0						0	0	20	
1,2-Dibromoethane	BRL	5.0						0	0	20	
1,2-Dichlorobenzene	BRL	5.0						0	0	20	
1,2-Dichloroethane	BRL	5.0						0	0	20	
1,2-Dichloropropane	BRL	5.0						0	0	20	
1,4-Dichlorobenzene	BRL	5.0						0	0	20	
2-Butanone	BRL	50						0	0	20	
2-Hexanone	BRL	10						0	0	20	
4-Methyl-2-pentanone	BRL	10						0	0	20	
Acetone	BRL	50						0	0	20	
Acrylonitrile	BRL	5.0						0	0	20	
Benzene	BRL	5.0						0	0	20	
Bromochloromethane	BRL	5.0						0	0	20	
Bromodichloromethane	BRL	5.0						0	0	20	
Bromoform	BRL	5.0						0	0	20	
Bromomethane	BRL	5.0						0	0	20	
Carbon disulfide	BRL	5.0						0	0	20	
Carbon tetrachloride	BRL	5.0						0	0	20	
Chlorobenzene	BRL	5.0						0	0	20	
Chloroethane	BRL	10						0	0	20	
Chloroform	BRL	5.0						0	0	20	
Chloromethane	BRL	10						0	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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: 349041

Sample ID: **2301234-001ADUP** Client ID: **GWC-6** Units: **ug/L** Prep Date: **01/05/2023** Run No: **505527**
SampleType: **DUP** TestCode: **APPENDIX I VOLATILE ORGANICS SW8260D** BatchID: **349041** Analysis Date: **01/05/2023** Seq No: **11862819**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0						0	0	20	
cis-1,3-Dichloropropene	BRL	5.0						0	0	20	
Dibromochloromethane	BRL	5.0						0	0	20	
Dibromomethane	BRL	5.0						0	0	20	
Ethylbenzene	BRL	5.0						0	0	20	
Iodomethane	BRL	10						0	0	20	
Methylene chloride	BRL	5.0						0	0	20	
Styrene	BRL	5.0						0	0	20	
Tetrachloroethene	BRL	5.0						0	0	20	
Toluene	BRL	5.0						0	0	20	
trans-1,2-Dichloroethene	BRL	5.0						0	0	20	
trans-1,3-Dichloropropene	BRL	5.0						0	0	20	
trans-1,4-Dichloro-2-butene	BRL	10						0	0	20	
Trichloroethene	BRL	5.0						0	0	20	
Trichlorofluoromethane	BRL	5.0						0	0	20	
Vinyl acetate	BRL	10						0	0	20	
Vinyl chloride	BRL	2.0						0	0	20	
Xylenes, Total	BRL	10						0	0	20	
Surr: 4-Bromofluorobenzene	49.25	0	50.00		98.5	75	118	48.57	0	0	
Surr: Dibromofluoromethane	47.92	0	50.00		95.8	82.5	121	47.51	0	0	
Surr: Toluene-d8	51.42	0	50.00		103	78.3	118	51.52	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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: R505402

Sample ID: **MB-R505402**	Client ID:			Units: **mg/L**	Prep Date:		Run No: **505402**
SampleType: **MBLK**	TestCode: **Chemical Oxygen Demand (COD) E410.4**			BatchID: **R505402**	Analysis Date: **01/05/2023**		Seq No: **11859556**

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-R505402**	Client ID:			Units: **mg/L**	Prep Date:		Run No: **505402**
SampleType: **LCS**	TestCode: **Chemical Oxygen Demand (COD) E410.4**			BatchID: **R505402**	Analysis Date: **01/05/2023**		Seq No: **11859557**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	511.8	10.0	500.0		102	90	110				

Sample ID: **2301180-001CMS**	Client ID:			Units: **mg/L**	Prep Date:		Run No: **505402**
SampleType: **MS**	TestCode: **Chemical Oxygen Demand (COD) E410.4**			BatchID: **R505402**	Analysis Date: **01/05/2023**		Seq No: **11859559**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	408.6	12.5	375.0	32.92	100	90	110				

Sample ID: **2301274-001BMS**	Client ID:			Units: **mg/L**	Prep Date:		Run No: **505402**
SampleType: **MS**	TestCode: **Chemical Oxygen Demand (COD) E410.4**			BatchID: **R505402**	Analysis Date: **01/05/2023**		Seq No: **11859572**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	597.9	12.5	375.0	224.5	99.6	90	110				

Sample ID: **2301180-001CMSD**	Client ID:			Units: **mg/L**	Prep Date:		Run No: **505402**
SampleType: **MSD**	TestCode: **Chemical Oxygen Demand (COD) E410.4**			BatchID: **R505402**	Analysis Date: **01/05/2023**		Seq No: **11859560**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	400.3	12.5	375.0	32.92	98.0	90	110	408.6	2.06	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 Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: R505691

Sample ID: **MB-R505691**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **505691**
SampleType: **MBLK**	TestCode: **Total Organic Carbon (TOC) by SM5310B-2014**				BatchID: **R505691**		Analysis Date: **01/06/2023**		Seq No: **11866019**
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-R505691**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **505691**
SampleType: **LCS**	TestCode: **Total Organic Carbon (TOC) by SM5310B-2014**				BatchID: **R505691**		Analysis Date: **01/06/2023**		Seq No: **11866016**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Organic Carbon, Total	26.96	1.00	25.00		108	85	115				

Sample ID: **2301483-001AMS**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **505691**
SampleType: **MS**	TestCode: **Total Organic Carbon (TOC) by SM5310B-2014**				BatchID: **R505691**		Analysis Date: **01/06/2023**		Seq No: **11866021**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Organic Carbon, Total	24.76	1.00	25.00		99.0	85	115				

Sample ID: **2301483-001AMSD**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **505691**
SampleType: **MSD**	TestCode: **Total Organic Carbon (TOC) by SM5310B-2014**				BatchID: **R505691**		Analysis Date: **01/06/2023**		Seq No: **11866022**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Organic Carbon, Total	25.58	1.00	25.00		102	85	115	24.76	3.26	15	

Qualifiers:

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

Client: Atlantic Coast Consulting, Inc.
Project Name: Eagle Point Landfill
Workorder: 2301234

ANALYTICAL QC SUMMARY REPORT

BatchID: R505782

Sample ID: **MB-R505782**	Client ID:			Units: **mg/L**	Prep Date:	Run No: **505782**
SampleType: **MBLK**	TestCode: **Inorganic Anions by IC** **E300.0**			BatchID: **R505782**	Analysis Date: **01/06/2023**	Seq No: **11868639**

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-R505782**	Client ID:			Units: **mg/L**	Prep Date:	Run No: **505782**
SampleType: **LCS**	TestCode: **Inorganic Anions by IC** **E300.0**			BatchID: **R505782**	Analysis Date: **01/06/2023**	Seq No: **11868638**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	9.980	1.00	10.00		99.8	90	110				

Sample ID: **2301527-001BMS**	Client ID:			Units: **mg/L**	Prep Date:	Run No: **505782**
SampleType: **MS**	TestCode: **Inorganic Anions by IC** **E300.0**			BatchID: **R505782**	Analysis Date: **01/07/2023**	Seq No: **11868674**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	9.850	1.00	10.00		98.5	90	110				

Sample ID: **2301527-002BMS**	Client ID:			Units: **mg/L**	Prep Date:	Run No: **505782**
SampleType: **MS**	TestCode: **Inorganic Anions by IC** **E300.0**			BatchID: **R505782**	Analysis Date: **01/07/2023**	Seq No: **11868676**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	9.858	1.00	10.00		98.6	90	110				

Sample ID: **2301527-001BMSD**	Client ID:			Units: **mg/L**	Prep Date:	Run No: **505782**
SampleType: **MSD**	TestCode: **Inorganic Anions by IC** **E300.0**			BatchID: **R505782**	Analysis Date: **01/07/2023**	Seq No: **11868675**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	10.28	1.00	10.00		103	90	110	9.850	4.29	20	

Qualifiers:

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

End of Report