

SEMI-ANNUAL WATER QUALITY MONITORING REPORT

SECOND EVENT OF 2022 (N44)

EAGLE POINT MSW LANDFILL
FORSYTH COUNTY, GEORGIA
FACILITY PERMIT #058-012D (MSWL)

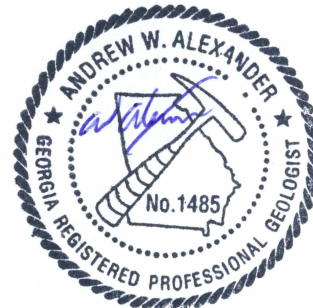


Prepared For:

Eagle Point Landfill, LLC
8880 Old Federal Road
Ball Ground, Georgia 30107

BLE Project Number J22-1472-178

November 18, 2022



PEF002542 Exp. 06/30/2024



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BLECORP.COM



November 18, 2022

Eagle Point Landfill, LLC
8880 Old Federal Road
Ball Ground, Georgia 30107

Attention: Mr. Scott Mann

Subject: **Semi-Annual Water Quality Report
Second Event of 2022 (N44)**
Eagle Point MSW Landfill
Forsyth County, Georgia
Solid Waste Permit Number 058-012D (MSWL)
BLE Project Number J22-1472-178

Mr. Mann:

As authorized, Bunnell-Lammons Engineering, Inc. (BLE) has performed the statistical analysis of groundwater quality data obtained during sampling event N44 at the Eagle Point MSW Landfill in Forsyth County, Georgia. The enclosed report describes the work performed and presents the results obtained. The purpose of this work is to: 1) statistically compare the laboratory analytical results of groundwater samples from the background monitoring wells to the downgradient monitoring wells at the subject municipal solid waste (MSW) landfill in accordance with Georgia solid waste regulations; and 2) prepare a report of the sampling event and statistical results for submittal to the Georgia Department of Natural Resources, Environmental Protection Division in accordance with Rule 391-3-4-.14.

We appreciate the opportunity to serve as your geological consultant on this project and look forward to working with you on future projects. If you have any questions, please contact us at (864) 288-1265.

Sincerely,

BUNNELL LAMMONS ENGINEERING INC.
PEF002542 Exp. 06/30/2024

Riley L. Blais, G.I.T.
Staff Hydrogeologist

Andrew W. Alexander, P.G.
Consultant Geologist
Registered, Georgia #1485



TABLE OF CONTENTS

1.0 BACKGROUND INFORMATION 1

2.0 FIELD ACTIVITIES, SAMPLING, AND ANALYSIS 2

3.0 GROUNDWATER FLOW 2

4.0 SUMMARY OF LABORATORY RESULTS 3

4.1 Groundwater Results..... 3

4.2 Underdrain Results..... 3

4.3 Surface Water Results 3

5.0 STATISTICAL METHODS PERFORMED..... 3

6.0 SUMMARY OF STATISTICAL RESULTS..... 4

7.0 FINDINGS AND RECOMMENDATIONS..... 4

8.0 STATEMENT OF CERTIFICATION 5

TABLES

Table 1 Groundwater Elevation Data

Table 2 Range of Groundwater Flow Velocities

Table 3 Summary of Statistical Analysis Results

FIGURES

Figure 1 Site Location Map

Figure 2 Groundwater Elevation Contour Map – July 5, 2022

APPENDICES

Appendix A Field Sampling Logs and Laboratory Analytical Results

Appendix B Summary Tables of Groundwater Analytical Results

Appendix C Summary Tables of Underdrain Analytical Results

Appendix D Summary Tables and Charts of Surface Water Analytical Results

Appendix E Statistical Calculations

1.0 BACKGROUND INFORMATION

The Eagle Point MSW Landfill is located in Forsyth County, Georgia (**Figure 1**). There are thirty-four (34) groundwater monitoring wells at the site consisting of two (2) background wells and thirty-two (32) downgradient wells. Additionally, there are four (4) underdrain sampling locations and nine (9) surface water sampling locations. New monitoring wells and surface water sampling locations have been added to the environmental monitoring system for the site as new waste cells have been developed. C&D Cells No. 3A, 3B, and 4, and MSW Cells No. 1A, 1B, 2A, 2B, and 5 through 16B have been constructed. The resulting monitoring systems are summarized in the following three tables.

GROUNDWATER MONITORING SYSTEM			
Background Wells	Downgradient Wells		
GWA-1	GWC-1	GWC-10	GWC-19
GWA-2	GWC-2	GWC-10D (sample if GWC-10 dry)	GWC-20
	GWC-3	GWC-11	GWC-21
	GWC-4	GWC-12R	GWC-22
	GWC-5	GWC-13 (water level only)	GWC-23
	GWC-6	GWC-13R	GWC-24
	GWC-7	GWC-14R	GWC-25
	GWC-7A	GWC-15	GWC-26
	GWC-8	GWC-16	GWC-27
	GWC-9	GWC-17	GWC-28
		GWC-18	GWC-29

UNDERDRAIN MONITORING SYSTEM
SWC-5
SWC-6
SWC-7
SWC-8

SURFACE WATER MONITORING SYSTEM		
Background Location	Downgradient Locations	
SWA-1	SWC-1	SWC-10
	SWC-2	SWC-11
	SWC-4	SWC-12
	SWC-9	SWC-13

This report presents data from the second semi-annual sampling event in 2022. Additionally, this is the:

- N11 sampling event for wells GWC-24, GWC-25, and GWC-26 (installed in May 2018 for Cell No. 15).
- N11 sampling event for wells GWC-27, GWC-28, and GWC-29 (installed in September 2018 for the Leachate Pond).
- N8 sampling event for wells GWC-22 and GWC-23 (installed in July 2020 for Cell No. 16B).

A total of forty-four (44) semi-annual sampling events have been performed between March 2002 and July 2022. The water samples were collected and analyzed in accordance with the Design and Operations Plan (D&O).

2.0 FIELD ACTIVITIES, SAMPLING, AND ANALYSIS

The semi-annual water quality sampling for event N44 was performed on July 5-8, 2022. Sampling activities were performed by Environmental Monitoring Services, Inc. (EMS) of Ackworth, Georgia, and analyzed by Eurofins Testing America (Eurofins) of Savannah, Georgia.

Field sampling procedures and laboratory testing followed the facility’s most recently EPD-approved D&O. Specific field sampling procedures used by EMS (i.e., methods and equipment [pumps, tubing, bailers, etc.] used for each well) and analytical methods performed by Eurofins are included in the sampling/laboratory report attached in **Appendix A**.

Groundwater samples were collected from 32 of the 34 well locations. Monitoring wells GWC-10 and GWC-13 were not sampled, as GWC-10 is occasionally dry and GWC-13 is normally dry; therefore, the deeper wells next to them (GWC-10D and GWC-13R) were sampled. The groundwater samples were analyzed in the laboratory by Eurofins for the EPD *Appendix I* list of constituents consisting of total metals and volatile organic compounds (VOCs) and in the field by EMS for pH, specific conductance, temperature, and turbidity. Groundwater monitoring wells GWC-7, GWC-17, GWC-18, GWC-19, and GWC-21 were resampled on August 24, 2022, to confirm detections of chromium, cobalt, and cis 1,2-dichloroethene. The sampling results are included in the summary table in **Appendix B**.

Water samples were collected from the 4 underdrain sampling locations (SWC-5, SWC-6, SWC-7, and SWC-8). The underdrain samples were analyzed in the laboratory by Eurofins for the *Appendix I* list of compounds consisting of total metals and VOCs and in the field by EMS for pH, specific conductance, temperature, and turbidity. The sampling results are included in the summary table in **Appendix C**.

Surface water samples were collected from 5 of the 9 surface water locations. Surface water samples SWC-4, SWC-11, SWC-12, and SWC-13 were dry at the time of sampling and no samples were collected. Surface water samples collected from locations SWC-1, SWC-2, and SWC-10 and were analyzed in the laboratory by Eurofins for the EPD *Appendix I* list of compounds consisting of total metals and VOCs, and in the field by EMS for field parameters. Surface water locations SWA-1 and SWC-9 were analyzed for dissolved metals, chloride, chemical oxygen demand (COD), total organic carbon (TOC), cyanide, total mercury, total selenium, and field parameters. The sampling results are included in the summary table in **Appendix D**. Surface water location SWC-1 was resampled on August 24, 2022, to confirm the detection of cis 1,2-dichloroethene. The sampling results are included in the summary table in **Appendix D**.

3.0 GROUNDWATER FLOW

Water level data collected on July 5, 2022, are presented in **Table 1** and estimated groundwater flow velocities are summarized in **Table 2**. A groundwater elevation contour map which includes groundwater flow directions is presented on **Figure 2**. Groundwater flow is generally, to the south and east across the site.

4.0 SUMMARY OF LABORATORY RESULTS

4.1 Groundwater Results

Concentrations of total barium (19 wells), total cobalt (7 wells), total nickel (1 well), total selenium (1 well), total zinc (5 wells), and benzene (2 wells) were detected in the groundwater samples during event N44. None of the detected concentrations exceeded Georgia’s primary groundwater maximum contaminant levels (MCL)¹. Summary tables of current and historic sampling events are included in **Appendix B**.

4.2 Underdrain Results

Concentrations of total arsenic (3 underdrains), total barium (2 underdrains), and total cobalt (4 underdrains) were detected in the water samples collected from the underdrain locations during the N44 semi-annual sampling event. The concentration of total arsenic exceeded the Georgia primary MCL at locations SWC-5, SWC-6, and SWC-7; the other detected concentrations did not exceed the established MCL. Summary tables of current and historic sampling events are included in **Appendix C**.

4.3 Surface Water Results

Laboratory concentrations of chloride, TOC, total barium, total nickel, total cobalt, total copper, and total zinc were detected in the surface water locations sampled during event N44. The only field parameter detected below the established Georgia in-stream water quality standard (ISWQS)² was pH at surface water location SWC-1. Summary tables and charts of current and historic sampling events are included in **Appendix D**.

5.0 STATISTICAL METHODS PERFORMED

The purpose of performing statistical analysis of groundwater quality data is to determine if the landfill has impacted the groundwater at the site. The U.S. Environmental Protection Agency (EPA) has prepared a guidance document for handling groundwater quality data titled *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities – Unified Guidance* (March 2009). The procedures and methodology used for the data analysis of this project are consistent with the USEPA guidance document and meet or exceed the performance criteria specified in the EPD solid waste management rule 391-3-4-.14(19). The methods of statistical analysis performed depended on the number of detected concentrations and the distribution of the data for a specific compound, as follows:

1. If less than 15% of the data were not detected, and if the data were normally distributed and homogeneous, then one-way parametric analysis of variance (ANOVA) was performed. If the data were not normally distributed and homogeneous, then a non-parametric type test was used (Kruskal-Wallis);
2. If 15% to 90% of the data were not detected, the one-way non-parametric ANOVA Kruskal-Wallis rank-sum test was performed;

¹ Georgia’s groundwater MCLs are based on primary drinking water standards as set forth in EPD’s water supply regulations 391-3-5-.18.

² Georgia’s surface water ISWQS are based on Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(ii)(iii)&(iv).

3. Alternatively, if greater than 50% of the data were not detected, non-parametric Prediction Limits were performed, or if less than 50% of the data were not detected, Normal Prediction Limits were performed;
4. Wilcoxon rank-sum tests were performed, as needed, for those wells that failed the initial parametric ANOVA, Kruskal-Wallis, or Prediction Limits tests; and
5. Intrawell comparisons were performed, as needed, using Shewhart-CUSUM control charts or Kendall-Mann Trend tests for those wells that failed the initial parametric ANOVA, Kruskal-Wallis, or Prediction Limits tests.

Due to the complexities of the groundwater medium and the nature of statistical testing, there are numerous reasons why a test may exhibit a statistically significant result; however, these may or may not be indications of an actual release from the regulated unit. An SSI is the result of the application of mathematical equations to evaluate the variability of water quality data over time by mathematical means.

6.0 SUMMARY OF STATISTICAL RESULTS

The statistical analysis was performed on constituents that have been historically detected and those that were detected during the current sampling event. Statistical results summarized in **Table 5** and included in **Appendix D** indicate that SSIs were calculated for:

- Total barium: GWC-6, GWC-8, GWC-9, GWC-11, GWC-15, and GWC-16;
 - Total cobalt: GWC-9, GWC-11, and GWC-12R;
 - Total selenium: GWC-11;
 - Total zinc: GWC-9; and
 - Total benzene: GWC-12R.
- The following were not calculated as SSIs, but are considered SSIs based on the "Double Quantification Rule" in EPA's *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities* (Unified Guidance, 2009): benzene in GWC-11.

7.0 FINDINGS AND RECOMMENDATIONS

During the July 2022 second semi-annual sampling event (N44), laboratory concentrations of various inorganic constituents and field parameters were detected in the groundwater, underdrain, and surface water samples. One VOC, benzene was detected in wells GWC-11 and GWC-12R. However, the concentrations did not exceed the Georgia MCL. The only constituent detected exceedance of a Georgia MCL was total arsenic at underdrain locations SWC-5, SWC-6, and SWC-7. Additionally, one field parameter pH was below its established ISWQ in surface water location SWC-1.

Total metal SSIs included total barium (GWC-6, GWC-8, GWC-9, GWC-11, GWC-15, and GWC-16), total cobalt (GWC-9, GWC-11, and GWC-12R), total selenium (GWC-11), and total zinc (GWC-9). Concentrations of total metals are routinely detected in the groundwater samples collected at the site. The most likely source of total metals is from their natural occurrence within the geologic formation material contained in the residual soils and bedrock underlying the site (i.e. alternative source). The EPD required an alternative source demonstration (ASD) for the past detections of total cobalt; consequently, BLE prepared

an ASD report³, which was approved by the EPD on November 24, 2015. Although the ASD was prepared for historic detections of total cobalt, the ASD report also included pervasive detections of other naturally occurring metals in background native soil samples, (i.e., a natural alternative source as related to detections in groundwater).

The only VOC SSIs were benzene in wells GWC-11 and GWC-12R, which were detected during the current sampling event below the Georgia MCL of 5.0 µg/l. Additionally, the concentrations of benzene are “statistically” below the MCL of 5.0 µg/l. Assessment monitoring has been initiated (July 2017). Groundwater from background monitoring wells GWA-1 and GWA-2, and compliance monitoring well GWC-12R were tested in the laboratory for the complete *Appendix II* list of parameters during each July event; however, no other non-*Appendix I* constituents were detected. In July 2022, the facility submitted a request to the EPD to add monitoring well GWC-11 to the *Appendix II* subset of wells due to the second consecutive detection of benzene. Once approved by the EPD, BLE recommends adding monitoring well GWC-11 to the *Appendix II* subset of wells starting with the July 2023 event.

As a result of historical total arsenic detections exceeding the Georgia MCL at underdrain locations SWC-5, SWC-6, and SWC-7, the EPD issued a letter to ADS dated September 28, 2017, stating that an ASD should be prepared for the total arsenic detections. An ASD report⁴ was prepared by BLE addressing the arsenic detections, which concluded the source of the arsenic was naturally occurring arsenic in the site’s sediments and not sourced from leachate. The ASD was reviewed and approved by the EPD in their letter dated January 4, 2018.

8.0 STATEMENT OF CERTIFICATION

I, Andrew W. Alexander, P.G., certify that I am a qualified groundwater scientist demonstrated by a Georgia state-registered professional geologist certification. I have sufficient training and experience in groundwater hydrology and related fields to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report has been prepared by me or a subordinate working under my direction.

For those constituents that the EPD has established groundwater and surface water standards, BLE certifies that the facility is in compliance with those standards during the current semi-annual sampling event without regard to statistical significance, except for total arsenic in underdrain locations SWC-5, SWC-6, and SWC-7 and pH in surface water location SWC-1. This certification is based solely on the field sampling and analytical information provided to us by the field sampling and laboratory testing contractors.

The facility is currently in Assessment Monitoring (as of July 2017) (EPD Rule 391-3-4-.14(29)) because the benzene concentrations are statistically significant, but statistically below the groundwater protection standard in well GWC-12R.

³ *Alternate Source Demonstration for Cobalt in Groundwater, Eagle Point MSW Landfill, Forsyth County, Georgia*, BLE Project Number J15-1472-102, dated November 18, 2015.

⁴ *Alternative Source Demonstration for Arsenic in Underdrains, Eagle Point MSW Landfill, Forsyth County, Georgia*, BLE Project Number J17-1472-129, dated December 14, 2017.

TABLES

TABLE 2

RANGE OF GROUNDWATER FLOW VELOCITIES

Eagle Point MSW Landfill

Forsyth County, Georgia

BLE Project Number J22-1472-178

July 5, 2022	Hydraulic Conductivity			Hydraulic Grad. (ft/ft)	Effective Porosity	Flow Vel. (ft/day)	Flow Vel. (ft/year)
	K(ft/min)	K(cm/sec)	K(ft/day)				
High Flow Velocity Estimate	9.4E-03	4.8E-03	14	0.24	20%	1.6E+01	6007
Low Flow Velocity Estimate	4.4E-05	2.2E-05	0.063	0.016	40%	2.6E-03	0.9
Geometric Mean Flow Velocity	6.4E-04	3.3E-04	0.92	0.063	28%	2.1E-01	75.2

1. Hydraulic conductivity and porosity measurements are from AT&E Inc.'s *Report of Hydrogeologic Assessment*, dated April 25, 1997 (revised July 10, 1998), AT&E Job Number 15681-A.
2. The hydraulic gradients were measured from the current water table elevation contour map (Figure 2).
The high gradient was measured between the 1000 and 1040 ft contours near GWC-12R.
The low gradient was measured between the 1000 and 1010 ft contours near GWC-7A.
3. Groundwater velocity derived from $V = Ki/n_e$ where:
K = hydraulic conductivity, i = hydraulic gradient, and n_e = effective porosity.
4. The *high* and *low velocity* estimates are maximized values based on available site hydraulic data.
The *geometric mean* velocity is more likely to resemble site conditions.

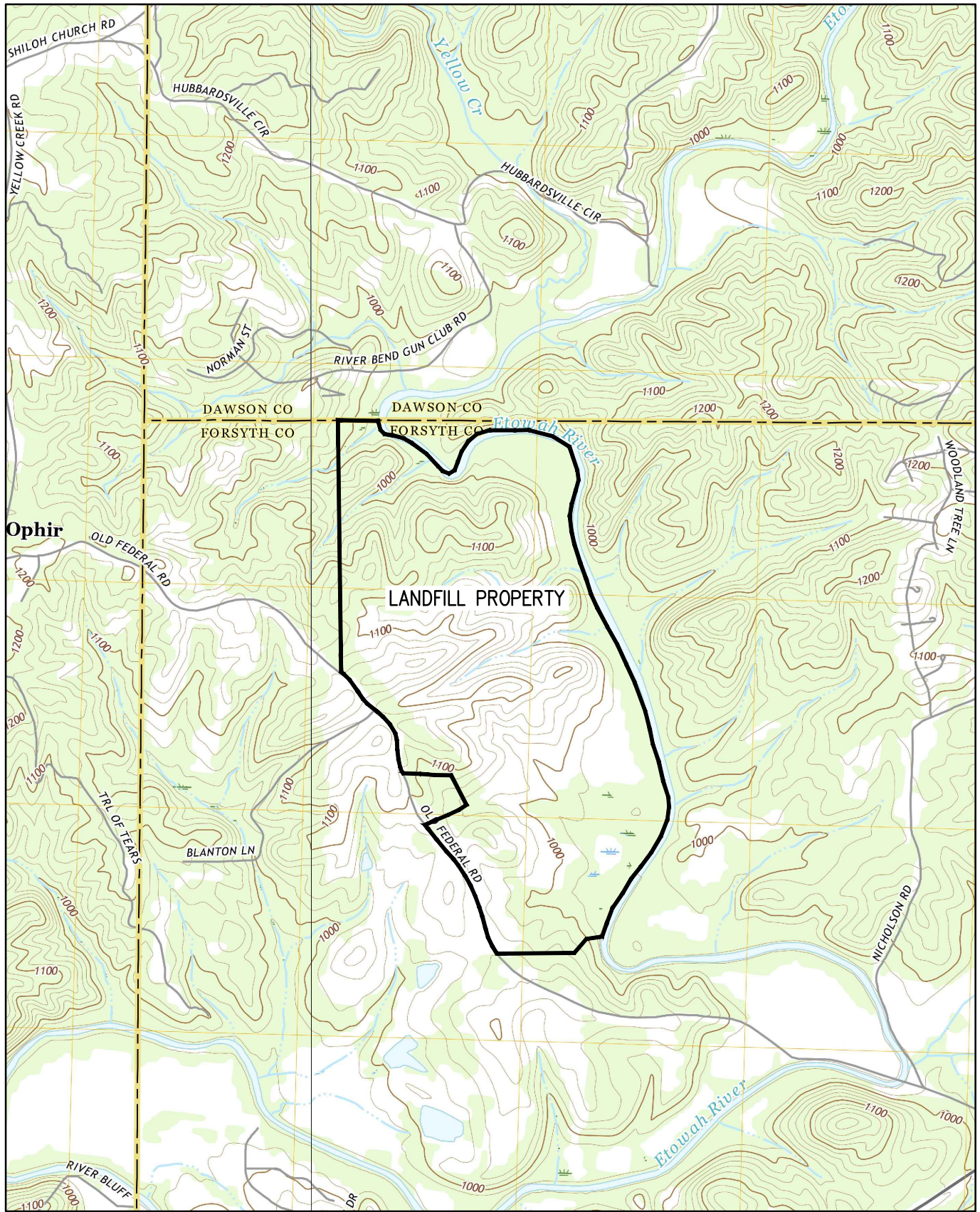
TABLE 3
SUMMARY OF STATISTICAL ANALYSIS RESULTS
Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178

Chemical/Compound	Percent ND	Interwell Statistical Test	Interwell Pass/Fail	Intrawell Statistical Test	Intrawell Pass/Fail	SSI Calculated Offending Compliance Wells	SSI Based on "Double Quantification Rule" ⁽⁷⁾ Offending Compliance Wells	ASD Completed	Monitoring Status	Is current SSI concentration statistically above GWPS?	Corrective Action
Total Arsenic	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection	-	No
Total Barium	39%	Kruskal-Wallis	Fail	Shewhart-CUSUM, Wilcoxon, or Kendell-Mann	Fail	Yes (GWC-6, GWC-8, GWC-9, GWC-11, GWC-15, and GWC-16)	-	Yes⁶	Detection	NA⁶	No
Total Beryllium	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection	-	No
Total Cadmium	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection	-	No
Total Chromium	96%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection	-	No
Total Cobalt	94%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-9, GWC-11, and GWC-12R)	-	Yes⁶	Detection	NA⁶	No
Total Copper	98%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection	-	No
Total Lead	99%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection	-	No
Total Nickel	98%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Pass	No	-	-	Detection	-	No
Total Selenium	98%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-11)	-	Yes⁶	Detection	NA⁶	No
Total Vanadium	96%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection	-	No
Total Zinc	80%	Kruskal-Wallis	Fail	Shewhart-CUSUM, Wilcoxon, or Kendell-Mann	Fail	Yes (GWC-9)	-	Yes⁶	Detection	NA⁶	No
Benzene	98%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-12R)	Yes (GWC-11)⁽⁷⁾	No	Assessment	No	No
Carbon Disulfide	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection	-	No
Chloroform	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection	-	No
Cis 1,2-dichloroethene	99%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection	-	No
Xylenes	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection	-	No

Notes:

1. *MCL* = Georgia Maximum Contaminant Level
2. *SSI* = Statistically Significant Increase
3. *NA* = Not Applicable
4. *ASD* = Alternative Source Demonstration
5. *GWPS* = Groundwater Protection Standard
6. Total barium, total cobalt, total selenium, and total zinc are natural occurring elements in the soil and bedrock in the Piedmont of Georgia (i.e., alternative source). An Alternative Source Demonstration (ASD) was prepared for total cobalt in the following report: *Alternate Source Demonstration for Cobalt in Groundwater, Eagle Point MSW Landfill, Forsyth County, Georgia, BLE Project Number J15-1472-102*. In this ASD report, many different native metals were detected in the background and are considered natural to the vicinity of the site.
7. Detections denoted Note (7) are considered SSIs based on the "Double Quantification Rule" in EPA's Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities (EPA Unified Guidance, March 2009).

FIGURES



REFERENCE:
 USGS TOPOGRAPHIC MAP, 7.5 MINUTE SERIES,
 BALL GROUND AND MATT, GA. QUADRANGLES, 2020.

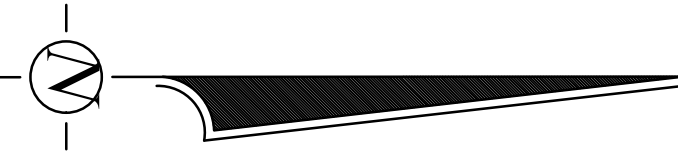
DRAWN:	KLW	DATE:	11-3-22
CHECKED:	RLB	CAD:	EAGPNTLF178-SLM
APPROVED:	AWA	JOB NO:	J22-1472-178

BLE | **BUNNELL LAMMONS ENGINEERING**
 6004 Ponders Court, Greenville, SC 29615
 Phone: (864) 288-1265 Fax: (864) 288-4430

SITE LOCATION MAP
 EAGLE POINT MSW LANDFILL
 FORSYTH COUNTY, GEORGIA

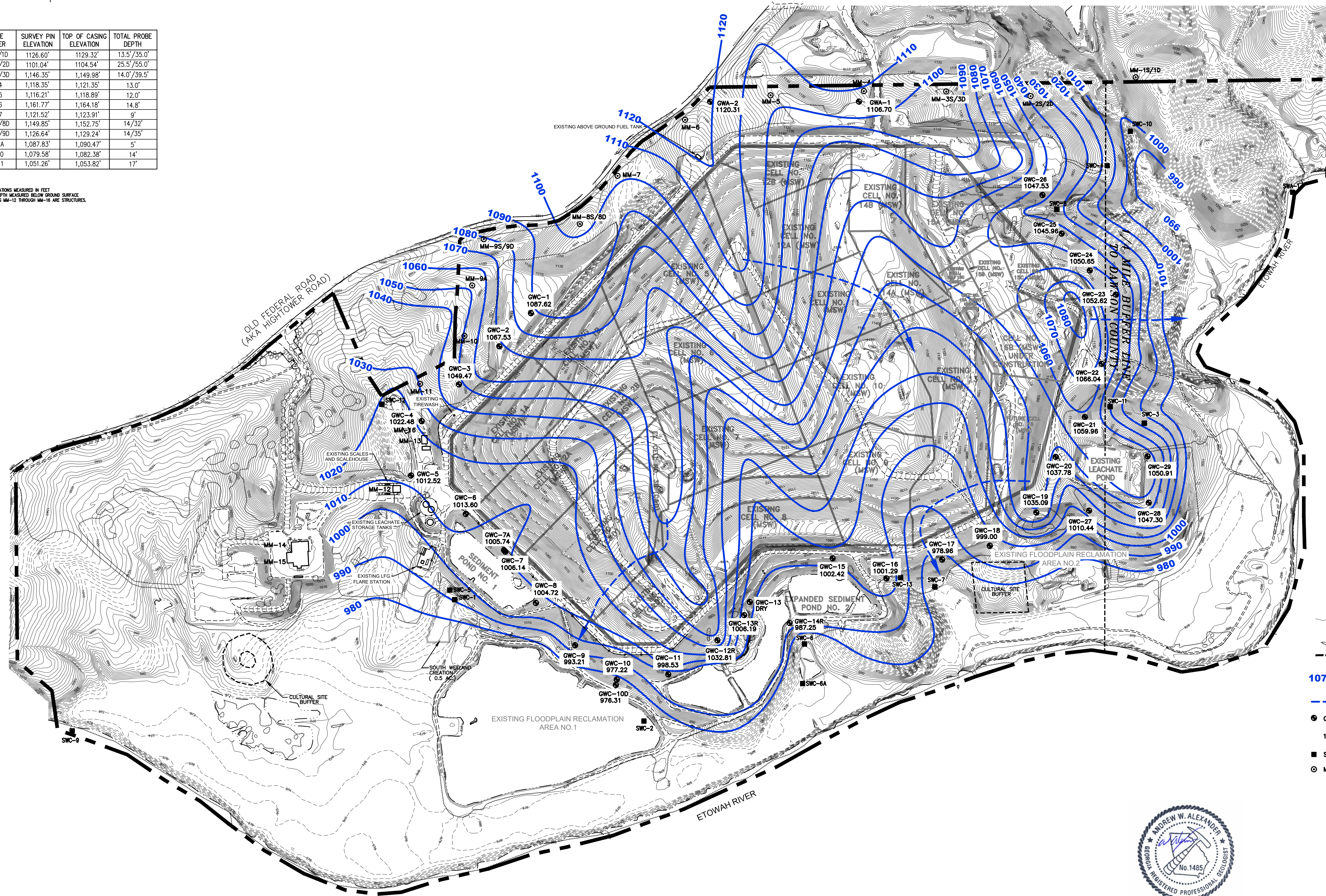
FIGURE

1



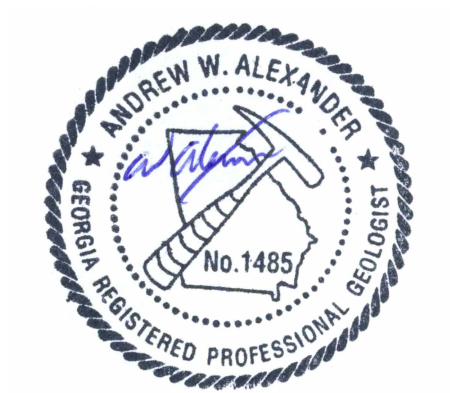
PROBE NUMBER	SURVEY PIN ELEVATION	TOP OF CASING ELEVATION	TOTAL PROBE DEPTH
MM-15/1D	1126.60'	1129.32'	13.5'/35.0'
MM-25/2D	1101.04'	1104.54'	25.5'/55.0'
MM-35/3D	1,146.35'	1,149.98'	14.0'/39.5'
MM-4	1,118.35'	1,121.35'	13.0'
MM-5	1,116.21'	1,118.89'	12.0'
MM-6	1,161.77'	1,164.18'	14.8'
MM-7	1,121.52'	1,123.91'	9'
MM-BS/8D	1,149.85'	1,152.75'	14.32'
MM-9S/9D	1,126.64'	1,129.24'	14.35'
MM-9A	1,087.83'	1,090.47'	5'
MM-10	1,079.58'	1,082.38'	14'
MM-11	1,051.26'	1,053.82'	17'

- NOTES:
1. ALL ELEVATIONS MEASURED IN FEET
 2. PROBE DEPTH MEASURED BELOW GROUND SURFACE
 3. LOCATIONS MM-12 THROUGH MM-16 ARE STRUCTURES

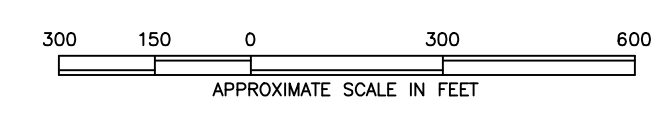


LEGEND

- TOPOGRAPHIC SURFACE CONTOUR IN FEET ABOVE MSL. CONTOUR INTERVAL = 2 FEET.
- DENSE TREES
- PROPERTY BOUNDARY
- WATER TABLE ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL. CONTOUR INTERVAL = 10 FEET
- GROUNDWATER FLOW DIRECTION
- GWC-2
- WATER TABLE ELEVATION IN FEET ABOVE MSL. 1005.52
- SURFACE WATER MONITORING POINTS. SWC-1 & SWC-7TL
- METHANE MONITORING PROBE (MM-12 THROUGH MM-16 ARE STRUCTURES)



- REFERENCES:
1. DRAWING TITLED "EXISTING TOPOGRAPHIC SURVEY, EAGLE POINT MSW AND C&D LANDFILL" PREPARED BY HODGES, HARBIN, NEMBERTY AND TRIBLE, INC., PROJ NO. 1210-010-01, EDIT 3-20-07.
 2. SITE TOPOGRAPHY PRODUCED BY SOUTHERN RESOURCES MAPPING CORPORATION, DATE OF PHOTOGRAPHY: FEBRUARY 2017.



REVISIONS		
No.	DESCRIPTION	BY

DRAWN: IAI	DATE: 11-2-22
CHECKED: TAO	CAD FILE: EAGPNTL178-POT070522
APPROVED: AWA	JOB NO: J22-1472-178

BLE BUNNELL LAMMONS ENGINEERING
 6004 Ponders Court, Greenville, SC 29615
 Phone: (864) 288-1255 Fax: (864) 288-4430

GROUNDWATER ELEVATION CONTOUR MAP - JULY 5, 2022
 EAGLE POINT MSW LANDFILL
 FORSYTH COUNTY, GEORGIA

APPENDIX A
Field Sampling Logs and Laboratory Analytical
Results

EMServices

Environmental Monitoring Services, LLC
Phone (770) 823-7174

July 11, 2022

GFL Environmental
Scott Mann
8880 Old Federal Road
Ball Ground, GA 30107

RE: Eagle Point Landfill Semi-Annual Sampling Event

Scott,

On July 5th – 8th, we completed the semi-annual groundwater and surface water monitoring at the referenced site. The points sampled and their respective analyses are:

GWC-1, 2, 3, 4, 5, 6, 7, 7A, 8, 9, 10D, 11, 13R, 14R, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, Field Blank, Trip Blank (VOC only)	GA App I VOC (8260B only)/Metals
GWA-1, 2, GWC-12R	Full App II [VOC (8260/8011), Metals, BN/A, Pest/PCB, Herb, CN, Sulfide]
GWC-10, 13	Water Level Only
SWC-1, 2, 5, 6, 7, 8, 10	GA App I VOC (8260B only)/Metals
SWA-1, SWC-9	Chloride, COD, TOC, CN, Total Metals (Hg, Se), Dissolved Metals (As, Ba, Cd, Cr, Pb, Ni, Ag, Zn)
SWC-4, 11, 12, 13	Points dry

The sampling activities were performed according to the facility's operating permit and the EPA Region IV LSASD SOP's. Split samples were collected from GWC-6, 9, 12R, SWC-5 and 9 for Forsyth County.

Upon arrival at each well, notes were taken as to the condition of the area around the well and the condition of the well itself. The samplers then donned new Nitrile gloves. These gloves were changed as often as deemed necessary to prevent contamination of the samples. A new piece of plastic was laid down next to the well to serve as a work area. Then, a pre-cleaned water level indicator was lowered into the well to sound the water level.

The depth to water was measured from a surveyed mark on the top of casing, if present. The process of collecting water levels was completed on July 5th to ensure a representative potentiometric map. The water level indicator was cleaned in between each well using a Liquinox soap solution followed by a water rinse.

Wells GWA-2, GWC-1, 2, 3, 7, 7A, 11, 13R, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, and 29 have dedicated bladder pumps installed. For these wells, after collecting the water level, we began purging the well. Both purging and sampling were accomplished by utilizing the dedicated bladder pumps. The

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Page 1 of 2

bladders are of Teflon construction and the water discharge lines are Teflon-lined. The bottoms of the pumps are placed approximately 3' from the bottom of the well to allow for operation in potential low water column situations due to seasonal water table fluctuations. At each well, the pump was turned on and timing and pressure adjusted until the water level stabilized. After the water level had stabilized and at least one equipment volume had cleared the flow cell, field readings for pH, conductivity, temperature, dissolved oxygen, oxidation-reduction potential and turbidity were measured. Purging continued until three consecutive measurements of these parameters, measured at four-minute intervals, were stable as defined by accepted low-flow guidelines. The purge water was captured in 5-gallon buckets to quantify the purge volumes. All samples were collected immediately. Metals samples, general chemistry samples and semi-volatile organics samples were collected first to avoid any effects on turbidity from adjusting the pressure prior to sampling for volatiles. Volatiles samples were then collected after slowing the purge rate to 100mL/min or less.

A peristaltic pump was used for purging and sampling wells GWA-1, GWC-4, 5, 6, 8, 9, 10D, 12R, 14R, 16 and 21, after collecting the water level, we began purging the well. Both purging and sampling were accomplished by utilizing a peristaltic pump with new silicone pump-head tubing and Teflon-lined down-hole tubing at each well. The down-hole tubing was placed approximately 5' from the bottom of the well or at the mid-point of the water column if the water column was less than 10'. The pump was turned on and timing adjusted until the water level stabilized. After the water level had stabilized and at least one equipment volume had cleared the flow cell, field readings for pH, conductivity, temperature, dissolved oxygen and oxidation-reduction potential, and turbidity were measured and recorded. Purging continued until three consecutive measurements of these parameters, measured at four-minute intervals, were stable as defined by accepted low-flow guidelines. The purge water was captured in 5-gallon buckets to quantify the purge volumes. The metals samples, semi-volatile organics sample, and general chemistry samples were collected immediately through the pump-head. The volatiles samples were collected immediately using the reverse-flow method utilizing a flow rate of less than 100 mL/min.

For wells GWC-15, the water level was too low to use the dedicated bladder pump, so the pump was removed and the well purged and sampled using a new disposable Teflon bailer attached to new nylon string. After collecting the water level, we calculated the purge volume to three well-volumes using a standard formula. Purging continued until the well was purged dry. Readings for pH, conductivity, temperature, turbidity, dissolved oxygen and oxidation-reduction potential were recorded at each well-volume. The purge water was captured in 5-gallon buckets to quantify the purge volumes. All bailers and string were discarded at the completion of the sampling event.

The samples were collected in containers provided by the laboratory. These containers were of types, sizes and preserved in a manner consistent with SW-846 and other guidance. Upon filling, the containers were placed on ice. The samples were either delivered via lab courier or hand-delivered under chain of custody to the Eurofins Environment Testing Service Center located in Norcross, GA then forwarded to the laboratory located in Savannah, GA.

On-site parameter readings were recorded from YSI Pro Plus's that were calibrated each morning. Turbidity readings were collected using LaMotte 2020t's which were cal-checked prior to use. The meters contain a factory calibration that is checked in-house using formazine standards.

We appreciate the opportunity to work with you on this project and look forward to any feedback you have.

Respectfully,



Jeff Johnson

Attachments: Groundwater Field Data
 Surface Water Field Data

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-2
 Date 7/6/2022
 DTW¹ 32.69
 DTB² 41.44
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1304 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1312	33.62	320	0.68	5.21	21	20.1	33	6.55	99
1316	33.62	320	1.02	5.32	21	20.5	31	6.43	90
1320	33.62	320	1.36	5.33	21	21.2	18	6.26	86
1324	33.62	320	1.70	5.28	20	20.7	12	6.32	88
1328	33.62	320	2.04	5.27	20	20.4	8	6.23	88

Comments
Clear, no odor

Field Tech: D. Cantu

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-4
 Date 7/6/2022
 DTW¹ 16.77
 DTB² 38.56
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump (Reverse Flow for VOC's)
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1119 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1126	18.65	200	0.37	4.99	57	20.5	3	0.69	102
1130	18.65	200	0.58	5.02	55	21.1	3	0.59	97
1134	18.65	200	0.79	5.04	54	21.5	3	0.61	94
1138	18.65	200	1.00	4.99	55	20.9	3	0.57	96

Comments
Clear, no odor

Field Tech: D. Cantu

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-14R
 Date 7/7/2022
 DTW¹ 27.21
 DTB² 34.89
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump (Reverse Flow for VOC's)
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1131 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1137	27.32	180	0.28	6.04	120	23.3	4	1.77	62
1141	27.32	180	0.47	6.02	122	23.0	3	1.21	62
1145	27.32	180	0.66	6.06	123	23.1	3	1.28	60
1149	27.32	180	0.85	6.05	123	23.2	3	1.25	60

Comments
Clear, no odor

Field Tech: D. Cantu

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

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Field Data Sheet

Client GFL Environmental

Site Eagle Point Landfill

Well ID GWC-15

Date 7/6/2022

DTW¹ 42.49

DTB² 46.35

1 Well Volume (DTB - DTW) * 0.163 = 0.63

3 Well Volumes 1 WV * 3 = 1.89

Purge Method Disposable Teflon Bailer

Sample Method Disposable Teflon Bailer

Parameters Appendix I VOCs / Metals

LEL/Vol = 0

Time	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1430	0.75	4.79	65	19.2	8	2.18	129
1433	1.50	4.89	63	19.1	6	1.97	119

Metals sample collection if allowed to settle:

Date: _____ Time: _____ NTU: _____

Comments
Clear, no odor, purged dry

Field Tech: D. Cantu

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

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Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-16
 Date 7/7/2022
 DTW¹ 19.02
 DTB² 24.62
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump (Reverse Flow for VOC's)
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1100 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1108	19.40	160	0.34	5.21	238	18.9	10	1.45	80
1112	19.40	160	0.51	5.21	237	19.0	8	1.43	79
1116	19.40	160	0.68	5.20	238	18.8	7	1.39	79
1120	19.40	160	0.85	5.20	237	18.7	7	1.47	78

Comments
Clear, odor present

Field Tech: D. Cantu

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

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Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-17
 Date 7/7/2022
 DTW¹ 45.53
 DTB² 54.75
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1044 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1050	45.67	240	0.38	5.20	90	19.3	35	3.01	67
1054	45.67	240	0.63	5.40	83	18.5	29	4.20	51
1058	45.67	240	0.88	5.43	83	18.6	21	4.05	50
1102	45.67	240	1.13	5.46	84	18.5	15	4.26	49
1106	45.67	240	1.38	5.49	84	18.6	10	4.12	48

Comments
Clear, no odor

Field Tech: N. Walker

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

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Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-19
 Date 7/7/2022
 DTW¹ 49.69
 DTB² 55.18
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 0953 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
0959	49.77	210	0.33	6.09	70	30.0	4	5.64	45
1003	49.77	210	0.55	5.84	66	30.0	4	5.00	42
1007	49.77	210	0.77	5.79	65	30.1	4	4.69	39
1011	49.77	210	0.99	5.76	64	30.1	3	4.61	38

Comments
Clear, no odor

Field Tech: N. Walker

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

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Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-24
 Date 7/5/2022
 DTW¹ 78.67
 DTB² 90.34
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1144 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1152	78.79	260	0.55	5.60	54	16.2	3	4.64	109
1156	78.79	260	0.82	5.64	52	16.3	1	4.93	106
1200	78.79	260	1.01	5.69	51	16.2	1	5.09	104
1204	78.79	260	1.36	5.71	51	16.3	1	5.15	102

Comments
Clear, no odor

Field Tech: D. Cantu

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

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Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-25
 Date 7/5/2022
 DTW¹ 32.71
 DTB² 58.58
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1221 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1228	34.18	280	0.52	5.19	56	16.8	6	0.77	137
1232	34.18	280	0.82	5.22	55	16.5	4	0.46	130
1236	34.18	280	1.12	5.26	55	16.5	5	0.48	127
1240	34.18	280	1.42	5.29	55	16.6	5	0.39	124

Comments
Clear, no odor

Field Tech: D. Cantu

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

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Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-26
 Date 7/5/2022
 DTW¹ 28.99
 DTB² 43.66
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1256 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1302	29.25	320	0.51	4.97	75	17.4	2	0.67	141
1306	29.25	320	0.85	5.05	76	17.3	2	0.44	133
1310	29.25	320	1.19	5.10	76	17.3	2	0.33	127
1314	29.25	320	1.53	5.13	76	17.4	2	0.36	125

Comments
Clear, no odor

Field Tech: D. Cantu

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-28
 Date 7/5/2022
 DTW¹ 59.77
 DTB² 71.81
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 0946 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
0954	60.63	260	0.55	5.88	51	16.0	3	6.33	91
0958	60.63	260	0.82	5.91	50	16.1	3	5.96	82
1002	60.63	260	1.09	5.95	50	16.1	3	6.07	77
1006	60.63	260	1.36	5.98	50	16.2	4	5.91	72

Comments
Clear, no odor

Field Tech: D. Cantu

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

***EM** Services*

Environmental Monitoring Services, LLC

Field Data Sheet

Client	GFL Environmental
Site	Eagle Point Landfill
ID	Field Blank
Date	7/7/2022
Time	1335
Parameters	Appendix I VOCs / Metals

Comments
DI Water from Eurofins ET Service Center - Atlanta stored at EM Services' office. Field Blank poured directly into bottles at equipment trailer by Flare 1

Field Tech: N. Walker

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client GFL Environmental
Site Eagle Point Landfill
Sample Method Directly into bottles
Parameters Appendix I VOCs / Metals

Surface Water ID	Date	Time	pH	SC ($\mu\text{S}/\text{cm}$)	T ($^{\circ}\text{C}$)	Turbidity (NTU)	Comments
SWC-1	7/8/2022	1046	5.75	380	26.6	34	Cloudy, slight odor, low flow
SWC-2	7/8/2022	1154	6.43	92	29.3	79	Cloudy, no odor, good flow
SWC-4	7/8/2022	1049	-	-	-	-	Point dry
SWC-5	7/5/2022	1254	5.77	198	23.4	7	Clear, odor, low flow
SWC-6	7/8/2022	1006	6.06	148	24.2	13	Clear, odor, low flow
SWC-7	7/8/2022	1146	5.84	133	26.1	3	Clear, odor, good flow
SWC-8	7/8/2022	1058	6.61	121	21.6	7	Clear, slight odor, good flow
SWC-10	7/8/2022	1028	7.87	102	23.5	60	Cloudy, slight odor, good flow
SWC-11	7/8/2022	1127	-	-	-	-	Point dry
SWC-12	7/6/2022	0901	-	-	-	-	Point dry
SWC-13	7/8/2022	1144	-	-	-	-	Point dry

Field Tech: N. Walker

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client GFL Environmental
Site Eagle Point Landfill
Sample Method Directly into bottles
Parameters Cl, COD, TOC, CN, T. Metals (Hg, Se), D. Metals (As, Ba, Cd, Cr, Pb, Ni, Ag, Zn)

Surface Water ID	Date	Time	pH	SC ($\mu\text{S/cm}$)	T ($^{\circ}\text{C}$)	Turbidity (NTU)	DO (mg/L)	Comments
SWA-1	7/8/2022	1116	6.98	36	25.0	13	6.89	Clear, no odor, good flow
SWC-9	7/5/2022	1337	6.45	33	26.2	11	7.11	Clear, no odor, good flow

Field Tech: N. Walker

EM Services

Environmental Monitoring Services, LLC

Client GFL Environmental
Site Eagle Point Landfill
Date 7/5/2022

Well	DTW ¹	DTB ¹
GWA-1	7.00	28.10
GWA-2	32.61	50.09
GWC-1	19.65	34.90
GWC-2	32.69	41.44
GWC-3	23.37	46.90
GWC-4	16.77	38.56
GWC-5	10.19	23.19
GWC-6	26.74	37.54
GWC-7	29.63	91.33
GWC-7A	30.27	50.80
GWC-8	19.26	36.43
GWC-9	16.49	24.35
GWC-10	28.44	36.55
GWC-10D	16.36	36.30
GWC-11	31.62	41.17
GWC-12R	10.60	29.79
GWC-13	Dry	23.05

Well	DTW ¹	DTB ¹
GWC-13R	29.51	37.94
GWC-14R	27.21	34.89
GWC-15	42.49	46.35
GWC-16	19.02	24.62
GWC-17	45.53	54.75
GWC-18	39.15	49.29
GWC-19	49.69	55.18
GWC-20	72.08	84.87
GWC-21	25.71	29.91
GWC-22	70.06	81.06
GWC-23	74.51	98.15
GWC-24	78.67	90.34
GWC-25	32.71	58.58
GWC-26	28.99	43.66
GWC-27	44.29	53.75
GWC-28	57.77	71.81
GWC-29	50.82	62.74

¹ Measured in feet from Top of Casing

*EM*Services

Environmental Monitoring Services, LLC

Phone (770) 823-7174

August 26, 2022

GFL Environmental
Scott Mann
8880 Old Federal Road
Ball Ground, GA 30107

RE: Eagle Point Landfill Resample Event

Scott,

On August 24th, we completed a resample event at the referenced site. The points sampled and their respective analyses are:

GWC-7, 17 – Cr, Co

GWC-18, 19, 21, SWC-1 – cis-1,2-DCE (8260), CH4 (RSK 175)

The sampling activities were performed according to the facility's operating permit and the EPA Region IV LSASD SOP's.

Upon arrival at each well, notes were taken as to the condition of the area around the well and the condition of the well itself. The samplers then donned new Nitrile gloves. These gloves were changed as often as deemed necessary to prevent contamination of the samples. A new piece of plastic was laid down next to the well to serve as a work area. Then, a pre-cleaned water level indicator was lowered into the well to sound the water level.

The depth to water was measured from a surveyed mark on the top of casing, if present. The water level indicator was cleaned in between each well using a Liquinox soap solution followed by a water rinse.

Wells GWC-7, 17, 18, and 19 have dedicated bladder pumps installed. For these wells, after collecting the water level, we began purging the well. Both purging and sampling were accomplished by utilizing the dedicated bladder pumps. At each well, the pump was turned on and timing and pressure adjusted until the water level stabilized. After the water level had stabilized and at least one equipment volume had cleared the flow cell, field readings for pH, conductivity, temperature, dissolved oxygen, oxidation-reduction potential and turbidity were measured. Purging continued until three consecutive measurements of these parameters, measured at four-minute intervals, were stable as defined by accepted low-flow guidelines. The purge water was captured in 5-gallon buckets to quantify the purge volumes. All samples were collected immediately.

A peristaltic pump was used for purging and sampling well GWC-21. After collecting the water level, we began purging the well. Both purging and sampling were accomplished by utilizing a peristaltic pump with new silicone pump-head tubing and Teflon-lined down-hole tubing at each well. The down-hole tubing was placed at the mid-point of the water column since the water column was less than 10'. The pump was turned on and timing adjusted until the water level stabilized. After the water level had stabilized and at least one equipment volume had cleared the flow cell, field readings for pH, conductivity, temperature, dissolved oxygen and oxidation-reduction potential, and turbidity were measured and recorded. Purging continued until three consecutive measurements of these parameters, measured at four-minute intervals, were stable as defined by accepted low-flow guidelines. The purge water was captured in 5-gallon buckets

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Page 1 of 2

to quantify the purge volumes. The volatiles sample was collected immediately using the reverse-flow method utilizing a flow rate of less than 100 mL/min.

The samples were collected in containers provided by the laboratory. These containers were of types, sizes and preserved in a manner consistent with SW-846 and other guidance. Upon filling, the containers were placed on ice. The samples were hand-delivered under chain of custody to the Eurofins ET Service Center located in Norcross, GA then forwarded to the laboratory located in Savannah, GA.

On-site parameter readings were recorded from a YSI Pro Plus that was calibrated that morning. Turbidity readings were collected using a LaMotte 2020t which was cal-checked prior to use. The meters contain a factory calibration that is checked in-house using formazine standards.

We appreciate the opportunity to work with you on this project, and look forward to any feedback you have.

Respectfully,

A handwritten signature in black ink, appearing to read 'Jeff Johnson', with a long horizontal flourish extending to the right.

Jeff Johnson

Attachments: Groundwater Field Data

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-18
 Date 8/24/2022
 DTW¹ 40.37
 DTB² 49.29
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters cis-1,2-DCE

Purge Start Time = 1132 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1138	40.54	210	0.33	5.57	44	18.3	9	5.11	54
1142	40.54	210	0.55	5.54	42	18.1	5	4.67	52
1146	40.54	210	0.77	5.52	42	17.9	3	4.55	50
1150	40.54	210	0.99	5.51	41	17.9	2	4.49	49

Comments
Clear, no odor

Field Tech: N. Walker

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client GFL Environmental
 Site Eagle Point Landfill
 Well ID GWC-21
 Date 8/24/2022
 DTW¹ 26.78
 DTB² 29.91
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump (Reverse Flow for VOC's)
 Stabilization Yes
 Parameters cis-1,2-DCE

Purge Start Time = 1109 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1116	26.79	200	0.37	5.11	85	20.4	3	3.31	93
1120	26.79	200	0.58	5.20	83	20.0	2	3.15	91
1124	26.79	200	0.79	5.21	84	19.9	2	3.09	88
1128	26.79	200	1.00	5.23	83	19.7	2	3.16	86

Comments
Clear, no odor

Field Tech: N. Walker
D. Cantu

¹ Depth to water as measured in feet from top of casing
² Depth to bottom of casing measured from top of casing

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client GFL Environmental
Site Eagle Point Landfill
Sample Method Directly into bottles
Parameters cis-1,2-DCE

Surface Water ID	Date	Time	pH	SC ($\mu\text{S}/\text{cm}$)	T ($^{\circ}\text{C}$)	Turbidity (NTU)	Comments
SWC-1	8/24/2022	1231	6.43	164	26.3	4	Clear, no odor, low flow

Field Tech: N. Walker

ANALYTICAL REPORT

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-218073-1
Client Project/Site: Eagle Point Landfill

For:
GFL Environmental
6905 Roosevelt Hwy
Fairburn, Georgia 30213

Attn: Robert Heller



Authorized for release by:
7/18/2022 4:33:14 PM

John Andros, Project Manager I
(404)944-4744

John.Andros@et.eurofinsus.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Sample Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-218073-1	GWC-1	Ground Water	07/06/22 10:21	07/09/22 08:15
680-218073-2	GWC-2	Ground Water	07/06/22 13:28	07/09/22 08:15
680-218073-3	GWC-3	Ground Water	07/06/22 11:08	07/09/22 08:15
680-218073-4	GWC-4	Ground Water	07/06/22 11:38	07/09/22 08:15
680-218073-5	GWC-5	Ground Water	07/06/22 12:05	07/09/22 08:15
680-218073-6	GWC-6	Ground Water	07/05/22 10:19	07/09/22 08:15
680-218073-7	GWC-7	Ground Water	07/07/22 12:16	07/09/22 08:15
680-218073-8	GWC-7A	Ground Water	07/07/22 13:03	07/09/22 08:15
680-218073-9	GWC-8	Ground Water	07/06/22 12:45	07/09/22 08:15
680-218073-10	GWC-9	Ground Water	07/05/22 11:02	07/09/22 08:15
680-218073-11	GWC-10D	Ground Water	07/07/22 12:10	07/09/22 08:15
680-218073-12	GWC-11	Ground Water	07/05/22 13:49	07/09/22 08:15
680-218073-13	GWC-13R	Ground Water	07/07/22 13:05	07/09/22 08:15
680-218073-14	GWC-14R	Ground Water	07/07/22 11:49	07/09/22 08:15
680-218073-15	GWC-15	Ground Water	07/06/22 14:33	07/09/22 08:15
680-218073-16	GWC-16	Ground Water	07/07/22 11:20	07/09/22 08:15
680-218073-17	GWC-17	Ground Water	07/07/22 11:06	07/09/22 08:15
680-218073-18	GWC-18	Ground Water	07/07/22 11:38	07/09/22 08:15
680-218073-19	GWC-19	Ground Water	07/07/22 10:11	07/09/22 08:15
680-218073-20	GWC-20	Ground Water	07/06/22 10:18	07/09/22 08:15
680-218073-21	GWC-21	Ground Water	07/07/22 10:50	07/09/22 08:15
680-218073-22	GWC-22	Ground Water	07/05/22 10:57	07/09/22 08:15
680-218073-23	GWC-23	Ground Water	07/05/22 11:32	07/09/22 08:15
680-218073-24	GWC-24	Ground Water	07/05/22 12:04	07/09/22 08:15
680-218073-25	GWC-25	Ground Water	07/05/22 12:40	07/09/22 08:15
680-218073-26	GWC-26	Ground Water	07/05/22 13:14	07/09/22 08:15
680-218073-27	GWC-27	Ground Water	07/05/22 11:32	07/09/22 08:15
680-218073-28	GWC-28	Ground Water	07/05/22 10:06	07/09/22 08:15
680-218073-29	GWC-29	Ground Water	07/06/22 11:02	07/09/22 08:15
680-218073-30	Field Blank	Water	07/07/22 13:35	07/09/22 08:15
680-218073-31	SWA-1	Surface Water	07/08/22 11:16	07/09/22 08:15
680-218073-32	SWC-1	Surface Water	07/08/22 10:46	07/09/22 08:15
680-218073-33	SWC-2	Surface Water	07/08/22 11:54	07/09/22 08:15
680-218073-34	SWC-5	Surface Water	07/05/22 12:54	07/09/22 08:15
680-218073-35	SWC-6	Surface Water	07/08/22 10:06	07/09/22 08:15
680-218073-36	SWC-7	Surface Water	07/08/22 11:46	07/09/22 08:15
680-218073-37	SWC-8	Surface Water	07/08/22 10:58	07/09/22 08:15
680-218073-38	SWC-9	Surface Water	07/05/22 13:37	07/09/22 08:15
680-218073-39	SWC-10	Surface Water	07/08/22 10:28	07/09/22 08:15

Case Narrative

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Job ID: 680-218073-1

Laboratory: Eurofins Savannah

Narrative

**Job Narrative
680-218073-1**

Comments

No additional comments.

Receipt

The samples were received on 7/9/2022 8:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.7° C and 3.4° C.

Receipt Exceptions

Trip Blank was listed on the Chain of Custody but was not included in the coolers.

GC/MS VOA

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

HPLC/IC

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

Metals

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

General Chemistry

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

VOA Prep

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

Detection Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-1

Lab Sample ID: 680-218073-1

No Detections.

Client Sample ID: GWC-2

Lab Sample ID: 680-218073-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.020		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-3

Lab Sample ID: 680-218073-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.020		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-4

Lab Sample ID: 680-218073-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.036		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-5

Lab Sample ID: 680-218073-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.037		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.0069		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-6

Lab Sample ID: 680-218073-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.076		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-7

Lab Sample ID: 680-218073-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.022		0.020		mg/L	1		6020A	Total/NA
Chromium	0.049		0.010		mg/L	1		6020A	Total/NA
Cobalt	0.024		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-7A

Lab Sample ID: 680-218073-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.030		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-8

Lab Sample ID: 680-218073-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.053		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.029		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-9

Lab Sample ID: 680-218073-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.13		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.051		0.0060		mg/L	1		6020A	Total/NA
Zinc	0.036		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-10D

Lab Sample ID: 680-218073-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.12		0.020		mg/L	1		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Detection Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-11

Lab Sample ID: 680-218073-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.2		2.0		ug/L	1		8260D	Total/NA
Barium	0.47		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.082		0.0060		mg/L	1		6020A	Total/NA
Selenium	0.034		0.010		mg/L	1		6020A	Total/NA
Zinc	0.074		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-13R

Lab Sample ID: 680-218073-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.044		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-14R

Lab Sample ID: 680-218073-14

No Detections.

Client Sample ID: GWC-15

Lab Sample ID: 680-218073-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.15		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.010		0.0060		mg/L	1		6020A	Total/NA
Zinc	0.020		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-16

Lab Sample ID: 680-218073-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.14		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.016		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-17

Lab Sample ID: 680-218073-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.077		0.020		mg/L	1		6020A	Total/NA
Chromium	0.011		0.010		mg/L	1		6020A	Total/NA
Cobalt	0.0069		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-18

Lab Sample ID: 680-218073-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.9		2.0		ug/L	1		8260D	Total/NA
Barium	0.027		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-19

Lab Sample ID: 680-218073-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.8		2.0		ug/L	1		8260D	Total/NA

Client Sample ID: GWC-20

Lab Sample ID: 680-218073-20

No Detections.

Client Sample ID: GWC-21

Lab Sample ID: 680-218073-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.7		2.0		ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Detection Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-22

Lab Sample ID: 680-218073-22

No Detections.

Client Sample ID: GWC-23

Lab Sample ID: 680-218073-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.026		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-24

Lab Sample ID: 680-218073-24

No Detections.

Client Sample ID: GWC-25

Lab Sample ID: 680-218073-25

No Detections.

Client Sample ID: GWC-26

Lab Sample ID: 680-218073-26

No Detections.

Client Sample ID: GWC-27

Lab Sample ID: 680-218073-27

No Detections.

Client Sample ID: GWC-28

Lab Sample ID: 680-218073-28

No Detections.

Client Sample ID: GWC-29

Lab Sample ID: 680-218073-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.11		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: Field Blank

Lab Sample ID: 680-218073-30

No Detections.

Client Sample ID: SWA-1

Lab Sample ID: 680-218073-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.3		0.50		mg/L	1		9056A	Total/NA
Total Organic Carbon	1.5		1.0		mg/L	1		5310 B-2011	Total/NA

Client Sample ID: SWC-1

Lab Sample ID: 680-218073-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.6		2.0		ug/L	1		8260D	Total/NA
Barium	0.098		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.072		0.0060		mg/L	1		6020A	Total/NA
Copper	0.036		0.020		mg/L	1		6020A	Total/NA
Nickel	0.025		0.020		mg/L	1		6020A	Total/NA
Zinc	0.17		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: SWC-2

Lab Sample ID: 680-218073-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.045		0.020		mg/L	1		6020A	Total/NA
Zinc	0.022		0.020		mg/L	1		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Detection Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-5

Lab Sample ID: 680-218073-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.029		0.010		mg/L	1		6020A	Total/NA
Barium	0.047		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.010		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: SWC-6

Lab Sample ID: 680-218073-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.024		0.010		mg/L	1		6020A	Total/NA
Barium	0.13		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.032		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: SWC-7

Lab Sample ID: 680-218073-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.028		0.010		mg/L	1		6020A	Total/NA
Cobalt	0.026		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: SWC-8

Lab Sample ID: 680-218073-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.035		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: SWC-9

Lab Sample ID: 680-218073-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.5		0.50		mg/L	1		9056A	Total/NA
Total Organic Carbon	1.3		1.0		mg/L	1		5310 B-2011	Total/NA

Client Sample ID: SWC-10

Lab Sample ID: 680-218073-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.095		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.014		0.0060		mg/L	1		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-1

Lab Sample ID: 680-218073-1

Date Collected: 07/06/22 10:21

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 17:36	1
Acrylonitrile	ND		50		ug/L			07/13/22 17:36	1
Benzene	ND		2.0		ug/L			07/13/22 17:36	1
Bromoform	ND		10		ug/L			07/13/22 17:36	1
Bromomethane	ND	*+	10		ug/L			07/13/22 17:36	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 17:36	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 17:36	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 17:36	1
Chlorobenzene	ND		10		ug/L			07/13/22 17:36	1
Chlorobromomethane	ND		10		ug/L			07/13/22 17:36	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 17:36	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 17:36	1
Chloroform	ND		2.0		ug/L			07/13/22 17:36	1
Chloromethane	ND		10		ug/L			07/13/22 17:36	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 17:36	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 17:36	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 17:36	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 17:36	1
Dibromomethane	ND		10		ug/L			07/13/22 17:36	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 17:36	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 17:36	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 17:36	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 17:36	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 17:36	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 17:36	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 17:36	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 17:36	1
2-Hexanone	ND		50		ug/L			07/13/22 17:36	1
Iodomethane	ND	*+	100		ug/L			07/13/22 17:36	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 17:36	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 17:36	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 17:36	1
o-Xylene	ND		5.0		ug/L			07/13/22 17:36	1
Styrene	ND		10		ug/L			07/13/22 17:36	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 17:36	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 17:36	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 17:36	1
Toluene	ND		2.0		ug/L			07/13/22 17:36	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 17:36	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 17:36	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 17:36	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 17:36	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 17:36	1
Trichloroethene	ND		2.0		ug/L			07/13/22 17:36	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 17:36	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 17:36	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 17:36	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 17:36	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 17:36	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-1
Date Collected: 07/06/22 10:21
Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130		07/13/22 17:36	1
Dibromofluoromethane (Surr)	95		70 - 130		07/13/22 17:36	1
1,2-Dichloroethane-d4 (Surr)	82		60 - 124		07/13/22 17:36	1
Toluene-d8 (Surr)	104		70 - 130		07/13/22 17:36	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:50	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:50	1
Barium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:50	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:50	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:50	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:50	1
Cobalt	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:50	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:50	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:50	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:50	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:50	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:50	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:50	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:50	1
Zinc	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:50	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-2

Lab Sample ID: 680-218073-2

Date Collected: 07/06/22 13:28

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 17:55	1
Acrylonitrile	ND		50		ug/L			07/13/22 17:55	1
Benzene	ND		2.0		ug/L			07/13/22 17:55	1
Bromoform	ND		10		ug/L			07/13/22 17:55	1
Bromomethane	ND	*+	10		ug/L			07/13/22 17:55	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 17:55	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 17:55	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 17:55	1
Chlorobenzene	ND		10		ug/L			07/13/22 17:55	1
Chlorobromomethane	ND		10		ug/L			07/13/22 17:55	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 17:55	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 17:55	1
Chloroform	ND		2.0		ug/L			07/13/22 17:55	1
Chloromethane	ND		10		ug/L			07/13/22 17:55	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 17:55	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 17:55	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 17:55	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 17:55	1
Dibromomethane	ND		10		ug/L			07/13/22 17:55	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 17:55	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 17:55	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 17:55	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 17:55	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 17:55	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 17:55	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 17:55	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 17:55	1
2-Hexanone	ND		50		ug/L			07/13/22 17:55	1
Iodomethane	ND	*+	100		ug/L			07/13/22 17:55	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 17:55	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 17:55	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 17:55	1
o-Xylene	ND		5.0		ug/L			07/13/22 17:55	1
Styrene	ND		10		ug/L			07/13/22 17:55	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 17:55	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 17:55	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 17:55	1
Toluene	ND		2.0		ug/L			07/13/22 17:55	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 17:55	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 17:55	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 17:55	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 17:55	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 17:55	1
Trichloroethene	ND		2.0		ug/L			07/13/22 17:55	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 17:55	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 17:55	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 17:55	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 17:55	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 17:55	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-2
Date Collected: 07/06/22 13:28
Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-2
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130		07/13/22 17:55	1
Dibromofluoromethane (Surr)	95		70 - 130		07/13/22 17:55	1
1,2-Dichloroethane-d4 (Surr)	83		60 - 124		07/13/22 17:55	1
Toluene-d8 (Surr)	106		70 - 130		07/13/22 17:55	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:10	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:10	1
Barium	0.020		0.020		mg/L		07/12/22 10:12	07/12/22 21:10	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:10	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:10	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:10	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:10	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:10	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:10	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:10	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:10	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:10	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:10	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:10	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:10	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-3

Lab Sample ID: 680-218073-3

Date Collected: 07/06/22 11:08

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 18:14	1
Acrylonitrile	ND		50		ug/L			07/13/22 18:14	1
Benzene	ND		2.0		ug/L			07/13/22 18:14	1
Bromoform	ND		10		ug/L			07/13/22 18:14	1
Bromomethane	ND	*+	10		ug/L			07/13/22 18:14	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 18:14	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 18:14	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 18:14	1
Chlorobenzene	ND		10		ug/L			07/13/22 18:14	1
Chlorobromomethane	ND		10		ug/L			07/13/22 18:14	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 18:14	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 18:14	1
Chloroform	ND		2.0		ug/L			07/13/22 18:14	1
Chloromethane	ND		10		ug/L			07/13/22 18:14	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 18:14	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 18:14	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 18:14	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 18:14	1
Dibromomethane	ND		10		ug/L			07/13/22 18:14	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 18:14	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 18:14	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 18:14	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 18:14	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 18:14	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 18:14	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 18:14	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 18:14	1
2-Hexanone	ND		50		ug/L			07/13/22 18:14	1
Iodomethane	ND	*+	100		ug/L			07/13/22 18:14	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 18:14	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 18:14	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 18:14	1
o-Xylene	ND		5.0		ug/L			07/13/22 18:14	1
Styrene	ND		10		ug/L			07/13/22 18:14	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 18:14	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 18:14	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 18:14	1
Toluene	ND		2.0		ug/L			07/13/22 18:14	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 18:14	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 18:14	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 18:14	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 18:14	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 18:14	1
Trichloroethene	ND		2.0		ug/L			07/13/22 18:14	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 18:14	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 18:14	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 18:14	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 18:14	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 18:14	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-3

Lab Sample ID: 680-218073-3

Date Collected: 07/06/22 11:08

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		07/13/22 18:14	1
Dibromofluoromethane (Surr)	96		70 - 130		07/13/22 18:14	1
1,2-Dichloroethane-d4 (Surr)	83		60 - 124		07/13/22 18:14	1
Toluene-d8 (Surr)	107		70 - 130		07/13/22 18:14	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 20:57	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:57	1
Barium	0.020		0.020		mg/L		07/12/22 10:12	07/12/22 20:57	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 20:57	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 20:57	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:57	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 20:57	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:57	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 20:57	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:57	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:57	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:57	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 20:57	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:57	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:57	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-4

Lab Sample ID: 680-218073-4

Date Collected: 07/06/22 11:38

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 18:33	1
Acrylonitrile	ND		50		ug/L			07/13/22 18:33	1
Benzene	ND		2.0		ug/L			07/13/22 18:33	1
Bromoform	ND		10		ug/L			07/13/22 18:33	1
Bromomethane	ND	*+	10		ug/L			07/13/22 18:33	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 18:33	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 18:33	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 18:33	1
Chlorobenzene	ND		10		ug/L			07/13/22 18:33	1
Chlorobromomethane	ND		10		ug/L			07/13/22 18:33	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 18:33	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 18:33	1
Chloroform	ND		2.0		ug/L			07/13/22 18:33	1
Chloromethane	ND		10		ug/L			07/13/22 18:33	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 18:33	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 18:33	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 18:33	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 18:33	1
Dibromomethane	ND		10		ug/L			07/13/22 18:33	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 18:33	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 18:33	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 18:33	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 18:33	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 18:33	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 18:33	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 18:33	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 18:33	1
2-Hexanone	ND		50		ug/L			07/13/22 18:33	1
Iodomethane	ND	*+	100		ug/L			07/13/22 18:33	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 18:33	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 18:33	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 18:33	1
o-Xylene	ND		5.0		ug/L			07/13/22 18:33	1
Styrene	ND		10		ug/L			07/13/22 18:33	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 18:33	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 18:33	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 18:33	1
Toluene	ND		2.0		ug/L			07/13/22 18:33	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 18:33	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 18:33	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 18:33	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 18:33	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 18:33	1
Trichloroethene	ND		2.0		ug/L			07/13/22 18:33	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 18:33	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 18:33	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 18:33	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 18:33	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 18:33	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-4
Date Collected: 07/06/22 11:38
Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-4
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		07/13/22 18:33	1
Dibromofluoromethane (Surr)	98		70 - 130		07/13/22 18:33	1
1,2-Dichloroethane-d4 (Surr)	84		60 - 124		07/13/22 18:33	1
Toluene-d8 (Surr)	107		70 - 130		07/13/22 18:33	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 20:42	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:42	1
Barium	0.036		0.020		mg/L		07/12/22 10:12	07/12/22 20:42	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 20:42	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 20:42	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:42	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 20:42	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:42	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 20:42	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:42	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:42	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:42	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 20:42	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:42	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:42	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-5

Lab Sample ID: 680-218073-5

Date Collected: 07/06/22 12:05

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 18:53	1
Acrylonitrile	ND		50		ug/L			07/13/22 18:53	1
Benzene	ND		2.0		ug/L			07/13/22 18:53	1
Bromoform	ND		10		ug/L			07/13/22 18:53	1
Bromomethane	ND	*+	10		ug/L			07/13/22 18:53	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 18:53	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 18:53	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 18:53	1
Chlorobenzene	ND		10		ug/L			07/13/22 18:53	1
Chlorobromomethane	ND		10		ug/L			07/13/22 18:53	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 18:53	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 18:53	1
Chloroform	ND		2.0		ug/L			07/13/22 18:53	1
Chloromethane	ND		10		ug/L			07/13/22 18:53	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 18:53	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 18:53	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 18:53	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 18:53	1
Dibromomethane	ND		10		ug/L			07/13/22 18:53	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 18:53	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 18:53	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 18:53	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 18:53	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 18:53	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 18:53	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 18:53	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 18:53	1
2-Hexanone	ND		50		ug/L			07/13/22 18:53	1
Iodomethane	ND	*+	100		ug/L			07/13/22 18:53	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 18:53	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 18:53	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 18:53	1
o-Xylene	ND		5.0		ug/L			07/13/22 18:53	1
Styrene	ND		10		ug/L			07/13/22 18:53	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 18:53	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 18:53	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 18:53	1
Toluene	ND		2.0		ug/L			07/13/22 18:53	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 18:53	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 18:53	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 18:53	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 18:53	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 18:53	1
Trichloroethene	ND		2.0		ug/L			07/13/22 18:53	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 18:53	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 18:53	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 18:53	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 18:53	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 18:53	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-5
Date Collected: 07/06/22 12:05
Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-5
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		07/13/22 18:53	1
Dibromofluoromethane (Surr)	99		70 - 130		07/13/22 18:53	1
1,2-Dichloroethane-d4 (Surr)	81		60 - 124		07/13/22 18:53	1
Toluene-d8 (Surr)	106		70 - 130		07/13/22 18:53	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 20:49	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:49	1
Barium	0.037		0.020		mg/L		07/12/22 10:12	07/12/22 20:49	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 20:49	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 20:49	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:49	1
Cobalt	0.0069		0.0060		mg/L		07/12/22 10:12	07/12/22 20:49	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:49	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 20:49	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:49	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:49	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:49	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 20:49	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:49	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:49	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-6

Lab Sample ID: 680-218073-6

Date Collected: 07/05/22 10:19

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 19:12	1
Acrylonitrile	ND		50		ug/L			07/13/22 19:12	1
Benzene	ND		2.0		ug/L			07/13/22 19:12	1
Bromoform	ND		10		ug/L			07/13/22 19:12	1
Bromomethane	ND	*+	10		ug/L			07/13/22 19:12	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 19:12	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 19:12	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 19:12	1
Chlorobenzene	ND		10		ug/L			07/13/22 19:12	1
Chlorobromomethane	ND		10		ug/L			07/13/22 19:12	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 19:12	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 19:12	1
Chloroform	ND		2.0		ug/L			07/13/22 19:12	1
Chloromethane	ND		10		ug/L			07/13/22 19:12	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 19:12	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 19:12	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 19:12	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 19:12	1
Dibromomethane	ND		10		ug/L			07/13/22 19:12	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 19:12	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 19:12	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 19:12	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 19:12	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 19:12	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 19:12	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 19:12	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 19:12	1
2-Hexanone	ND		50		ug/L			07/13/22 19:12	1
Iodomethane	ND	*+	100		ug/L			07/13/22 19:12	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 19:12	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 19:12	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 19:12	1
o-Xylene	ND		5.0		ug/L			07/13/22 19:12	1
Styrene	ND		10		ug/L			07/13/22 19:12	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 19:12	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 19:12	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 19:12	1
Toluene	ND		2.0		ug/L			07/13/22 19:12	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 19:12	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 19:12	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 19:12	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 19:12	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 19:12	1
Trichloroethene	ND		2.0		ug/L			07/13/22 19:12	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 19:12	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 19:12	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 19:12	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 19:12	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 19:12	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-6
Date Collected: 07/05/22 10:19
Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-6
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		07/13/22 19:12	1
Dibromofluoromethane (Surr)	96		70 - 130		07/13/22 19:12	1
1,2-Dichloroethane-d4 (Surr)	82		60 - 124		07/13/22 19:12	1
Toluene-d8 (Surr)	106		70 - 130		07/13/22 19:12	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:12	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:12	1
Barium	0.076		0.020		mg/L		07/12/22 09:26	07/12/22 19:12	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:12	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:12	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:12	1
Cobalt	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:12	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:12	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:12	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:12	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:12	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:12	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:12	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:12	1
Zinc	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:12	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-7

Lab Sample ID: 680-218073-7

Date Collected: 07/07/22 12:16

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 19:31	1
Acrylonitrile	ND		50		ug/L			07/13/22 19:31	1
Benzene	ND		2.0		ug/L			07/13/22 19:31	1
Bromoform	ND		10		ug/L			07/13/22 19:31	1
Bromomethane	ND	*+	10		ug/L			07/13/22 19:31	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 19:31	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 19:31	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 19:31	1
Chlorobenzene	ND		10		ug/L			07/13/22 19:31	1
Chlorobromomethane	ND		10		ug/L			07/13/22 19:31	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 19:31	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 19:31	1
Chloroform	ND		2.0		ug/L			07/13/22 19:31	1
Chloromethane	ND		10		ug/L			07/13/22 19:31	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 19:31	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 19:31	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 19:31	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 19:31	1
Dibromomethane	ND		10		ug/L			07/13/22 19:31	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 19:31	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 19:31	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 19:31	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 19:31	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 19:31	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 19:31	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 19:31	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 19:31	1
2-Hexanone	ND		50		ug/L			07/13/22 19:31	1
Iodomethane	ND	*+	100		ug/L			07/13/22 19:31	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 19:31	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 19:31	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 19:31	1
o-Xylene	ND		5.0		ug/L			07/13/22 19:31	1
Styrene	ND		10		ug/L			07/13/22 19:31	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 19:31	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 19:31	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 19:31	1
Toluene	ND		2.0		ug/L			07/13/22 19:31	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 19:31	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 19:31	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 19:31	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 19:31	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 19:31	1
Trichloroethene	ND		2.0		ug/L			07/13/22 19:31	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 19:31	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 19:31	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 19:31	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 19:31	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 19:31	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-7

Lab Sample ID: 680-218073-7

Date Collected: 07/07/22 12:16

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		07/13/22 19:31	1
Dibromofluoromethane (Surr)	94		70 - 130		07/13/22 19:31	1
1,2-Dichloroethane-d4 (Surr)	84		60 - 124		07/13/22 19:31	1
Toluene-d8 (Surr)	106		70 - 130		07/13/22 19:31	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:13	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:13	1
Barium	0.022		0.020		mg/L		07/12/22 10:12	07/12/22 21:13	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:13	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:13	1
Chromium	0.049		0.010		mg/L		07/12/22 10:12	07/12/22 21:13	1
Cobalt	0.024		0.0060		mg/L		07/12/22 10:12	07/12/22 21:13	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:13	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:13	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:13	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:13	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:13	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:13	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:13	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:13	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-7A

Lab Sample ID: 680-218073-8

Date Collected: 07/07/22 13:03

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 19:51	1
Acrylonitrile	ND		50		ug/L			07/13/22 19:51	1
Benzene	ND		2.0		ug/L			07/13/22 19:51	1
Bromoform	ND		10		ug/L			07/13/22 19:51	1
Bromomethane	ND	*+	10		ug/L			07/13/22 19:51	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 19:51	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 19:51	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 19:51	1
Chlorobenzene	ND		10		ug/L			07/13/22 19:51	1
Chlorobromomethane	ND		10		ug/L			07/13/22 19:51	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 19:51	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 19:51	1
Chloroform	ND		2.0		ug/L			07/13/22 19:51	1
Chloromethane	ND		10		ug/L			07/13/22 19:51	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 19:51	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 19:51	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 19:51	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 19:51	1
Dibromomethane	ND		10		ug/L			07/13/22 19:51	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 19:51	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 19:51	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 19:51	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 19:51	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 19:51	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 19:51	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 19:51	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 19:51	1
2-Hexanone	ND		50		ug/L			07/13/22 19:51	1
Iodomethane	ND	*+	100		ug/L			07/13/22 19:51	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 19:51	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 19:51	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 19:51	1
o-Xylene	ND		5.0		ug/L			07/13/22 19:51	1
Styrene	ND		10		ug/L			07/13/22 19:51	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 19:51	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 19:51	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 19:51	1
Toluene	ND		2.0		ug/L			07/13/22 19:51	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 19:51	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 19:51	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 19:51	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 19:51	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 19:51	1
Trichloroethene	ND		2.0		ug/L			07/13/22 19:51	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 19:51	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 19:51	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 19:51	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 19:51	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 19:51	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-7A

Lab Sample ID: 680-218073-8

Date Collected: 07/07/22 13:03

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		07/13/22 19:51	1
Dibromofluoromethane (Surr)	96		70 - 130		07/13/22 19:51	1
1,2-Dichloroethane-d4 (Surr)	82		60 - 124		07/13/22 19:51	1
Toluene-d8 (Surr)	104		70 - 130		07/13/22 19:51	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:38	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:38	1
Barium	0.030		0.020		mg/L		07/12/22 10:12	07/12/22 21:38	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:38	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:38	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:38	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:38	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:38	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:38	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:38	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:38	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:38	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:38	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:38	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:38	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-8

Lab Sample ID: 680-218073-9

Date Collected: 07/06/22 12:45

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 20:10	1
Acrylonitrile	ND		50		ug/L			07/13/22 20:10	1
Benzene	ND		2.0		ug/L			07/13/22 20:10	1
Bromoform	ND		10		ug/L			07/13/22 20:10	1
Bromomethane	ND	*+	10		ug/L			07/13/22 20:10	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 20:10	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 20:10	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 20:10	1
Chlorobenzene	ND		10		ug/L			07/13/22 20:10	1
Chlorobromomethane	ND		10		ug/L			07/13/22 20:10	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 20:10	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 20:10	1
Chloroform	ND		2.0		ug/L			07/13/22 20:10	1
Chloromethane	ND		10		ug/L			07/13/22 20:10	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 20:10	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 20:10	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 20:10	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 20:10	1
Dibromomethane	ND		10		ug/L			07/13/22 20:10	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 20:10	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 20:10	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 20:10	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 20:10	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 20:10	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 20:10	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 20:10	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 20:10	1
2-Hexanone	ND		50		ug/L			07/13/22 20:10	1
Iodomethane	ND	*+	100		ug/L			07/13/22 20:10	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 20:10	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 20:10	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 20:10	1
o-Xylene	ND		5.0		ug/L			07/13/22 20:10	1
Styrene	ND		10		ug/L			07/13/22 20:10	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 20:10	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 20:10	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 20:10	1
Toluene	ND		2.0		ug/L			07/13/22 20:10	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 20:10	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 20:10	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 20:10	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 20:10	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 20:10	1
Trichloroethene	ND		2.0		ug/L			07/13/22 20:10	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 20:10	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 20:10	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 20:10	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 20:10	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 20:10	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-8

Lab Sample ID: 680-218073-9

Date Collected: 07/06/22 12:45

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130		07/13/22 20:10	1
Dibromofluoromethane (Surr)	98		70 - 130		07/13/22 20:10	1
1,2-Dichloroethane-d4 (Surr)	85		60 - 124		07/13/22 20:10	1
Toluene-d8 (Surr)	107		70 - 130		07/13/22 20:10	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 20:52	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:52	1
Barium	0.053		0.020		mg/L		07/12/22 10:12	07/12/22 20:52	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 20:52	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 20:52	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:52	1
Cobalt	0.029		0.0060		mg/L		07/12/22 10:12	07/12/22 20:52	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:52	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 20:52	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:52	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:52	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:52	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 20:52	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:52	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:52	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-9

Lab Sample ID: 680-218073-10

Date Collected: 07/05/22 11:02

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 20:29	1
Acrylonitrile	ND		50		ug/L			07/13/22 20:29	1
Benzene	ND		2.0		ug/L			07/13/22 20:29	1
Bromoform	ND		10		ug/L			07/13/22 20:29	1
Bromomethane	ND	*+	10		ug/L			07/13/22 20:29	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 20:29	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 20:29	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 20:29	1
Chlorobenzene	ND		10		ug/L			07/13/22 20:29	1
Chlorobromomethane	ND		10		ug/L			07/13/22 20:29	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 20:29	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 20:29	1
Chloroform	ND		2.0		ug/L			07/13/22 20:29	1
Chloromethane	ND		10		ug/L			07/13/22 20:29	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 20:29	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 20:29	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 20:29	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 20:29	1
Dibromomethane	ND		10		ug/L			07/13/22 20:29	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 20:29	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 20:29	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 20:29	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 20:29	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 20:29	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 20:29	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 20:29	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 20:29	1
2-Hexanone	ND		50		ug/L			07/13/22 20:29	1
Iodomethane	ND	*+	100		ug/L			07/13/22 20:29	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 20:29	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 20:29	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 20:29	1
o-Xylene	ND		5.0		ug/L			07/13/22 20:29	1
Styrene	ND		10		ug/L			07/13/22 20:29	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 20:29	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 20:29	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 20:29	1
Toluene	ND		2.0		ug/L			07/13/22 20:29	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 20:29	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 20:29	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 20:29	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 20:29	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 20:29	1
Trichloroethene	ND		2.0		ug/L			07/13/22 20:29	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 20:29	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 20:29	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 20:29	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 20:29	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 20:29	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-9

Lab Sample ID: 680-218073-10

Date Collected: 07/05/22 11:02

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		07/13/22 20:29	1
Dibromofluoromethane (Surr)	96		70 - 130		07/13/22 20:29	1
1,2-Dichloroethane-d4 (Surr)	85		60 - 124		07/13/22 20:29	1
Toluene-d8 (Surr)	106		70 - 130		07/13/22 20:29	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:14	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:14	1
Barium	0.13		0.020		mg/L		07/12/22 09:26	07/12/22 19:14	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:14	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:14	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:14	1
Cobalt	0.051		0.0060		mg/L		07/12/22 09:26	07/12/22 19:14	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:14	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:14	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:14	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:14	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:14	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:14	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:14	1
Zinc	0.036		0.020		mg/L		07/12/22 09:26	07/12/22 19:14	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-10D

Lab Sample ID: 680-218073-11

Date Collected: 07/07/22 12:10

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 20:48	1
Acrylonitrile	ND		50		ug/L			07/13/22 20:48	1
Benzene	ND		2.0		ug/L			07/13/22 20:48	1
Bromoform	ND		10		ug/L			07/13/22 20:48	1
Bromomethane	ND	*+	10		ug/L			07/13/22 20:48	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 20:48	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 20:48	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 20:48	1
Chlorobenzene	ND		10		ug/L			07/13/22 20:48	1
Chlorobromomethane	ND		10		ug/L			07/13/22 20:48	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 20:48	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 20:48	1
Chloroform	ND		2.0		ug/L			07/13/22 20:48	1
Chloromethane	ND		10		ug/L			07/13/22 20:48	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 20:48	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 20:48	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 20:48	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 20:48	1
Dibromomethane	ND		10		ug/L			07/13/22 20:48	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 20:48	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 20:48	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 20:48	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 20:48	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 20:48	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 20:48	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 20:48	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 20:48	1
2-Hexanone	ND		50		ug/L			07/13/22 20:48	1
Iodomethane	ND	*+	100		ug/L			07/13/22 20:48	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 20:48	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 20:48	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 20:48	1
o-Xylene	ND		5.0		ug/L			07/13/22 20:48	1
Styrene	ND		10		ug/L			07/13/22 20:48	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 20:48	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 20:48	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 20:48	1
Toluene	ND		2.0		ug/L			07/13/22 20:48	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 20:48	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 20:48	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 20:48	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 20:48	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 20:48	1
Trichloroethene	ND		2.0		ug/L			07/13/22 20:48	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 20:48	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 20:48	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 20:48	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 20:48	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 20:48	1

Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-10D
Date Collected: 07/07/22 12:10
Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-11
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		07/13/22 20:48	1
Dibromofluoromethane (Surr)	97		70 - 130		07/13/22 20:48	1
1,2-Dichloroethane-d4 (Surr)	84		60 - 124		07/13/22 20:48	1
Toluene-d8 (Surr)	106		70 - 130		07/13/22 20:48	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:15	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:15	1
Barium	0.12		0.020		mg/L		07/12/22 10:12	07/12/22 21:15	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:15	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:15	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:15	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:15	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:15	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:15	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:15	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:15	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:15	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:15	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:15	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:15	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-11

Lab Sample ID: 680-218073-12

Date Collected: 07/05/22 13:49

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 21:08	1
Acrylonitrile	ND		50		ug/L			07/13/22 21:08	1
Benzene	3.2		2.0		ug/L			07/13/22 21:08	1
Bromoform	ND		10		ug/L			07/13/22 21:08	1
Bromomethane	ND	*+	10		ug/L			07/13/22 21:08	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 21:08	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 21:08	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 21:08	1
Chlorobenzene	ND		10		ug/L			07/13/22 21:08	1
Chlorobromomethane	ND		10		ug/L			07/13/22 21:08	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 21:08	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 21:08	1
Chloroform	ND		2.0		ug/L			07/13/22 21:08	1
Chloromethane	ND		10		ug/L			07/13/22 21:08	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 21:08	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 21:08	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 21:08	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 21:08	1
Dibromomethane	ND		10		ug/L			07/13/22 21:08	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 21:08	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 21:08	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 21:08	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 21:08	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 21:08	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 21:08	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 21:08	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 21:08	1
2-Hexanone	ND		50		ug/L			07/13/22 21:08	1
Iodomethane	ND	*+	100		ug/L			07/13/22 21:08	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 21:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 21:08	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 21:08	1
o-Xylene	ND		5.0		ug/L			07/13/22 21:08	1
Styrene	ND		10		ug/L			07/13/22 21:08	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 21:08	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 21:08	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 21:08	1
Toluene	ND		2.0		ug/L			07/13/22 21:08	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 21:08	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 21:08	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 21:08	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 21:08	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 21:08	1
Trichloroethene	ND		2.0		ug/L			07/13/22 21:08	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 21:08	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 21:08	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 21:08	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 21:08	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 21:08	1

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-11
 Date Collected: 07/05/22 13:49
 Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-12
 Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		07/13/22 21:08	1
Dibromofluoromethane (Surr)	100		70 - 130		07/13/22 21:08	1
1,2-Dichloroethane-d4 (Surr)	84		60 - 124		07/13/22 21:08	1
Toluene-d8 (Surr)	105		70 - 130		07/13/22 21:08	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:17	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:17	1
Barium	0.47		0.020		mg/L		07/12/22 09:26	07/12/22 19:17	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:17	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:17	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:17	1
Cobalt	0.082		0.0060		mg/L		07/12/22 09:26	07/12/22 19:17	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:17	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:17	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:17	1
Selenium	0.034		0.010		mg/L		07/12/22 09:26	07/12/22 19:17	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:17	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:17	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:17	1
Zinc	0.074		0.020		mg/L		07/12/22 09:26	07/12/22 19:17	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-13R

Lab Sample ID: 680-218073-13

Date Collected: 07/07/22 13:05

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 21:27	1
Acrylonitrile	ND		50		ug/L			07/13/22 21:27	1
Benzene	ND		2.0		ug/L			07/13/22 21:27	1
Bromoform	ND		10		ug/L			07/13/22 21:27	1
Bromomethane	ND	*+	10		ug/L			07/13/22 21:27	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 21:27	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 21:27	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 21:27	1
Chlorobenzene	ND		10		ug/L			07/13/22 21:27	1
Chlorobromomethane	ND		10		ug/L			07/13/22 21:27	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 21:27	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 21:27	1
Chloroform	ND		2.0		ug/L			07/13/22 21:27	1
Chloromethane	ND		10		ug/L			07/13/22 21:27	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 21:27	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 21:27	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 21:27	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 21:27	1
Dibromomethane	ND		10		ug/L			07/13/22 21:27	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 21:27	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 21:27	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 21:27	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 21:27	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 21:27	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 21:27	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 21:27	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 21:27	1
2-Hexanone	ND		50		ug/L			07/13/22 21:27	1
Iodomethane	ND	*+	100		ug/L			07/13/22 21:27	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 21:27	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 21:27	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 21:27	1
o-Xylene	ND		5.0		ug/L			07/13/22 21:27	1
Styrene	ND		10		ug/L			07/13/22 21:27	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 21:27	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 21:27	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 21:27	1
Toluene	ND		2.0		ug/L			07/13/22 21:27	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 21:27	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 21:27	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 21:27	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 21:27	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 21:27	1
Trichloroethene	ND		2.0		ug/L			07/13/22 21:27	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 21:27	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 21:27	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 21:27	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 21:27	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 21:27	1

Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-13R

Lab Sample ID: 680-218073-13

Date Collected: 07/07/22 13:05

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		07/13/22 21:27	1
Dibromofluoromethane (Surr)	98		70 - 130		07/13/22 21:27	1
1,2-Dichloroethane-d4 (Surr)	84		60 - 124		07/13/22 21:27	1
Toluene-d8 (Surr)	105		70 - 130		07/13/22 21:27	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:18	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:18	1
Barium	0.044		0.020		mg/L		07/12/22 10:12	07/12/22 21:18	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:18	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:18	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:18	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:18	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:18	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:18	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:18	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:18	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:18	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:18	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:18	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:18	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-14R

Lab Sample ID: 680-218073-14

Date Collected: 07/07/22 11:49

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 21:46	1
Acrylonitrile	ND		50		ug/L			07/13/22 21:46	1
Benzene	ND		2.0		ug/L			07/13/22 21:46	1
Bromoform	ND		10		ug/L			07/13/22 21:46	1
Bromomethane	ND	*+	10		ug/L			07/13/22 21:46	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 21:46	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 21:46	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 21:46	1
Chlorobenzene	ND		10		ug/L			07/13/22 21:46	1
Chlorobromomethane	ND		10		ug/L			07/13/22 21:46	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 21:46	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 21:46	1
Chloroform	ND		2.0		ug/L			07/13/22 21:46	1
Chloromethane	ND		10		ug/L			07/13/22 21:46	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 21:46	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 21:46	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 21:46	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 21:46	1
Dibromomethane	ND		10		ug/L			07/13/22 21:46	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 21:46	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 21:46	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 21:46	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 21:46	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 21:46	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 21:46	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 21:46	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 21:46	1
2-Hexanone	ND		50		ug/L			07/13/22 21:46	1
Iodomethane	ND	*+	100		ug/L			07/13/22 21:46	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 21:46	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 21:46	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 21:46	1
o-Xylene	ND		5.0		ug/L			07/13/22 21:46	1
Styrene	ND		10		ug/L			07/13/22 21:46	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 21:46	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 21:46	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 21:46	1
Toluene	ND		2.0		ug/L			07/13/22 21:46	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 21:46	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 21:46	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 21:46	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 21:46	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 21:46	1
Trichloroethene	ND		2.0		ug/L			07/13/22 21:46	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 21:46	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 21:46	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 21:46	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 21:46	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 21:46	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-14R

Lab Sample ID: 680-218073-14

Date Collected: 07/07/22 11:49

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		07/13/22 21:46	1
Dibromofluoromethane (Surr)	96		70 - 130		07/13/22 21:46	1
1,2-Dichloroethane-d4 (Surr)	84		60 - 124		07/13/22 21:46	1
Toluene-d8 (Surr)	107		70 - 130		07/13/22 21:46	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:28	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:28	1
Barium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:28	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:28	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:28	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:28	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:28	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:28	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:28	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:28	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:28	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:28	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:28	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:28	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:28	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-15

Lab Sample ID: 680-218073-15

Date Collected: 07/06/22 14:33

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/22 22:05	1
Acrylonitrile	ND		50		ug/L			07/13/22 22:05	1
Benzene	ND		2.0		ug/L			07/13/22 22:05	1
Bromoform	ND		10		ug/L			07/13/22 22:05	1
Bromomethane	ND	*+	10		ug/L			07/13/22 22:05	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 22:05	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 22:05	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 22:05	1
Chlorobenzene	ND		10		ug/L			07/13/22 22:05	1
Chlorobromomethane	ND		10		ug/L			07/13/22 22:05	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 22:05	1
Chloroethane	ND	*+ *1	5.0		ug/L			07/13/22 22:05	1
Chloroform	ND		2.0		ug/L			07/13/22 22:05	1
Chloromethane	ND		10		ug/L			07/13/22 22:05	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 22:05	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 22:05	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 22:05	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 22:05	1
Dibromomethane	ND		10		ug/L			07/13/22 22:05	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 22:05	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 22:05	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 22:05	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 22:05	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 22:05	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 22:05	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 22:05	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 22:05	1
2-Hexanone	ND		50		ug/L			07/13/22 22:05	1
Iodomethane	ND	*+	100		ug/L			07/13/22 22:05	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 22:05	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 22:05	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 22:05	1
o-Xylene	ND		5.0		ug/L			07/13/22 22:05	1
Styrene	ND		10		ug/L			07/13/22 22:05	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 22:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 22:05	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 22:05	1
Toluene	ND		2.0		ug/L			07/13/22 22:05	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 22:05	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 22:05	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 22:05	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 22:05	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 22:05	1
Trichloroethene	ND		2.0		ug/L			07/13/22 22:05	1
Trichlorofluoromethane	ND	*- *1	10		ug/L			07/13/22 22:05	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 22:05	1
Vinyl acetate	ND	*1	100		ug/L			07/13/22 22:05	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 22:05	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 22:05	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-15

Lab Sample ID: 680-218073-15

Date Collected: 07/06/22 14:33

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		07/13/22 22:05	1
Dibromofluoromethane (Surr)	102		70 - 130		07/13/22 22:05	1
1,2-Dichloroethane-d4 (Surr)	82		60 - 124		07/13/22 22:05	1
Toluene-d8 (Surr)	107		70 - 130		07/13/22 22:05	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 20:55	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:55	1
Barium	0.15		0.020		mg/L		07/12/22 10:12	07/12/22 20:55	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 20:55	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 20:55	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:55	1
Cobalt	0.010		0.0060		mg/L		07/12/22 10:12	07/12/22 20:55	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:55	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 20:55	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:55	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:55	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:55	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 20:55	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:55	1
Zinc	0.020		0.020		mg/L		07/12/22 10:12	07/12/22 20:55	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-16

Lab Sample ID: 680-218073-16

Date Collected: 07/07/22 11:20

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 18:26	1
Acrylonitrile	ND		50		ug/L			07/14/22 18:26	1
Benzene	ND		2.0		ug/L			07/14/22 18:26	1
Bromoform	ND		10		ug/L			07/14/22 18:26	1
Bromomethane	ND		10		ug/L			07/14/22 18:26	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 18:26	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 18:26	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 18:26	1
Chlorobenzene	ND		10		ug/L			07/14/22 18:26	1
Chlorobromomethane	ND		10		ug/L			07/14/22 18:26	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 18:26	1
Chloroethane	ND		5.0		ug/L			07/14/22 18:26	1
Chloroform	ND		2.0		ug/L			07/14/22 18:26	1
Chloromethane	ND		10		ug/L			07/14/22 18:26	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 18:26	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 18:26	1
1,2-Dibromo-3-Chloropropane	ND	*+	25		ug/L			07/14/22 18:26	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 18:26	1
Dibromomethane	ND		10		ug/L			07/14/22 18:26	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 18:26	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 18:26	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 18:26	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 18:26	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 18:26	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 18:26	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 18:26	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 18:26	1
2-Hexanone	ND		50		ug/L			07/14/22 18:26	1
Iodomethane	ND		100		ug/L			07/14/22 18:26	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 18:26	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 18:26	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 18:26	1
o-Xylene	ND		5.0		ug/L			07/14/22 18:26	1
Styrene	ND		10		ug/L			07/14/22 18:26	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 18:26	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 18:26	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 18:26	1
Toluene	ND		2.0		ug/L			07/14/22 18:26	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 18:26	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 18:26	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 18:26	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 18:26	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 18:26	1
Trichloroethene	ND		2.0		ug/L			07/14/22 18:26	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 18:26	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 18:26	1
Vinyl acetate	ND		100		ug/L			07/14/22 18:26	1
Vinyl chloride	ND	*+	2.0		ug/L			07/14/22 18:26	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 18:26	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-16

Lab Sample ID: 680-218073-16

Date Collected: 07/07/22 11:20

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		07/14/22 18:26	1
Dibromofluoromethane (Surr)	106		70 - 130		07/14/22 18:26	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 124		07/14/22 18:26	1
Toluene-d8 (Surr)	106		70 - 130		07/14/22 18:26	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:20	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:20	1
Barium	0.14		0.020		mg/L		07/12/22 10:12	07/12/22 21:20	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:20	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:20	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:20	1
Cobalt	0.016		0.0060		mg/L		07/12/22 10:12	07/12/22 21:20	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:20	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:20	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:20	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:20	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:20	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:20	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:20	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:20	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-17

Lab Sample ID: 680-218073-17

Date Collected: 07/07/22 11:06

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 18:49	1
Acrylonitrile	ND		50		ug/L			07/14/22 18:49	1
Benzene	ND		2.0		ug/L			07/14/22 18:49	1
Bromoform	ND		10		ug/L			07/14/22 18:49	1
Bromomethane	ND		10		ug/L			07/14/22 18:49	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 18:49	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 18:49	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 18:49	1
Chlorobenzene	ND		10		ug/L			07/14/22 18:49	1
Chlorobromomethane	ND		10		ug/L			07/14/22 18:49	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 18:49	1
Chloroethane	ND		5.0		ug/L			07/14/22 18:49	1
Chloroform	ND		2.0		ug/L			07/14/22 18:49	1
Chloromethane	ND		10		ug/L			07/14/22 18:49	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 18:49	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 18:49	1
1,2-Dibromo-3-Chloropropane	ND	*+	25		ug/L			07/14/22 18:49	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 18:49	1
Dibromomethane	ND		10		ug/L			07/14/22 18:49	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 18:49	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 18:49	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 18:49	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 18:49	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 18:49	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 18:49	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 18:49	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 18:49	1
2-Hexanone	ND		50		ug/L			07/14/22 18:49	1
Iodomethane	ND		100		ug/L			07/14/22 18:49	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 18:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 18:49	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 18:49	1
o-Xylene	ND		5.0		ug/L			07/14/22 18:49	1
Styrene	ND		10		ug/L			07/14/22 18:49	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 18:49	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 18:49	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 18:49	1
Toluene	ND		2.0		ug/L			07/14/22 18:49	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 18:49	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 18:49	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 18:49	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 18:49	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 18:49	1
Trichloroethene	ND		2.0		ug/L			07/14/22 18:49	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 18:49	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 18:49	1
Vinyl acetate	ND		100		ug/L			07/14/22 18:49	1
Vinyl chloride	ND	*+	2.0		ug/L			07/14/22 18:49	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 18:49	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-17

Lab Sample ID: 680-218073-17

Date Collected: 07/07/22 11:06

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		07/14/22 18:49	1
Dibromofluoromethane (Surr)	104		70 - 130		07/14/22 18:49	1
1,2-Dichloroethane-d4 (Surr)	102		60 - 124		07/14/22 18:49	1
Toluene-d8 (Surr)	104		70 - 130		07/14/22 18:49	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:23	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:23	1
Barium	0.077		0.020		mg/L		07/12/22 10:12	07/12/22 21:23	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:23	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:23	1
Chromium	0.011		0.010		mg/L		07/12/22 10:12	07/12/22 21:23	1
Cobalt	0.0069		0.0060		mg/L		07/12/22 10:12	07/12/22 21:23	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:23	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:23	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:23	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:23	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:23	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:23	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:23	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:23	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-18

Lab Sample ID: 680-218073-18

Date Collected: 07/07/22 11:38

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 17:22	1
Acrylonitrile	ND		50		ug/L			07/14/22 17:22	1
Benzene	ND		2.0		ug/L			07/14/22 17:22	1
Bromoform	ND		10		ug/L			07/14/22 17:22	1
Bromomethane	ND		10		ug/L			07/14/22 17:22	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 17:22	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 17:22	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 17:22	1
Chlorobenzene	ND		10		ug/L			07/14/22 17:22	1
Chlorobromomethane	ND		10		ug/L			07/14/22 17:22	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 17:22	1
Chloroethane	ND		5.0		ug/L			07/14/22 17:22	1
Chloroform	ND		2.0		ug/L			07/14/22 17:22	1
Chloromethane	ND		10		ug/L			07/14/22 17:22	1
cis-1,2-Dichloroethene	4.9		2.0		ug/L			07/14/22 17:22	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 17:22	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 17:22	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 17:22	1
Dibromomethane	ND		10		ug/L			07/14/22 17:22	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 17:22	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 17:22	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 17:22	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 17:22	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 17:22	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 17:22	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 17:22	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 17:22	1
2-Hexanone	ND		50		ug/L			07/14/22 17:22	1
Iodomethane	ND		100		ug/L			07/14/22 17:22	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 17:22	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 17:22	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 17:22	1
o-Xylene	ND		5.0		ug/L			07/14/22 17:22	1
Styrene	ND		10		ug/L			07/14/22 17:22	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 17:22	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 17:22	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 17:22	1
Toluene	ND		2.0		ug/L			07/14/22 17:22	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 17:22	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 17:22	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 17:22	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 17:22	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 17:22	1
Trichloroethene	ND		2.0		ug/L			07/14/22 17:22	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 17:22	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 17:22	1
Vinyl acetate	ND	*+	100		ug/L			07/14/22 17:22	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 17:22	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 17:22	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-18

Lab Sample ID: 680-218073-18

Date Collected: 07/07/22 11:38

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130		07/14/22 17:22	1
Dibromofluoromethane (Surr)	104		70 - 130		07/14/22 17:22	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 124		07/14/22 17:22	1
Toluene-d8 (Surr)	104		70 - 130		07/14/22 17:22	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:25	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:25	1
Barium	0.027		0.020		mg/L		07/12/22 10:12	07/12/22 21:25	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:25	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:25	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:25	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:25	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:25	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:25	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:25	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:25	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:25	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:25	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:25	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:25	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-19

Lab Sample ID: 680-218073-19

Date Collected: 07/07/22 10:11

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 17:46	1
Acrylonitrile	ND		50		ug/L			07/14/22 17:46	1
Benzene	ND		2.0		ug/L			07/14/22 17:46	1
Bromoform	ND		10		ug/L			07/14/22 17:46	1
Bromomethane	ND		10		ug/L			07/14/22 17:46	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 17:46	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 17:46	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 17:46	1
Chlorobenzene	ND		10		ug/L			07/14/22 17:46	1
Chlorobromomethane	ND		10		ug/L			07/14/22 17:46	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 17:46	1
Chloroethane	ND		5.0		ug/L			07/14/22 17:46	1
Chloroform	ND		2.0		ug/L			07/14/22 17:46	1
Chloromethane	ND		10		ug/L			07/14/22 17:46	1
cis-1,2-Dichloroethene	3.8		2.0		ug/L			07/14/22 17:46	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 17:46	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 17:46	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 17:46	1
Dibromomethane	ND		10		ug/L			07/14/22 17:46	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 17:46	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 17:46	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 17:46	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 17:46	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 17:46	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 17:46	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 17:46	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 17:46	1
2-Hexanone	ND		50		ug/L			07/14/22 17:46	1
Iodomethane	ND		100		ug/L			07/14/22 17:46	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 17:46	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 17:46	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 17:46	1
o-Xylene	ND		5.0		ug/L			07/14/22 17:46	1
Styrene	ND		10		ug/L			07/14/22 17:46	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 17:46	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 17:46	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 17:46	1
Toluene	ND		2.0		ug/L			07/14/22 17:46	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 17:46	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 17:46	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 17:46	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 17:46	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 17:46	1
Trichloroethene	ND		2.0		ug/L			07/14/22 17:46	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 17:46	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 17:46	1
Vinyl acetate	ND	*+	100		ug/L			07/14/22 17:46	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 17:46	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 17:46	1

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-19

Lab Sample ID: 680-218073-19

Date Collected: 07/07/22 10:11

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		07/14/22 17:46	1
Dibromofluoromethane (Surr)	101		70 - 130		07/14/22 17:46	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 124		07/14/22 17:46	1
Toluene-d8 (Surr)	103		70 - 130		07/14/22 17:46	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:30	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:30	1
Barium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:30	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:30	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:30	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:30	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:30	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:30	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:30	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:30	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:30	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:30	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:30	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:30	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:30	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-20

Lab Sample ID: 680-218073-20

Date Collected: 07/06/22 10:18

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 19:13	1
Acrylonitrile	ND		50		ug/L			07/14/22 19:13	1
Benzene	ND		2.0		ug/L			07/14/22 19:13	1
Bromoform	ND		10		ug/L			07/14/22 19:13	1
Bromomethane	ND		10		ug/L			07/14/22 19:13	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 19:13	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 19:13	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 19:13	1
Chlorobenzene	ND		10		ug/L			07/14/22 19:13	1
Chlorobromomethane	ND		10		ug/L			07/14/22 19:13	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 19:13	1
Chloroethane	ND		5.0		ug/L			07/14/22 19:13	1
Chloroform	ND		2.0		ug/L			07/14/22 19:13	1
Chloromethane	ND		10		ug/L			07/14/22 19:13	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:13	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:13	1
1,2-Dibromo-3-Chloropropane	ND	*+	25		ug/L			07/14/22 19:13	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 19:13	1
Dibromomethane	ND		10		ug/L			07/14/22 19:13	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 19:13	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 19:13	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 19:13	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 19:13	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 19:13	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 19:13	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 19:13	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 19:13	1
2-Hexanone	ND		50		ug/L			07/14/22 19:13	1
Iodomethane	ND		100		ug/L			07/14/22 19:13	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 19:13	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 19:13	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 19:13	1
o-Xylene	ND		5.0		ug/L			07/14/22 19:13	1
Styrene	ND		10		ug/L			07/14/22 19:13	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:13	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:13	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 19:13	1
Toluene	ND		2.0		ug/L			07/14/22 19:13	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 19:13	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:13	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:13	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 19:13	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 19:13	1
Trichloroethene	ND		2.0		ug/L			07/14/22 19:13	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 19:13	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 19:13	1
Vinyl acetate	ND		100		ug/L			07/14/22 19:13	1
Vinyl chloride	ND	*+	2.0		ug/L			07/14/22 19:13	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 19:13	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-20

Lab Sample ID: 680-218073-20

Date Collected: 07/06/22 10:18

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130		07/14/22 19:13	1
Dibromofluoromethane (Surr)	107		70 - 130		07/14/22 19:13	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 124		07/14/22 19:13	1
Toluene-d8 (Surr)	105		70 - 130		07/14/22 19:13	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:00	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:00	1
Barium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:00	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:00	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:00	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:00	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:00	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:00	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:00	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:00	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:00	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:00	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:00	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:00	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:00	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-21

Lab Sample ID: 680-218073-21

Date Collected: 07/07/22 10:50

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 18:11	1
Acrylonitrile	ND		50		ug/L			07/14/22 18:11	1
Benzene	ND		2.0		ug/L			07/14/22 18:11	1
Bromoform	ND		10		ug/L			07/14/22 18:11	1
Bromomethane	ND		10		ug/L			07/14/22 18:11	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 18:11	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 18:11	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 18:11	1
Chlorobenzene	ND		10		ug/L			07/14/22 18:11	1
Chlorobromomethane	ND		10		ug/L			07/14/22 18:11	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 18:11	1
Chloroethane	ND		5.0		ug/L			07/14/22 18:11	1
Chloroform	ND		2.0		ug/L			07/14/22 18:11	1
Chloromethane	ND		10		ug/L			07/14/22 18:11	1
cis-1,2-Dichloroethene	2.7		2.0		ug/L			07/14/22 18:11	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 18:11	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 18:11	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 18:11	1
Dibromomethane	ND		10		ug/L			07/14/22 18:11	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 18:11	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 18:11	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 18:11	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 18:11	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 18:11	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 18:11	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 18:11	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 18:11	1
2-Hexanone	ND		50		ug/L			07/14/22 18:11	1
Iodomethane	ND		100		ug/L			07/14/22 18:11	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 18:11	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 18:11	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 18:11	1
o-Xylene	ND		5.0		ug/L			07/14/22 18:11	1
Styrene	ND		10		ug/L			07/14/22 18:11	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 18:11	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 18:11	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 18:11	1
Toluene	ND		2.0		ug/L			07/14/22 18:11	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 18:11	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 18:11	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 18:11	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 18:11	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 18:11	1
Trichloroethene	ND		2.0		ug/L			07/14/22 18:11	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 18:11	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 18:11	1
Vinyl acetate	ND	+	100		ug/L			07/14/22 18:11	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 18:11	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 18:11	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-21
Date Collected: 07/07/22 10:50
Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-21
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130		07/14/22 18:11	1
Dibromofluoromethane (Surr)	105		70 - 130		07/14/22 18:11	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		07/14/22 18:11	1
Toluene-d8 (Surr)	104		70 - 130		07/14/22 18:11	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:41	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:41	1
Barium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:41	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:41	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:41	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:41	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:41	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:41	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:41	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:41	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:41	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:41	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:41	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:41	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:41	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-22

Lab Sample ID: 680-218073-22

Date Collected: 07/05/22 10:57

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 14:01	1
Acrylonitrile	ND		50		ug/L			07/14/22 14:01	1
Benzene	ND		2.0		ug/L			07/14/22 14:01	1
Bromoform	ND		10		ug/L			07/14/22 14:01	1
Bromomethane	ND		10		ug/L			07/14/22 14:01	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 14:01	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 14:01	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 14:01	1
Chlorobenzene	ND		10		ug/L			07/14/22 14:01	1
Chlorobromomethane	ND		10		ug/L			07/14/22 14:01	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 14:01	1
Chloroethane	ND		5.0		ug/L			07/14/22 14:01	1
Chloroform	ND		2.0		ug/L			07/14/22 14:01	1
Chloromethane	ND		10		ug/L			07/14/22 14:01	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 14:01	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 14:01	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 14:01	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 14:01	1
Dibromomethane	ND		10		ug/L			07/14/22 14:01	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 14:01	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 14:01	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 14:01	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 14:01	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 14:01	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 14:01	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 14:01	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 14:01	1
2-Hexanone	ND		50		ug/L			07/14/22 14:01	1
Iodomethane	ND		100		ug/L			07/14/22 14:01	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 14:01	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 14:01	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 14:01	1
o-Xylene	ND		5.0		ug/L			07/14/22 14:01	1
Styrene	ND		10		ug/L			07/14/22 14:01	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 14:01	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 14:01	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 14:01	1
Toluene	ND		2.0		ug/L			07/14/22 14:01	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 14:01	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 14:01	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 14:01	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 14:01	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 14:01	1
Trichloroethene	ND		2.0		ug/L			07/14/22 14:01	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 14:01	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 14:01	1
Vinyl acetate	ND	+	100		ug/L			07/14/22 14:01	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 14:01	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 14:01	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-22

Lab Sample ID: 680-218073-22

Date Collected: 07/05/22 10:57

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130		07/14/22 14:01	1
Dibromofluoromethane (Surr)	103		70 - 130		07/14/22 14:01	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 124		07/14/22 14:01	1
Toluene-d8 (Surr)	100		70 - 130		07/14/22 14:01	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:20	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:20	1
Barium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:20	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:20	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:20	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:20	1
Cobalt	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:20	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:20	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:20	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:20	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:20	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:20	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:20	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:20	1
Zinc	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:20	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-23

Lab Sample ID: 680-218073-23

Date Collected: 07/05/22 11:32

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 15:00	1
Acrylonitrile	ND		50		ug/L			07/14/22 15:00	1
Benzene	ND		2.0		ug/L			07/14/22 15:00	1
Bromoform	ND		10		ug/L			07/14/22 15:00	1
Bromomethane	ND		10		ug/L			07/14/22 15:00	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 15:00	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 15:00	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 15:00	1
Chlorobenzene	ND		10		ug/L			07/14/22 15:00	1
Chlorobromomethane	ND		10		ug/L			07/14/22 15:00	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 15:00	1
Chloroethane	ND		5.0		ug/L			07/14/22 15:00	1
Chloroform	ND		2.0		ug/L			07/14/22 15:00	1
Chloromethane	ND		10		ug/L			07/14/22 15:00	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 15:00	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 15:00	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 15:00	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 15:00	1
Dibromomethane	ND		10		ug/L			07/14/22 15:00	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 15:00	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 15:00	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 15:00	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 15:00	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 15:00	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 15:00	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 15:00	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 15:00	1
2-Hexanone	ND		50		ug/L			07/14/22 15:00	1
Iodomethane	ND		100		ug/L			07/14/22 15:00	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 15:00	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 15:00	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 15:00	1
o-Xylene	ND		5.0		ug/L			07/14/22 15:00	1
Styrene	ND		10		ug/L			07/14/22 15:00	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 15:00	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 15:00	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 15:00	1
Toluene	ND		2.0		ug/L			07/14/22 15:00	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 15:00	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 15:00	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 15:00	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 15:00	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 15:00	1
Trichloroethene	ND		2.0		ug/L			07/14/22 15:00	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 15:00	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 15:00	1
Vinyl acetate	ND	+	100		ug/L			07/14/22 15:00	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 15:00	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 15:00	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-23

Lab Sample ID: 680-218073-23

Date Collected: 07/05/22 11:32

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130		07/14/22 15:00	1
Dibromofluoromethane (Surr)	103		70 - 130		07/14/22 15:00	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 124		07/14/22 15:00	1
Toluene-d8 (Surr)	99		70 - 130		07/14/22 15:00	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:22	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:22	1
Barium	0.026		0.020		mg/L		07/12/22 09:26	07/12/22 19:22	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:22	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:22	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:22	1
Cobalt	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:22	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:22	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:22	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:22	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:22	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:22	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:22	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:22	1
Zinc	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:22	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-24

Lab Sample ID: 680-218073-24

Date Collected: 07/05/22 12:04

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 15:20	1
Acrylonitrile	ND		50		ug/L			07/14/22 15:20	1
Benzene	ND		2.0		ug/L			07/14/22 15:20	1
Bromoform	ND		10		ug/L			07/14/22 15:20	1
Bromomethane	ND		10		ug/L			07/14/22 15:20	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 15:20	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 15:20	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 15:20	1
Chlorobenzene	ND		10		ug/L			07/14/22 15:20	1
Chlorobromomethane	ND		10		ug/L			07/14/22 15:20	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 15:20	1
Chloroethane	ND		5.0		ug/L			07/14/22 15:20	1
Chloroform	ND		2.0		ug/L			07/14/22 15:20	1
Chloromethane	ND		10		ug/L			07/14/22 15:20	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 15:20	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 15:20	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 15:20	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 15:20	1
Dibromomethane	ND		10		ug/L			07/14/22 15:20	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 15:20	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 15:20	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 15:20	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 15:20	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 15:20	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 15:20	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 15:20	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 15:20	1
2-Hexanone	ND		50		ug/L			07/14/22 15:20	1
Iodomethane	ND		100		ug/L			07/14/22 15:20	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 15:20	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 15:20	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 15:20	1
o-Xylene	ND		5.0		ug/L			07/14/22 15:20	1
Styrene	ND		10		ug/L			07/14/22 15:20	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 15:20	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 15:20	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 15:20	1
Toluene	ND		2.0		ug/L			07/14/22 15:20	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 15:20	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 15:20	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 15:20	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 15:20	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 15:20	1
Trichloroethene	ND		2.0		ug/L			07/14/22 15:20	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 15:20	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 15:20	1
Vinyl acetate	ND	*+	100		ug/L			07/14/22 15:20	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 15:20	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 15:20	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-24

Lab Sample ID: 680-218073-24

Date Collected: 07/05/22 12:04

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130		07/14/22 15:20	1
Dibromofluoromethane (Surr)	102		70 - 130		07/14/22 15:20	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		07/14/22 15:20	1
Toluene-d8 (Surr)	100		70 - 130		07/14/22 15:20	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:30	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:30	1
Barium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:30	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:30	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:30	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:30	1
Cobalt	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:30	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:30	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:30	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:30	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:30	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:30	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:30	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:30	1
Zinc	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:30	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-25

Lab Sample ID: 680-218073-25

Date Collected: 07/05/22 12:40

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 15:40	1
Acrylonitrile	ND		50		ug/L			07/14/22 15:40	1
Benzene	ND		2.0		ug/L			07/14/22 15:40	1
Bromoform	ND		10		ug/L			07/14/22 15:40	1
Bromomethane	ND		10		ug/L			07/14/22 15:40	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 15:40	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 15:40	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 15:40	1
Chlorobenzene	ND		10		ug/L			07/14/22 15:40	1
Chlorobromomethane	ND		10		ug/L			07/14/22 15:40	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 15:40	1
Chloroethane	ND		5.0		ug/L			07/14/22 15:40	1
Chloroform	ND		2.0		ug/L			07/14/22 15:40	1
Chloromethane	ND		10		ug/L			07/14/22 15:40	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 15:40	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 15:40	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 15:40	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 15:40	1
Dibromomethane	ND		10		ug/L			07/14/22 15:40	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 15:40	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 15:40	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 15:40	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 15:40	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 15:40	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 15:40	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 15:40	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 15:40	1
2-Hexanone	ND		50		ug/L			07/14/22 15:40	1
Iodomethane	ND		100		ug/L			07/14/22 15:40	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 15:40	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 15:40	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 15:40	1
o-Xylene	ND		5.0		ug/L			07/14/22 15:40	1
Styrene	ND		10		ug/L			07/14/22 15:40	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 15:40	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 15:40	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 15:40	1
Toluene	ND		2.0		ug/L			07/14/22 15:40	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 15:40	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 15:40	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 15:40	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 15:40	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 15:40	1
Trichloroethene	ND		2.0		ug/L			07/14/22 15:40	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 15:40	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 15:40	1
Vinyl acetate	ND	*+	100		ug/L			07/14/22 15:40	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 15:40	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 15:40	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-25

Lab Sample ID: 680-218073-25

Date Collected: 07/05/22 12:40

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130		07/14/22 15:40	1
Dibromofluoromethane (Surr)	103		70 - 130		07/14/22 15:40	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 124		07/14/22 15:40	1
Toluene-d8 (Surr)	101		70 - 130		07/14/22 15:40	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:32	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:32	1
Barium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:32	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:32	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:32	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:32	1
Cobalt	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:32	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:32	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:32	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:32	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:32	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:32	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:32	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:32	1
Zinc	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:32	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-26

Lab Sample ID: 680-218073-26

Date Collected: 07/05/22 13:14

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 16:00	1
Acrylonitrile	ND		50		ug/L			07/14/22 16:00	1
Benzene	ND		2.0		ug/L			07/14/22 16:00	1
Bromoform	ND		10		ug/L			07/14/22 16:00	1
Bromomethane	ND		10		ug/L			07/14/22 16:00	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 16:00	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 16:00	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 16:00	1
Chlorobenzene	ND		10		ug/L			07/14/22 16:00	1
Chlorobromomethane	ND		10		ug/L			07/14/22 16:00	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 16:00	1
Chloroethane	ND		5.0		ug/L			07/14/22 16:00	1
Chloroform	ND		2.0		ug/L			07/14/22 16:00	1
Chloromethane	ND		10		ug/L			07/14/22 16:00	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 16:00	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 16:00	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 16:00	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 16:00	1
Dibromomethane	ND		10		ug/L			07/14/22 16:00	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 16:00	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 16:00	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 16:00	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 16:00	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 16:00	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 16:00	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 16:00	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 16:00	1
2-Hexanone	ND		50		ug/L			07/14/22 16:00	1
Iodomethane	ND		100		ug/L			07/14/22 16:00	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 16:00	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 16:00	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 16:00	1
o-Xylene	ND		5.0		ug/L			07/14/22 16:00	1
Styrene	ND		10		ug/L			07/14/22 16:00	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 16:00	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 16:00	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 16:00	1
Toluene	ND		2.0		ug/L			07/14/22 16:00	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 16:00	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 16:00	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 16:00	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 16:00	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 16:00	1
Trichloroethene	ND		2.0		ug/L			07/14/22 16:00	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 16:00	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 16:00	1
Vinyl acetate	ND	+	100		ug/L			07/14/22 16:00	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 16:00	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 16:00	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-26

Lab Sample ID: 680-218073-26

Date Collected: 07/05/22 13:14

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130		07/14/22 16:00	1
Dibromofluoromethane (Surr)	102		70 - 130		07/14/22 16:00	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 124		07/14/22 16:00	1
Toluene-d8 (Surr)	101		70 - 130		07/14/22 16:00	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:35	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:35	1
Barium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:35	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:35	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:35	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:35	1
Cobalt	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:35	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:35	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:35	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:35	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:35	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:35	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:35	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:35	1
Zinc	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:35	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-27

Lab Sample ID: 680-218073-27

Date Collected: 07/05/22 11:32

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 19:36	1
Acrylonitrile	ND		50		ug/L			07/14/22 19:36	1
Benzene	ND		2.0		ug/L			07/14/22 19:36	1
Bromoform	ND		10		ug/L			07/14/22 19:36	1
Bromomethane	ND		10		ug/L			07/14/22 19:36	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 19:36	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 19:36	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 19:36	1
Chlorobenzene	ND		10		ug/L			07/14/22 19:36	1
Chlorobromomethane	ND		10		ug/L			07/14/22 19:36	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 19:36	1
Chloroethane	ND		5.0		ug/L			07/14/22 19:36	1
Chloroform	ND		2.0		ug/L			07/14/22 19:36	1
Chloromethane	ND		10		ug/L			07/14/22 19:36	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:36	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:36	1
1,2-Dibromo-3-Chloropropane	ND	*+	25		ug/L			07/14/22 19:36	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 19:36	1
Dibromomethane	ND		10		ug/L			07/14/22 19:36	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 19:36	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 19:36	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 19:36	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 19:36	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 19:36	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 19:36	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 19:36	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 19:36	1
2-Hexanone	ND		50		ug/L			07/14/22 19:36	1
Iodomethane	ND		100		ug/L			07/14/22 19:36	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 19:36	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 19:36	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 19:36	1
o-Xylene	ND		5.0		ug/L			07/14/22 19:36	1
Styrene	ND		10		ug/L			07/14/22 19:36	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:36	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:36	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 19:36	1
Toluene	ND		2.0		ug/L			07/14/22 19:36	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 19:36	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:36	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:36	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 19:36	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 19:36	1
Trichloroethene	ND		2.0		ug/L			07/14/22 19:36	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 19:36	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 19:36	1
Vinyl acetate	ND		100		ug/L			07/14/22 19:36	1
Vinyl chloride	ND	*+	2.0		ug/L			07/14/22 19:36	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 19:36	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-27

Lab Sample ID: 680-218073-27

Date Collected: 07/05/22 11:32

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		07/14/22 19:36	1
Dibromofluoromethane (Surr)	107		70 - 130		07/14/22 19:36	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 124		07/14/22 19:36	1
Toluene-d8 (Surr)	102		70 - 130		07/14/22 19:36	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:38	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:38	1
Barium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:38	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:38	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:38	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:38	1
Cobalt	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:38	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:38	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:38	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:38	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:38	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:38	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:38	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:38	1
Zinc	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:38	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-28

Lab Sample ID: 680-218073-28

Date Collected: 07/05/22 10:06

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 19:59	1
Acrylonitrile	ND		50		ug/L			07/14/22 19:59	1
Benzene	ND		2.0		ug/L			07/14/22 19:59	1
Bromoform	ND		10		ug/L			07/14/22 19:59	1
Bromomethane	ND		10		ug/L			07/14/22 19:59	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 19:59	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 19:59	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 19:59	1
Chlorobenzene	ND		10		ug/L			07/14/22 19:59	1
Chlorobromomethane	ND		10		ug/L			07/14/22 19:59	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 19:59	1
Chloroethane	ND		5.0		ug/L			07/14/22 19:59	1
Chloroform	ND		2.0		ug/L			07/14/22 19:59	1
Chloromethane	ND		10		ug/L			07/14/22 19:59	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:59	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:59	1
1,2-Dibromo-3-Chloropropane	ND	*+	25		ug/L			07/14/22 19:59	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 19:59	1
Dibromomethane	ND		10		ug/L			07/14/22 19:59	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 19:59	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 19:59	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 19:59	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 19:59	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 19:59	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 19:59	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 19:59	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 19:59	1
2-Hexanone	ND		50		ug/L			07/14/22 19:59	1
Iodomethane	ND		100		ug/L			07/14/22 19:59	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 19:59	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 19:59	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 19:59	1
o-Xylene	ND		5.0		ug/L			07/14/22 19:59	1
Styrene	ND		10		ug/L			07/14/22 19:59	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:59	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:59	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 19:59	1
Toluene	ND		2.0		ug/L			07/14/22 19:59	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 19:59	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:59	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:59	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 19:59	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 19:59	1
Trichloroethene	ND		2.0		ug/L			07/14/22 19:59	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 19:59	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 19:59	1
Vinyl acetate	ND		100		ug/L			07/14/22 19:59	1
Vinyl chloride	ND	*+	2.0		ug/L			07/14/22 19:59	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 19:59	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-28

Lab Sample ID: 680-218073-28

Date Collected: 07/05/22 10:06

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		07/14/22 19:59	1
Dibromofluoromethane (Surr)	104		70 - 130		07/14/22 19:59	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 124		07/14/22 19:59	1
Toluene-d8 (Surr)	106		70 - 130		07/14/22 19:59	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:40	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:40	1
Barium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:40	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:40	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:40	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:40	1
Cobalt	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:40	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:40	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:40	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:40	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:40	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:40	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:40	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:40	1
Zinc	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:40	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-29

Lab Sample ID: 680-218073-29

Date Collected: 07/06/22 11:02

Matrix: Ground Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 20:22	1
Acrylonitrile	ND		50		ug/L			07/14/22 20:22	1
Benzene	ND		2.0		ug/L			07/14/22 20:22	1
Bromoform	ND		10		ug/L			07/14/22 20:22	1
Bromomethane	ND		10		ug/L			07/14/22 20:22	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 20:22	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 20:22	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 20:22	1
Chlorobenzene	ND		10		ug/L			07/14/22 20:22	1
Chlorobromomethane	ND		10		ug/L			07/14/22 20:22	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 20:22	1
Chloroethane	ND		5.0		ug/L			07/14/22 20:22	1
Chloroform	ND		2.0		ug/L			07/14/22 20:22	1
Chloromethane	ND		10		ug/L			07/14/22 20:22	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 20:22	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 20:22	1
1,2-Dibromo-3-Chloropropane	ND	*+	25		ug/L			07/14/22 20:22	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 20:22	1
Dibromomethane	ND		10		ug/L			07/14/22 20:22	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 20:22	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 20:22	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 20:22	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 20:22	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 20:22	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 20:22	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 20:22	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 20:22	1
2-Hexanone	ND		50		ug/L			07/14/22 20:22	1
Iodomethane	ND		100		ug/L			07/14/22 20:22	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 20:22	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 20:22	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 20:22	1
o-Xylene	ND		5.0		ug/L			07/14/22 20:22	1
Styrene	ND		10		ug/L			07/14/22 20:22	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 20:22	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 20:22	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 20:22	1
Toluene	ND		2.0		ug/L			07/14/22 20:22	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 20:22	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 20:22	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 20:22	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 20:22	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 20:22	1
Trichloroethene	ND		2.0		ug/L			07/14/22 20:22	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 20:22	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 20:22	1
Vinyl acetate	ND		100		ug/L			07/14/22 20:22	1
Vinyl chloride	ND	*+	2.0		ug/L			07/14/22 20:22	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 20:22	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-29

Lab Sample ID: 680-218073-29

Date Collected: 07/06/22 11:02

Matrix: Ground Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		07/14/22 20:22	1
Dibromofluoromethane (Surr)	104		70 - 130		07/14/22 20:22	1
1,2-Dichloroethane-d4 (Surr)	102		60 - 124		07/14/22 20:22	1
Toluene-d8 (Surr)	106		70 - 130		07/14/22 20:22	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:07	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:07	1
Barium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:07	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:07	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:07	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:07	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:07	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:07	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:07	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:07	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:07	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:07	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:07	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:07	1
Zinc	0.11		0.020		mg/L		07/12/22 10:12	07/12/22 21:07	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: Field Blank

Lab Sample ID: 680-218073-30

Date Collected: 07/07/22 13:35

Matrix: Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 14:56	1
Acrylonitrile	ND		50		ug/L			07/14/22 14:56	1
Benzene	ND		2.0		ug/L			07/14/22 14:56	1
Bromoform	ND		10		ug/L			07/14/22 14:56	1
Bromomethane	ND		10		ug/L			07/14/22 14:56	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 14:56	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 14:56	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 14:56	1
Chlorobenzene	ND		10		ug/L			07/14/22 14:56	1
Chlorobromomethane	ND		10		ug/L			07/14/22 14:56	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 14:56	1
Chloroethane	ND		5.0		ug/L			07/14/22 14:56	1
Chloroform	ND		2.0		ug/L			07/14/22 14:56	1
Chloromethane	ND		10		ug/L			07/14/22 14:56	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 14:56	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 14:56	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 14:56	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 14:56	1
Dibromomethane	ND		10		ug/L			07/14/22 14:56	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 14:56	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 14:56	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 14:56	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 14:56	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 14:56	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 14:56	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 14:56	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 14:56	1
2-Hexanone	ND		50		ug/L			07/14/22 14:56	1
Iodomethane	ND		100		ug/L			07/14/22 14:56	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 14:56	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 14:56	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 14:56	1
o-Xylene	ND		5.0		ug/L			07/14/22 14:56	1
Styrene	ND		10		ug/L			07/14/22 14:56	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 14:56	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 14:56	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 14:56	1
Toluene	ND		2.0		ug/L			07/14/22 14:56	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 14:56	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 14:56	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 14:56	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 14:56	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 14:56	1
Trichloroethene	ND		2.0		ug/L			07/14/22 14:56	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 14:56	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 14:56	1
Vinyl acetate	ND	+	100		ug/L			07/14/22 14:56	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 14:56	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 14:56	1

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: Field Blank

Lab Sample ID: 680-218073-30

Date Collected: 07/07/22 13:35

Matrix: Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		07/14/22 14:56	1
Dibromofluoromethane (Surr)	106		70 - 130		07/14/22 14:56	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		07/14/22 14:56	1
Toluene-d8 (Surr)	102		70 - 130		07/14/22 14:56	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:43	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:43	1
Barium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:43	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:43	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:43	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:43	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:43	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:43	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:43	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:43	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:43	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:43	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:43	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:43	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:43	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWA-1

Lab Sample ID: 680-218073-31

Date Collected: 07/08/22 11:16

Matrix: Surface Water

Date Received: 07/09/22 08:15

Method: 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		0.50		mg/L			07/14/22 19:34	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.040		mg/L		07/13/22 10:15	07/14/22 19:29	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:40	1
Barium, Dissolved	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:40	1
Cadmium, Dissolved	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:40	1
Chromium, Dissolved	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:40	1
Lead, Dissolved	ND		0.025		mg/L		07/13/22 10:15	07/14/22 19:40	1
Nickel, Dissolved	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:40	1
Silver, Dissolved	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:40	1
Zinc, Dissolved	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		07/12/22 12:58	07/13/22 14:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/15/22 09:26	07/15/22 17:26	1
Chemical Oxygen Demand	ND		10		mg/L			07/16/22 11:16	1
Total Organic Carbon	1.5		1.0		mg/L			07/09/22 22:19	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-1

Lab Sample ID: 680-218073-32

Date Collected: 07/08/22 10:46

Matrix: Surface Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 18:35	1
Acrylonitrile	ND		50		ug/L			07/14/22 18:35	1
Benzene	ND		2.0		ug/L			07/14/22 18:35	1
Bromoform	ND		10		ug/L			07/14/22 18:35	1
Bromomethane	ND		10		ug/L			07/14/22 18:35	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 18:35	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 18:35	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 18:35	1
Chlorobenzene	ND		10		ug/L			07/14/22 18:35	1
Chlorobromomethane	ND		10		ug/L			07/14/22 18:35	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 18:35	1
Chloroethane	ND		5.0		ug/L			07/14/22 18:35	1
Chloroform	ND		2.0		ug/L			07/14/22 18:35	1
Chloromethane	ND		10		ug/L			07/14/22 18:35	1
cis-1,2-Dichloroethene	2.6		2.0		ug/L			07/14/22 18:35	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 18:35	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 18:35	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 18:35	1
Dibromomethane	ND		10		ug/L			07/14/22 18:35	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 18:35	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 18:35	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 18:35	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 18:35	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 18:35	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 18:35	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 18:35	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 18:35	1
2-Hexanone	ND		50		ug/L			07/14/22 18:35	1
Iodomethane	ND		100		ug/L			07/14/22 18:35	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 18:35	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 18:35	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 18:35	1
o-Xylene	ND		5.0		ug/L			07/14/22 18:35	1
Styrene	ND		10		ug/L			07/14/22 18:35	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 18:35	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 18:35	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 18:35	1
Toluene	ND		2.0		ug/L			07/14/22 18:35	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 18:35	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 18:35	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 18:35	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 18:35	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 18:35	1
Trichloroethene	ND		2.0		ug/L			07/14/22 18:35	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 18:35	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 18:35	1
Vinyl acetate	ND	*+	100		ug/L			07/14/22 18:35	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 18:35	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 18:35	1

Euofins Savannah

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-1
Date Collected: 07/08/22 10:46
Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-32
Matrix: Surface Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130		07/14/22 18:35	1
Dibromofluoromethane (Surr)	104		70 - 130		07/14/22 18:35	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		07/14/22 18:35	1
Toluene-d8 (Surr)	102		70 - 130		07/14/22 18:35	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/22 10:15	07/14/22 19:58	1
Arsenic	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:58	1
Barium	0.098		0.020		mg/L		07/13/22 10:15	07/14/22 19:58	1
Beryllium	ND		0.0030		mg/L		07/13/22 10:15	07/14/22 19:58	1
Cadmium	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 19:58	1
Chromium	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:58	1
Cobalt	0.072		0.0060		mg/L		07/13/22 10:15	07/14/22 19:58	1
Copper	0.036		0.020		mg/L		07/13/22 10:15	07/14/22 19:58	1
Lead	ND		0.015		mg/L		07/13/22 10:15	07/14/22 19:58	1
Nickel	0.025		0.020		mg/L		07/13/22 10:15	07/14/22 19:58	1
Selenium	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:58	1
Silver	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:58	1
Thallium	ND		0.0020		mg/L		07/13/22 10:15	07/14/22 19:58	1
Vanadium	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:58	1
Zinc	0.17		0.020		mg/L		07/13/22 10:15	07/14/22 19:58	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-2

Lab Sample ID: 680-218073-33

Date Collected: 07/08/22 11:54

Matrix: Surface Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 19:00	1
Acrylonitrile	ND		50		ug/L			07/14/22 19:00	1
Benzene	ND		2.0		ug/L			07/14/22 19:00	1
Bromoform	ND		10		ug/L			07/14/22 19:00	1
Bromomethane	ND		10		ug/L			07/14/22 19:00	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 19:00	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 19:00	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 19:00	1
Chlorobenzene	ND		10		ug/L			07/14/22 19:00	1
Chlorobromomethane	ND		10		ug/L			07/14/22 19:00	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 19:00	1
Chloroethane	ND		5.0		ug/L			07/14/22 19:00	1
Chloroform	ND		2.0		ug/L			07/14/22 19:00	1
Chloromethane	ND		10		ug/L			07/14/22 19:00	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:00	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:00	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 19:00	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 19:00	1
Dibromomethane	ND		10		ug/L			07/14/22 19:00	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 19:00	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 19:00	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 19:00	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 19:00	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 19:00	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 19:00	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 19:00	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 19:00	1
2-Hexanone	ND		50		ug/L			07/14/22 19:00	1
Iodomethane	ND		100		ug/L			07/14/22 19:00	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 19:00	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 19:00	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 19:00	1
o-Xylene	ND		5.0		ug/L			07/14/22 19:00	1
Styrene	ND		10		ug/L			07/14/22 19:00	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:00	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:00	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 19:00	1
Toluene	ND		2.0		ug/L			07/14/22 19:00	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 19:00	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:00	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:00	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 19:00	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 19:00	1
Trichloroethene	ND		2.0		ug/L			07/14/22 19:00	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 19:00	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 19:00	1
Vinyl acetate	ND	*+	100		ug/L			07/14/22 19:00	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 19:00	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 19:00	1

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-2

Lab Sample ID: 680-218073-33

Date Collected: 07/08/22 11:54

Matrix: Surface Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130		07/14/22 19:00	1
Dibromofluoromethane (Surr)	107		70 - 130		07/14/22 19:00	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		07/14/22 19:00	1
Toluene-d8 (Surr)	104		70 - 130		07/14/22 19:00	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/22 10:15	07/14/22 19:44	1
Arsenic	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:44	1
Barium	0.045		0.020		mg/L		07/13/22 10:15	07/14/22 19:44	1
Beryllium	ND		0.0030		mg/L		07/13/22 10:15	07/14/22 19:44	1
Cadmium	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 19:44	1
Chromium	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:44	1
Cobalt	ND		0.0060		mg/L		07/13/22 10:15	07/14/22 19:44	1
Copper	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:44	1
Lead	ND		0.015		mg/L		07/13/22 10:15	07/14/22 19:44	1
Nickel	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:44	1
Selenium	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:44	1
Silver	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:44	1
Thallium	ND		0.0020		mg/L		07/13/22 10:15	07/14/22 19:44	1
Vanadium	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:44	1
Zinc	0.022		0.020		mg/L		07/13/22 10:15	07/14/22 19:44	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-5

Lab Sample ID: 680-218073-34

Date Collected: 07/05/22 12:54

Matrix: Surface Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 20:45	1
Acrylonitrile	ND		50		ug/L			07/14/22 20:45	1
Benzene	ND		2.0		ug/L			07/14/22 20:45	1
Bromoform	ND		10		ug/L			07/14/22 20:45	1
Bromomethane	ND		10		ug/L			07/14/22 20:45	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 20:45	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 20:45	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 20:45	1
Chlorobenzene	ND		10		ug/L			07/14/22 20:45	1
Chlorobromomethane	ND		10		ug/L			07/14/22 20:45	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 20:45	1
Chloroethane	ND		5.0		ug/L			07/14/22 20:45	1
Chloroform	ND		2.0		ug/L			07/14/22 20:45	1
Chloromethane	ND		10		ug/L			07/14/22 20:45	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 20:45	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 20:45	1
1,2-Dibromo-3-Chloropropane	ND	*+	25		ug/L			07/14/22 20:45	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 20:45	1
Dibromomethane	ND		10		ug/L			07/14/22 20:45	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 20:45	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 20:45	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 20:45	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 20:45	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 20:45	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 20:45	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 20:45	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 20:45	1
2-Hexanone	ND		50		ug/L			07/14/22 20:45	1
Iodomethane	ND		100		ug/L			07/14/22 20:45	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 20:45	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 20:45	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 20:45	1
o-Xylene	ND		5.0		ug/L			07/14/22 20:45	1
Styrene	ND		10		ug/L			07/14/22 20:45	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 20:45	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 20:45	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 20:45	1
Toluene	ND		2.0		ug/L			07/14/22 20:45	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 20:45	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 20:45	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 20:45	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 20:45	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 20:45	1
Trichloroethene	ND		2.0		ug/L			07/14/22 20:45	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 20:45	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 20:45	1
Vinyl acetate	ND		100		ug/L			07/14/22 20:45	1
Vinyl chloride	ND	*+	2.0		ug/L			07/14/22 20:45	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 20:45	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-5
Date Collected: 07/05/22 12:54
Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-34
Matrix: Surface Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		07/14/22 20:45	1
Dibromofluoromethane (Surr)	105		70 - 130		07/14/22 20:45	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 124		07/14/22 20:45	1
Toluene-d8 (Surr)	105		70 - 130		07/14/22 20:45	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 19:43	1
Arsenic	0.029		0.010		mg/L		07/12/22 09:26	07/12/22 19:43	1
Barium	0.047		0.020		mg/L		07/12/22 09:26	07/12/22 19:43	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 19:43	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 19:43	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:43	1
Cobalt	0.010		0.0060		mg/L		07/12/22 09:26	07/12/22 19:43	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:43	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 19:43	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:43	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:43	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:43	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 19:43	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:43	1
Zinc	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:43	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-6

Lab Sample ID: 680-218073-35

Date Collected: 07/08/22 10:06

Matrix: Surface Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 19:24	1
Acrylonitrile	ND		50		ug/L			07/14/22 19:24	1
Benzene	ND		2.0		ug/L			07/14/22 19:24	1
Bromoform	ND		10		ug/L			07/14/22 19:24	1
Bromomethane	ND		10		ug/L			07/14/22 19:24	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 19:24	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 19:24	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 19:24	1
Chlorobenzene	ND		10		ug/L			07/14/22 19:24	1
Chlorobromomethane	ND		10		ug/L			07/14/22 19:24	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 19:24	1
Chloroethane	ND		5.0		ug/L			07/14/22 19:24	1
Chloroform	ND		2.0		ug/L			07/14/22 19:24	1
Chloromethane	ND		10		ug/L			07/14/22 19:24	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:24	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:24	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 19:24	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 19:24	1
Dibromomethane	ND		10		ug/L			07/14/22 19:24	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 19:24	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 19:24	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 19:24	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 19:24	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 19:24	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 19:24	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 19:24	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 19:24	1
2-Hexanone	ND		50		ug/L			07/14/22 19:24	1
Iodomethane	ND		100		ug/L			07/14/22 19:24	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 19:24	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 19:24	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 19:24	1
o-Xylene	ND		5.0		ug/L			07/14/22 19:24	1
Styrene	ND		10		ug/L			07/14/22 19:24	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:24	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:24	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 19:24	1
Toluene	ND		2.0		ug/L			07/14/22 19:24	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 19:24	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:24	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:24	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 19:24	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 19:24	1
Trichloroethene	ND		2.0		ug/L			07/14/22 19:24	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 19:24	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 19:24	1
Vinyl acetate	ND	*+	100		ug/L			07/14/22 19:24	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 19:24	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 19:24	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-6

Lab Sample ID: 680-218073-35

Date Collected: 07/08/22 10:06

Matrix: Surface Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		07/14/22 19:24	1
Dibromofluoromethane (Surr)	103		70 - 130		07/14/22 19:24	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 124		07/14/22 19:24	1
Toluene-d8 (Surr)	105		70 - 130		07/14/22 19:24	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 21:46	1
Arsenic	0.024		0.010		mg/L		07/12/22 10:12	07/12/22 21:46	1
Barium	0.13		0.020		mg/L		07/12/22 10:12	07/12/22 21:46	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 21:46	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 21:46	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:46	1
Cobalt	0.032		0.0060		mg/L		07/12/22 10:12	07/12/22 21:46	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:46	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 21:46	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:46	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:46	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 21:46	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 21:46	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:46	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 21:46	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-7

Lab Sample ID: 680-218073-36

Date Collected: 07/08/22 11:46

Matrix: Surface Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 19:49	1
Acrylonitrile	ND		50		ug/L			07/14/22 19:49	1
Benzene	ND		2.0		ug/L			07/14/22 19:49	1
Bromoform	ND		10		ug/L			07/14/22 19:49	1
Bromomethane	ND		10		ug/L			07/14/22 19:49	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 19:49	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 19:49	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 19:49	1
Chlorobenzene	ND		10		ug/L			07/14/22 19:49	1
Chlorobromomethane	ND		10		ug/L			07/14/22 19:49	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 19:49	1
Chloroethane	ND		5.0		ug/L			07/14/22 19:49	1
Chloroform	ND		2.0		ug/L			07/14/22 19:49	1
Chloromethane	ND		10		ug/L			07/14/22 19:49	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:49	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:49	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 19:49	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 19:49	1
Dibromomethane	ND		10		ug/L			07/14/22 19:49	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 19:49	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 19:49	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 19:49	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 19:49	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 19:49	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 19:49	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 19:49	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 19:49	1
2-Hexanone	ND		50		ug/L			07/14/22 19:49	1
Iodomethane	ND		100		ug/L			07/14/22 19:49	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 19:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 19:49	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 19:49	1
o-Xylene	ND		5.0		ug/L			07/14/22 19:49	1
Styrene	ND		10		ug/L			07/14/22 19:49	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:49	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 19:49	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 19:49	1
Toluene	ND		2.0		ug/L			07/14/22 19:49	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 19:49	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 19:49	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 19:49	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 19:49	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 19:49	1
Trichloroethene	ND		2.0		ug/L			07/14/22 19:49	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 19:49	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 19:49	1
Vinyl acetate	ND	+	100		ug/L			07/14/22 19:49	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 19:49	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 19:49	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-7

Lab Sample ID: 680-218073-36

Date Collected: 07/08/22 11:46

Matrix: Surface Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130		07/14/22 19:49	1
Dibromofluoromethane (Surr)	106		70 - 130		07/14/22 19:49	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 124		07/14/22 19:49	1
Toluene-d8 (Surr)	106		70 - 130		07/14/22 19:49	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/22 10:15	07/14/22 19:47	1
Arsenic	0.028		0.010		mg/L		07/13/22 10:15	07/14/22 19:47	1
Barium	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:47	1
Beryllium	ND		0.0030		mg/L		07/13/22 10:15	07/14/22 19:47	1
Cadmium	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 19:47	1
Chromium	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:47	1
Cobalt	0.026		0.0060		mg/L		07/13/22 10:15	07/14/22 19:47	1
Copper	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:47	1
Lead	ND		0.015		mg/L		07/13/22 10:15	07/14/22 19:47	1
Nickel	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:47	1
Selenium	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:47	1
Silver	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:47	1
Thallium	ND		0.0020		mg/L		07/13/22 10:15	07/14/22 19:47	1
Vanadium	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:47	1
Zinc	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:47	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-8

Lab Sample ID: 680-218073-37

Date Collected: 07/08/22 10:58

Matrix: Surface Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 20:13	1
Acrylonitrile	ND		50		ug/L			07/14/22 20:13	1
Benzene	ND		2.0		ug/L			07/14/22 20:13	1
Bromoform	ND		10		ug/L			07/14/22 20:13	1
Bromomethane	ND		10		ug/L			07/14/22 20:13	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 20:13	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 20:13	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 20:13	1
Chlorobenzene	ND		10		ug/L			07/14/22 20:13	1
Chlorobromomethane	ND		10		ug/L			07/14/22 20:13	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 20:13	1
Chloroethane	ND		5.0		ug/L			07/14/22 20:13	1
Chloroform	ND		2.0		ug/L			07/14/22 20:13	1
Chloromethane	ND		10		ug/L			07/14/22 20:13	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 20:13	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 20:13	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 20:13	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 20:13	1
Dibromomethane	ND		10		ug/L			07/14/22 20:13	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 20:13	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 20:13	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 20:13	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 20:13	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 20:13	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 20:13	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 20:13	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 20:13	1
2-Hexanone	ND		50		ug/L			07/14/22 20:13	1
Iodomethane	ND		100		ug/L			07/14/22 20:13	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 20:13	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 20:13	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 20:13	1
o-Xylene	ND		5.0		ug/L			07/14/22 20:13	1
Styrene	ND		10		ug/L			07/14/22 20:13	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 20:13	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 20:13	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 20:13	1
Toluene	ND		2.0		ug/L			07/14/22 20:13	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 20:13	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 20:13	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 20:13	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 20:13	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 20:13	1
Trichloroethene	ND		2.0		ug/L			07/14/22 20:13	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 20:13	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 20:13	1
Vinyl acetate	ND	+	100		ug/L			07/14/22 20:13	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 20:13	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 20:13	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-8
Date Collected: 07/08/22 10:58
Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-37
Matrix: Surface Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130		07/14/22 20:13	1
Dibromofluoromethane (Surr)	105		70 - 130		07/14/22 20:13	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 124		07/14/22 20:13	1
Toluene-d8 (Surr)	106		70 - 130		07/14/22 20:13	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/22 10:15	07/14/22 19:51	1
Arsenic	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:51	1
Barium	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:51	1
Beryllium	ND		0.0030		mg/L		07/13/22 10:15	07/14/22 19:51	1
Cadmium	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 19:51	1
Chromium	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:51	1
Cobalt	0.035		0.0060		mg/L		07/13/22 10:15	07/14/22 19:51	1
Copper	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:51	1
Lead	ND		0.015		mg/L		07/13/22 10:15	07/14/22 19:51	1
Nickel	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:51	1
Selenium	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:51	1
Silver	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:51	1
Thallium	ND		0.0020		mg/L		07/13/22 10:15	07/14/22 19:51	1
Vanadium	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:51	1
Zinc	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:51	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-9

Lab Sample ID: 680-218073-38

Date Collected: 07/05/22 13:37

Matrix: Surface Water

Date Received: 07/09/22 08:15

Method: 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		0.50		mg/L			07/14/22 19:46	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.040		mg/L		07/12/22 09:26	07/12/22 19:45	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:48	1
Barium, Dissolved	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:48	1
Cadmium, Dissolved	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:48	1
Chromium, Dissolved	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:48	1
Lead, Dissolved	ND		0.025		mg/L		07/12/22 09:26	07/12/22 19:48	1
Nickel, Dissolved	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:48	1
Silver, Dissolved	ND		0.010		mg/L		07/12/22 09:26	07/12/22 19:48	1
Zinc, Dissolved	ND		0.020		mg/L		07/12/22 09:26	07/12/22 19:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		07/12/22 12:58	07/13/22 14:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/15/22 09:26	07/15/22 17:26	1
Chemical Oxygen Demand	ND		10		mg/L			07/16/22 11:16	1
Total Organic Carbon	1.3		1.0		mg/L			07/09/22 22:35	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-10

Lab Sample ID: 680-218073-39

Date Collected: 07/08/22 10:28

Matrix: Surface Water

Date Received: 07/09/22 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 20:38	1
Acrylonitrile	ND		50		ug/L			07/14/22 20:38	1
Benzene	ND		2.0		ug/L			07/14/22 20:38	1
Bromoform	ND		10		ug/L			07/14/22 20:38	1
Bromomethane	ND		10		ug/L			07/14/22 20:38	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 20:38	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 20:38	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 20:38	1
Chlorobenzene	ND		10		ug/L			07/14/22 20:38	1
Chlorobromomethane	ND		10		ug/L			07/14/22 20:38	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 20:38	1
Chloroethane	ND		5.0		ug/L			07/14/22 20:38	1
Chloroform	ND		2.0		ug/L			07/14/22 20:38	1
Chloromethane	ND		10		ug/L			07/14/22 20:38	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 20:38	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 20:38	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 20:38	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 20:38	1
Dibromomethane	ND		10		ug/L			07/14/22 20:38	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 20:38	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 20:38	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 20:38	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 20:38	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 20:38	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 20:38	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 20:38	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 20:38	1
2-Hexanone	ND		50		ug/L			07/14/22 20:38	1
Iodomethane	ND		100		ug/L			07/14/22 20:38	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 20:38	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 20:38	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 20:38	1
o-Xylene	ND		5.0		ug/L			07/14/22 20:38	1
Styrene	ND		10		ug/L			07/14/22 20:38	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 20:38	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 20:38	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 20:38	1
Toluene	ND		2.0		ug/L			07/14/22 20:38	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 20:38	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 20:38	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 20:38	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 20:38	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 20:38	1
Trichloroethene	ND		2.0		ug/L			07/14/22 20:38	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 20:38	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 20:38	1
Vinyl acetate	ND	+	100		ug/L			07/14/22 20:38	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 20:38	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 20:38	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-10

Lab Sample ID: 680-218073-39

Date Collected: 07/08/22 10:28

Matrix: Surface Water

Date Received: 07/09/22 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130		07/14/22 20:38	1
Dibromofluoromethane (Surr)	99		70 - 130		07/14/22 20:38	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		07/14/22 20:38	1
Toluene-d8 (Surr)	101		70 - 130		07/14/22 20:38	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/22 10:15	07/14/22 19:54	1
Arsenic	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:54	1
Barium	0.095		0.020		mg/L		07/13/22 10:15	07/14/22 19:54	1
Beryllium	ND		0.0030		mg/L		07/13/22 10:15	07/14/22 19:54	1
Cadmium	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 19:54	1
Chromium	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:54	1
Cobalt	0.014		0.0060		mg/L		07/13/22 10:15	07/14/22 19:54	1
Copper	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:54	1
Lead	ND		0.015		mg/L		07/13/22 10:15	07/14/22 19:54	1
Nickel	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:54	1
Selenium	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:54	1
Silver	ND		0.010		mg/L		07/13/22 10:15	07/14/22 19:54	1
Thallium	ND		0.0020		mg/L		07/13/22 10:15	07/14/22 19:54	1
Vanadium	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:54	1
Zinc	ND		0.020		mg/L		07/13/22 10:15	07/14/22 19:54	1

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: MB 680-730426/10

Matrix: Water

Analysis Batch: 730426

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		100		ug/L			07/13/22 14:26	1
Acrylonitrile	ND		50		ug/L			07/13/22 14:26	1
Benzene	ND		2.0		ug/L			07/13/22 14:26	1
Bromoform	ND		10		ug/L			07/13/22 14:26	1
Bromomethane	ND		10		ug/L			07/13/22 14:26	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 14:26	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 14:26	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 14:26	1
Chlorobenzene	ND		10		ug/L			07/13/22 14:26	1
Chlorobromomethane	ND		10		ug/L			07/13/22 14:26	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 14:26	1
Chloroethane	ND		5.0		ug/L			07/13/22 14:26	1
Chloroform	ND		2.0		ug/L			07/13/22 14:26	1
Chloromethane	ND		10		ug/L			07/13/22 14:26	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 14:26	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 14:26	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/22 14:26	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/22 14:26	1
Dibromomethane	ND		10		ug/L			07/13/22 14:26	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 14:26	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 14:26	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 14:26	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 14:26	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 14:26	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 14:26	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 14:26	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 14:26	1
2-Hexanone	ND		50		ug/L			07/13/22 14:26	1
Iodomethane	ND		100		ug/L			07/13/22 14:26	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 14:26	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 14:26	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 14:26	1
o-Xylene	ND		5.0		ug/L			07/13/22 14:26	1
Styrene	ND		10		ug/L			07/13/22 14:26	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 14:26	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 14:26	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 14:26	1
Toluene	ND		2.0		ug/L			07/13/22 14:26	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/22 14:26	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 14:26	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 14:26	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 14:26	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 14:26	1
Trichloroethene	ND		2.0		ug/L			07/13/22 14:26	1
Trichlorofluoromethane	ND		10		ug/L			07/13/22 14:26	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/22 14:26	1
Vinyl acetate	ND		100		ug/L			07/13/22 14:26	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 14:26	1

Eurofins Savannah

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: MB 680-730426/10

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 730426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		5.0		ug/L			07/13/22 14:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		07/13/22 14:26	1
Dibromofluoromethane (Surr)	96		70 - 130		07/13/22 14:26	1
1,2-Dichloroethane-d4 (Surr)	81		60 - 124		07/13/22 14:26	1
Toluene-d8 (Surr)	107		70 - 130		07/13/22 14:26	1

Lab Sample ID: LCS 680-730426/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 730426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	200		ug/L		80	67 - 120
Acrylonitrile	500	428		ug/L		86	70 - 130
Benzene	50.0	52.2		ug/L		104	70 - 130
Bromoform	50.0	41.6		ug/L		83	69 - 129
Bromomethane	50.0	137	*+	ug/L		275	28 - 192
2-Butanone (MEK)	250	210		ug/L		84	69 - 120
Carbon disulfide	50.0	49.6		ug/L		99	70 - 130
Carbon tetrachloride	50.0	46.4		ug/L		93	70 - 130
Chlorobenzene	50.0	47.5		ug/L		95	70 - 130
Chlorobromomethane	50.0	43.6		ug/L		87	70 - 130
Chlorodibromomethane	50.0	46.1		ug/L		92	70 - 130
Chloroethane	50.0	73.5		ug/L		147	31 - 213
Chloroform	50.0	44.0		ug/L		88	70 - 130
Chloromethane	50.0	31.3		ug/L		63	59 - 127
cis-1,2-Dichloroethane	50.0	47.3		ug/L		95	70 - 130
cis-1,3-Dichloropropene	50.0	48.9		ug/L		98	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	42.0		ug/L		84	70 - 130
1,2-Dibromoethane	50.0	46.5		ug/L		93	70 - 130
Dibromomethane	50.0	43.7		ug/L		87	70 - 130
1,2-Dichlorobenzene	50.0	47.2		ug/L		94	70 - 130
1,4-Dichlorobenzene	50.0	48.3		ug/L		97	70 - 130
Dichlorobromomethane	50.0	46.9		ug/L		94	70 - 130
1,1-Dichloroethane	50.0	48.3		ug/L		97	70 - 130
1,2-Dichloroethane	50.0	41.5		ug/L		83	70 - 130
1,1-Dichloroethene	50.0	47.8		ug/L		96	70 - 130
1,2-Dichloropropane	50.0	52.1		ug/L		104	70 - 130
Ethylbenzene	50.0	51.8		ug/L		104	70 - 130
2-Hexanone	250	239		ug/L		96	70 - 130
Iodomethane	50.0	81.4	J *+	ug/L		163	52 - 129
Methylene Chloride	50.0	43.0		ug/L		86	70 - 130
4-Methyl-2-pentanone (MIBK)	250	243		ug/L		97	68 - 120
m-Xylene & p-Xylene	50.0	49.7		ug/L		99	70 - 130
o-Xylene	50.0	50.2		ug/L		100	70 - 130
Styrene	50.0	49.7		ug/L		99	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.1		ug/L		104	70 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCS 680-730426/6

Matrix: Water

Analysis Batch: 730426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	51.2		ug/L		102	70 - 130
Tetrachloroethene	50.0	48.4		ug/L		97	70 - 130
Toluene	50.0	49.5		ug/L		99	70 - 130
trans-1,4-Dichloro-2-butene	50.0	49.4		ug/L		99	67 - 120
trans-1,2-Dichloroethene	50.0	46.6		ug/L		93	70 - 130
trans-1,3-Dichloropropene	50.0	48.9		ug/L		98	70 - 130
1,1,1-Trichloroethane	50.0	47.1		ug/L		94	70 - 130
1,1,2-Trichloroethane	50.0	48.4		ug/L		97	70 - 130
Trichloroethene	50.0	47.1		ug/L		94	70 - 130
Trichlorofluoromethane	50.0	24.3	*-	ug/L		49	63 - 142
1,2,3-Trichloropropane	50.0	44.7		ug/L		89	70 - 130
Vinyl acetate	100	113		ug/L		113	67 - 135
Vinyl chloride	50.0	46.4		ug/L		93	66 - 129
Xylenes, Total	100	99.9		ug/L		100	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	90		70 - 130
Dibromofluoromethane (Surr)	91		70 - 130
1,2-Dichloroethane-d4 (Surr)	84		60 - 124
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LCSD 680-730426/7

Matrix: Water

Analysis Batch: 730426

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	250		ug/L		100	67 - 120	22	30
Acrylonitrile	500	506		ug/L		101	70 - 130	17	30
Benzene	50.0	55.2		ug/L		110	70 - 130	6	30
Bromoform	50.0	45.6		ug/L		91	69 - 129	9	30
Bromomethane	50.0	158	*+	ug/L		316	28 - 192	14	30
2-Butanone (MEK)	250	247		ug/L		99	69 - 120	16	30
Carbon disulfide	50.0	50.4		ug/L		101	70 - 130	1	30
Carbon tetrachloride	50.0	45.0		ug/L		90	70 - 130	3	30
Chlorobenzene	50.0	50.0		ug/L		100	70 - 130	5	30
Chlorobromomethane	50.0	46.0		ug/L		92	70 - 130	5	30
Chlorodibromomethane	50.0	48.3		ug/L		97	70 - 130	5	30
Chloroethane	50.0	140	E *+ *1	ug/L		280	31 - 213	62	30
Chloroform	50.0	46.8		ug/L		94	70 - 130	6	30
Chloromethane	50.0	37.4		ug/L		75	59 - 127	18	30
cis-1,2-Dichloroethene	50.0	47.8		ug/L		96	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	50.7		ug/L		101	70 - 130	4	20
1,2-Dibromo-3-Chloropropane	50.0	45.9		ug/L		92	70 - 130	9	30
1,2-Dibromoethane	50.0	50.6		ug/L		101	70 - 130	8	30
Dibromomethane	50.0	47.7		ug/L		95	70 - 130	9	30
1,2-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 130	4	30
1,4-Dichlorobenzene	50.0	49.0		ug/L		98	70 - 130	1	30
Dichlorobromomethane	50.0	48.7		ug/L		97	70 - 130	4	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCSD 680-730426/7

Matrix: Water

Analysis Batch: 730426

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
		Result	Qualifier				Limits		Limit
1,1-Dichloroethane	50.0	50.5		ug/L		101	70 - 130	4	30
1,2-Dichloroethane	50.0	44.9		ug/L		90	70 - 130	8	50
1,1-Dichloroethene	50.0	46.9		ug/L		94	70 - 130	2	20
1,2-Dichloropropane	50.0	55.0		ug/L		110	70 - 130	5	20
Ethylbenzene	50.0	53.3		ug/L		107	70 - 130	3	20
2-Hexanone	250	278		ug/L		111	70 - 130	15	20
Iodomethane	50.0	70.2	J *+	ug/L		140	52 - 129	15	30
Methylene Chloride	50.0	46.5		ug/L		93	70 - 130	8	30
4-Methyl-2-pentanone (MIBK)	250	275		ug/L		110	68 - 120	12	30
m-Xylene & p-Xylene	50.0	51.5		ug/L		103	70 - 130	4	30
o-Xylene	50.0	52.2		ug/L		104	70 - 130	4	30
Styrene	50.0	51.8		ug/L		104	70 - 130	4	30
1,1,1,2-Tetrachloroethane	50.0	54.7		ug/L		109	70 - 130	5	30
1,1,1,2-Tetrachloroethane	50.0	52.1		ug/L		104	70 - 130	2	30
Tetrachloroethene	50.0	46.7		ug/L		93	70 - 130	4	30
Toluene	50.0	50.9		ug/L		102	70 - 130	3	30
trans-1,4-Dichloro-2-butene	50.0	52.8		ug/L		106	67 - 120	7	30
trans-1,2-Dichloroethene	50.0	48.1		ug/L		96	70 - 130	3	30
trans-1,3-Dichloropropene	50.0	52.8		ug/L		106	70 - 130	8	30
1,1,1-Trichloroethane	50.0	47.1		ug/L		94	70 - 130	0	30
1,1,2-Trichloroethane	50.0	54.5		ug/L		109	70 - 130	12	30
Trichloroethene	50.0	51.6		ug/L		103	70 - 130	9	30
Trichlorofluoromethane	50.0	48.4	*1	ug/L		97	63 - 142	66	30
1,2,3-Trichloropropane	50.0	48.2		ug/L		96	70 - 130	7	30
Vinyl acetate	100	69.9	J *1	ug/L		70	67 - 135	47	30
Vinyl chloride	50.0	50.0		ug/L		100	66 - 129	7	30
Xylenes, Total	100	104		ug/L		104	70 - 130	4	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	90		70 - 130
Dibromofluoromethane (Surr)	90		70 - 130
1,2-Dichloroethane-d4 (Surr)	90		60 - 124
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: MB 680-730583/9

Matrix: Water

Analysis Batch: 730583

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		100		ug/L			07/14/22 12:23	1
Acrylonitrile	ND		50		ug/L			07/14/22 12:23	1
Benzene	ND		2.0		ug/L			07/14/22 12:23	1
Bromoform	ND		10		ug/L			07/14/22 12:23	1
Bromomethane	ND		10		ug/L			07/14/22 12:23	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 12:23	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 12:23	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 12:23	1
Chlorobenzene	ND		10		ug/L			07/14/22 12:23	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: MB 680-730583/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 730583

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlorobromomethane	ND		10		ug/L			07/14/22 12:23	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 12:23	1
Chloroethane	ND		5.0		ug/L			07/14/22 12:23	1
Chloroform	ND		2.0		ug/L			07/14/22 12:23	1
Chloromethane	ND		10		ug/L			07/14/22 12:23	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 12:23	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 12:23	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 12:23	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 12:23	1
Dibromomethane	ND		10		ug/L			07/14/22 12:23	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 12:23	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 12:23	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 12:23	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 12:23	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 12:23	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 12:23	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 12:23	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 12:23	1
2-Hexanone	ND		50		ug/L			07/14/22 12:23	1
Iodomethane	ND		100		ug/L			07/14/22 12:23	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 12:23	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 12:23	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 12:23	1
o-Xylene	ND		5.0		ug/L			07/14/22 12:23	1
Styrene	ND		10		ug/L			07/14/22 12:23	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 12:23	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 12:23	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 12:23	1
Toluene	ND		2.0		ug/L			07/14/22 12:23	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 12:23	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 12:23	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 12:23	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 12:23	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 12:23	1
Trichloroethene	ND		2.0		ug/L			07/14/22 12:23	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 12:23	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 12:23	1
Vinyl acetate	ND		100		ug/L			07/14/22 12:23	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 12:23	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 12:23	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	98		70 - 130		07/14/22 12:23	1
Dibromofluoromethane (Surr)	103		70 - 130		07/14/22 12:23	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 124		07/14/22 12:23	1
Toluene-d8 (Surr)	99		70 - 130		07/14/22 12:23	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCS 680-730583/5

Matrix: Water

Analysis Batch: 730583

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	206		ug/L		83	67 - 120
Acrylonitrile	500	454		ug/L		91	70 - 130
Benzene	50.0	50.9		ug/L		102	70 - 130
Bromoform	50.0	52.3		ug/L		105	69 - 129
Bromomethane	50.0	63.3		ug/L		127	28 - 192
2-Butanone (MEK)	250	208		ug/L		83	69 - 120
Carbon disulfide	50.0	54.3		ug/L		109	70 - 130
Carbon tetrachloride	50.0	53.8		ug/L		108	70 - 130
Chlorobenzene	50.0	48.1		ug/L		96	70 - 130
Chlorobromomethane	50.0	51.9		ug/L		104	70 - 130
Chlorodibromomethane	50.0	51.7		ug/L		103	70 - 130
Chloroethane	50.0	76.0		ug/L		152	31 - 213
Chloroform	50.0	50.9		ug/L		102	70 - 130
Chloromethane	50.0	54.5		ug/L		109	59 - 127
cis-1,2-Dichloroethene	50.0	52.1		ug/L		104	70 - 130
cis-1,3-Dichloropropene	50.0	50.7		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	44.3		ug/L		89	70 - 130
1,2-Dibromoethane	50.0	50.7		ug/L		101	70 - 130
Dibromomethane	50.0	51.3		ug/L		103	70 - 130
1,2-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 130
1,4-Dichlorobenzene	50.0	48.4		ug/L		97	70 - 130
Dichlorobromomethane	50.0	52.3		ug/L		105	70 - 130
1,1-Dichloroethane	50.0	51.0		ug/L		102	70 - 130
1,2-Dichloroethane	50.0	51.3		ug/L		103	70 - 130
1,1-Dichloroethene	50.0	56.3		ug/L		113	70 - 130
1,2-Dichloropropane	50.0	51.4		ug/L		103	70 - 130
Ethylbenzene	50.0	50.7		ug/L		101	70 - 130
2-Hexanone	250	233		ug/L		93	70 - 130
Iodomethane	50.0	62.0	J	ug/L		124	52 - 129
Methylene Chloride	50.0	51.0		ug/L		102	70 - 130
4-Methyl-2-pentanone (MIBK)	250	227		ug/L		91	68 - 120
m-Xylene & p-Xylene	50.0	49.5		ug/L		99	70 - 130
o-Xylene	50.0	49.2		ug/L		98	70 - 130
Styrene	50.0	49.0		ug/L		98	70 - 130
1,1,1,2-Tetrachloroethane	50.0	51.5		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	50.0	47.6		ug/L		95	70 - 130
Tetrachloroethene	50.0	53.8		ug/L		108	70 - 130
Toluene	50.0	51.8		ug/L		104	70 - 130
trans-1,4-Dichloro-2-butene	50.0	52.2		ug/L		104	67 - 120
trans-1,2-Dichloroethene	50.0	54.0		ug/L		108	70 - 130
trans-1,3-Dichloropropene	50.0	52.6		ug/L		105	70 - 130
1,1,1-Trichloroethane	50.0	52.8		ug/L		106	70 - 130
1,1,2-Trichloroethane	50.0	50.0		ug/L		100	70 - 130
Trichloroethene	50.0	51.1		ug/L		102	70 - 130
Trichlorofluoromethane	50.0	61.9		ug/L		124	63 - 142
1,2,3-Trichloropropane	50.0	48.0		ug/L		96	70 - 130
Vinyl acetate	100	143	*+	ug/L		143	67 - 135
Vinyl chloride	50.0	53.4		ug/L		107	66 - 129

Eurofins Savannah

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCS 680-730583/5

Matrix: Water

Analysis Batch: 730583

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Xylenes, Total	100	98.7		ug/L		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130
1,2-Dichloroethane-d4 (Surr)	95		60 - 124
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 680-730583/6

Matrix: Water

Analysis Batch: 730583

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	207		ug/L		83	67 - 120	0	30
Acrylonitrile	500	464		ug/L		93	70 - 130	2	30
Benzene	50.0	50.6		ug/L		101	70 - 130	1	30
Bromoform	50.0	53.0		ug/L		106	69 - 129	1	30
Bromomethane	50.0	63.0		ug/L		126	28 - 192	0	30
2-Butanone (MEK)	250	218		ug/L		87	69 - 120	5	30
Carbon disulfide	50.0	53.4		ug/L		107	70 - 130	2	30
Carbon tetrachloride	50.0	52.8		ug/L		106	70 - 130	2	30
Chlorobenzene	50.0	46.9		ug/L		94	70 - 130	3	30
Chlorobromomethane	50.0	51.6		ug/L		103	70 - 130	1	30
Chlorodibromomethane	50.0	52.2		ug/L		104	70 - 130	1	30
Chloroethane	50.0	75.7		ug/L		151	31 - 213	0	30
Chloroform	50.0	50.7		ug/L		101	70 - 130	0	30
Chloromethane	50.0	53.4		ug/L		107	59 - 127	2	30
cis-1,2-Dichloroethane	50.0	51.5		ug/L		103	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	50.3		ug/L		101	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	45.5		ug/L		91	70 - 130	3	30
1,2-Dibromoethane	50.0	51.0		ug/L		102	70 - 130	1	30
Dibromomethane	50.0	51.9		ug/L		104	70 - 130	1	30
1,2-Dichlorobenzene	50.0	49.2		ug/L		98	70 - 130	0	30
1,4-Dichlorobenzene	50.0	47.9		ug/L		96	70 - 130	1	30
Dichlorobromomethane	50.0	52.1		ug/L		104	70 - 130	0	30
1,1-Dichloroethane	50.0	50.4		ug/L		101	70 - 130	1	30
1,2-Dichloroethane	50.0	51.5		ug/L		103	70 - 130	0	50
1,1-Dichloroethene	50.0	47.3		ug/L		95	70 - 130	17	20
1,2-Dichloropropane	50.0	51.0		ug/L		102	70 - 130	1	20
Ethylbenzene	50.0	49.8		ug/L		100	70 - 130	2	20
2-Hexanone	250	240		ug/L		96	70 - 130	3	20
Iodomethane	50.0	61.2	J	ug/L		122	52 - 129	1	30
Methylene Chloride	50.0	50.9		ug/L		102	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	250	235		ug/L		94	68 - 120	3	30
m-Xylene & p-Xylene	50.0	48.5		ug/L		97	70 - 130	2	30
o-Xylene	50.0	48.4		ug/L		97	70 - 130	2	30
Styrene	50.0	48.2		ug/L		96	70 - 130	2	30
1,1,1,2-Tetrachloroethane	50.0	50.7		ug/L		101	70 - 130	2	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCSD 680-730583/6

Matrix: Water

Analysis Batch: 730583

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
1,1,1,2-Tetrachloroethane	50.0	49.1		ug/L		98	70 - 130	3	30
Tetrachloroethene	50.0	53.5		ug/L		107	70 - 130	1	30
Toluene	50.0	51.8		ug/L		104	70 - 130	0	30
trans-1,4-Dichloro-2-butene	50.0	49.8		ug/L		100	67 - 120	5	30
trans-1,2-Dichloroethene	50.0	53.6		ug/L		107	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	52.8		ug/L		106	70 - 130	0	30
1,1,1-Trichloroethane	50.0	51.9		ug/L		104	70 - 130	2	30
1,1,1,2-Trichloroethane	50.0	50.6		ug/L		101	70 - 130	1	30
Trichloroethene	50.0	49.8		ug/L		100	70 - 130	3	30
Trichlorofluoromethane	50.0	61.2		ug/L		122	63 - 142	1	30
1,2,3-Trichloropropane	50.0	48.7		ug/L		97	70 - 130	1	30
Vinyl acetate	100	148	*+	ug/L		148	67 - 135	3	30
Vinyl chloride	50.0	52.0		ug/L		104	66 - 129	3	30
Xylenes, Total	100	96.9		ug/L		97	70 - 130	2	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130
1,2-Dichloroethane-d4 (Surr)	96		60 - 124
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: MB 680-730651/9

Matrix: Water

Analysis Batch: 730651

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		100		ug/L		07/14/22 14:31	1	
Acrylonitrile	ND		50		ug/L		07/14/22 14:31	1	
Benzene	ND		2.0		ug/L		07/14/22 14:31	1	
Bromoform	ND		10		ug/L		07/14/22 14:31	1	
Bromomethane	ND		10		ug/L		07/14/22 14:31	1	
2-Butanone (MEK)	ND		100		ug/L		07/14/22 14:31	1	
Carbon disulfide	ND		5.0		ug/L		07/14/22 14:31	1	
Carbon tetrachloride	ND		2.0		ug/L		07/14/22 14:31	1	
Chlorobenzene	ND		10		ug/L		07/14/22 14:31	1	
Chlorobromomethane	ND		10		ug/L		07/14/22 14:31	1	
Chlorodibromomethane	ND		10		ug/L		07/14/22 14:31	1	
Chloroethane	ND		5.0		ug/L		07/14/22 14:31	1	
Chloroform	ND		2.0		ug/L		07/14/22 14:31	1	
Chloromethane	ND		10		ug/L		07/14/22 14:31	1	
cis-1,2-Dichloroethene	ND		2.0		ug/L		07/14/22 14:31	1	
cis-1,3-Dichloropropene	ND		2.0		ug/L		07/14/22 14:31	1	
1,2-Dibromo-3-Chloropropane	ND		25		ug/L		07/14/22 14:31	1	
1,2-Dibromoethane	ND		5.0		ug/L		07/14/22 14:31	1	
Dibromomethane	ND		10		ug/L		07/14/22 14:31	1	
1,2-Dichlorobenzene	ND		10		ug/L		07/14/22 14:31	1	
1,4-Dichlorobenzene	ND		10		ug/L		07/14/22 14:31	1	
Dichlorobromomethane	ND		10		ug/L		07/14/22 14:31	1	

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: MB 680-730651/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 730651

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 14:31	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 14:31	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 14:31	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 14:31	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 14:31	1
2-Hexanone	ND		50		ug/L			07/14/22 14:31	1
Iodomethane	ND		100		ug/L			07/14/22 14:31	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 14:31	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 14:31	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 14:31	1
o-Xylene	ND		5.0		ug/L			07/14/22 14:31	1
Styrene	ND		10		ug/L			07/14/22 14:31	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 14:31	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 14:31	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 14:31	1
Toluene	ND		2.0		ug/L			07/14/22 14:31	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 14:31	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 14:31	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 14:31	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 14:31	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 14:31	1
Trichloroethene	ND		2.0		ug/L			07/14/22 14:31	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 14:31	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 14:31	1
Vinyl acetate	ND		100		ug/L			07/14/22 14:31	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 14:31	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 14:31	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	100		70 - 130		07/14/22 14:31	1
Dibromofluoromethane (Surr)	104		70 - 130		07/14/22 14:31	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 124		07/14/22 14:31	1
Toluene-d8 (Surr)	105		70 - 130		07/14/22 14:31	1

Lab Sample ID: LCS 680-730651/5

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 730651

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acrylonitrile	500	520		ug/L		104	70 - 130
Benzene	50.0	49.6		ug/L		99	70 - 130
Bromoform	50.0	60.0		ug/L		120	69 - 129
Bromomethane	50.0	69.0		ug/L		138	28 - 192
2-Butanone (MEK)	250	245		ug/L		98	69 - 120
Carbon disulfide	50.0	45.0		ug/L		90	70 - 130
Carbon tetrachloride	50.0	47.8		ug/L		96	70 - 130
Chlorobenzene	50.0	53.1		ug/L		106	70 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCS 680-730651/5

Matrix: Water

Analysis Batch: 730651

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Chlorobromomethane	50.0	52.7		ug/L		105	70 - 130
Chlorodibromomethane	50.0	56.0		ug/L		112	70 - 130
Chloroethane	50.0	60.5		ug/L		121	31 - 213
Chloroform	50.0	47.7		ug/L		95	70 - 130
Chloromethane	50.0	41.2		ug/L		82	59 - 127
cis-1,2-Dichloroethene	50.0	47.1		ug/L		94	70 - 130
cis-1,3-Dichloropropene	50.0	52.6		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	57.5		ug/L		115	70 - 130
1,2-Dibromoethane	50.0	54.9		ug/L		110	70 - 130
Dibromomethane	50.0	52.2		ug/L		104	70 - 130
1,2-Dichlorobenzene	50.0	53.1		ug/L		106	70 - 130
1,4-Dichlorobenzene	50.0	51.7		ug/L		103	70 - 130
Dichlorobromomethane	50.0	50.4		ug/L		101	70 - 130
1,1-Dichloroethane	50.0	47.7		ug/L		95	70 - 130
1,2-Dichloroethane	50.0	48.3		ug/L		97	70 - 130
1,1-Dichloroethene	50.0	47.4		ug/L		95	70 - 130
1,2-Dichloropropane	50.0	50.2		ug/L		100	70 - 130
Ethylbenzene	50.0	52.6		ug/L		105	70 - 130
2-Hexanone	250	256		ug/L		103	70 - 130
Iodomethane	50.0	48.0	J	ug/L		96	52 - 129
Methylene Chloride	50.0	50.4		ug/L		101	70 - 130
4-Methyl-2-pentanone (MIBK)	250	254		ug/L		102	68 - 120
m-Xylene & p-Xylene	50.0	51.1		ug/L		102	70 - 130
o-Xylene	50.0	51.5		ug/L		103	70 - 130
Styrene	50.0	55.4		ug/L		111	70 - 130
1,1,1,2-Tetrachloroethane	50.0	54.1		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	50.0	56.8		ug/L		114	70 - 130
Tetrachloroethene	50.0	50.4		ug/L		101	70 - 130
Toluene	50.0	50.7		ug/L		101	70 - 130
trans-1,4-Dichloro-2-butene	50.0	53.9		ug/L		108	67 - 120
trans-1,2-Dichloroethene	50.0	51.6		ug/L		103	70 - 130
trans-1,3-Dichloropropene	50.0	51.3		ug/L		103	70 - 130
1,1,1-Trichloroethane	50.0	46.4		ug/L		93	70 - 130
1,1,2-Trichloroethane	50.0	53.8		ug/L		108	70 - 130
Trichloroethene	50.0	50.6		ug/L		101	70 - 130
Trichlorofluoromethane	50.0	54.4		ug/L		109	63 - 142
1,2,3-Trichloropropane	50.0	56.1		ug/L		112	70 - 130
Vinyl acetate	100	187	*+	ug/L		187	67 - 135
Vinyl chloride	50.0	41.3		ug/L		83	66 - 129
Xylenes, Total	100	103		ug/L		103	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	97		70 - 130
Dibromofluoromethane (Surr)	102		70 - 130
1,2-Dichloroethane-d4 (Surr)	93		60 - 124
Toluene-d8 (Surr)	106		70 - 130

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCSD 680-730651/6

Matrix: Water

Analysis Batch: 730651

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
Acetone	250	257		ug/L		103	67 - 120	2	30
Acrylonitrile	500	537		ug/L		107	70 - 130	3	30
Benzene	50.0	49.5		ug/L		99	70 - 130	0	30
Bromoform	50.0	61.9		ug/L		124	69 - 129	3	30
Bromomethane	50.0	68.9		ug/L		138	28 - 192	0	30
2-Butanone (MEK)	250	271		ug/L		108	69 - 120	10	30
Carbon disulfide	50.0	45.1		ug/L		90	70 - 130	0	30
Carbon tetrachloride	50.0	48.1		ug/L		96	70 - 130	1	30
Chlorobenzene	50.0	53.8		ug/L		108	70 - 130	1	30
Chlorobromomethane	50.0	53.9		ug/L		108	70 - 130	2	30
Chlorodibromomethane	50.0	55.1		ug/L		110	70 - 130	2	30
Chloroethane	50.0	58.4		ug/L		117	31 - 213	3	30
Chloroform	50.0	47.7		ug/L		95	70 - 130	0	30
Chloromethane	50.0	41.7		ug/L		83	59 - 127	1	30
cis-1,2-Dichloroethene	50.0	46.5		ug/L		93	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	52.6		ug/L		105	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	50.0	56.6		ug/L		113	70 - 130	2	30
1,2-Dibromoethane	50.0	54.2		ug/L		108	70 - 130	1	30
Dibromomethane	50.0	54.1		ug/L		108	70 - 130	4	30
1,2-Dichlorobenzene	50.0	50.8		ug/L		102	70 - 130	4	30
1,4-Dichlorobenzene	50.0	50.2		ug/L		100	70 - 130	3	30
Dichlorobromomethane	50.0	50.7		ug/L		101	70 - 130	1	30
1,1-Dichloroethane	50.0	48.0		ug/L		96	70 - 130	1	30
1,2-Dichloroethane	50.0	49.0		ug/L		98	70 - 130	1	50
1,1-Dichloroethene	50.0	45.8		ug/L		92	70 - 130	4	20
1,2-Dichloropropane	50.0	51.0		ug/L		102	70 - 130	1	20
Ethylbenzene	50.0	52.8		ug/L		106	70 - 130	0	20
2-Hexanone	250	264		ug/L		105	70 - 130	3	20
Iodomethane	50.0	48.5	J	ug/L		97	52 - 129	1	30
Methylene Chloride	50.0	51.3		ug/L		103	70 - 130	2	30
4-Methyl-2-pentanone (MIBK)	250	259		ug/L		104	68 - 120	2	30
m-Xylene & p-Xylene	50.0	51.4		ug/L		103	70 - 130	1	30
o-Xylene	50.0	52.3		ug/L		105	70 - 130	1	30
Styrene	50.0	56.5		ug/L		113	70 - 130	2	30
1,1,1,2-Tetrachloroethane	50.0	56.5		ug/L		113	70 - 130	4	30
1,1,2,2-Tetrachloroethane	50.0	57.0		ug/L		114	70 - 130	0	30
Tetrachloroethene	50.0	50.8		ug/L		102	70 - 130	1	30
Toluene	50.0	51.5		ug/L		103	70 - 130	2	30
trans-1,4-Dichloro-2-butene	50.0	54.6		ug/L		109	67 - 120	1	30
trans-1,2-Dichloroethene	50.0	51.9		ug/L		104	70 - 130	0	30
trans-1,3-Dichloropropene	50.0	51.8		ug/L		104	70 - 130	1	30
1,1,1-Trichloroethane	50.0	46.6		ug/L		93	70 - 130	0	30
1,1,2-Trichloroethane	50.0	54.4		ug/L		109	70 - 130	1	30
Trichloroethene	50.0	51.0		ug/L		102	70 - 130	1	30
Trichlorofluoromethane	50.0	55.2		ug/L		110	63 - 142	1	30
1,2,3-Trichloropropane	50.0	57.5		ug/L		115	70 - 130	3	30
Vinyl acetate	100	169	*+	ug/L		169	67 - 135	10	30
Vinyl chloride	50.0	41.8		ug/L		84	66 - 129	1	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCSD 680-730651/6

Matrix: Water

Analysis Batch: 730651

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total	100	104		ug/L		104	70 - 130	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
Dibromofluoromethane (Surr)	106		70 - 130
1,2-Dichloroethane-d4 (Surr)	94		60 - 124
Toluene-d8 (Surr)	106		70 - 130

Lab Sample ID: MB 680-730660/8

Matrix: Water

Analysis Batch: 730660

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/14/22 13:40	1
Acrylonitrile	ND		50		ug/L			07/14/22 13:40	1
Benzene	ND		2.0		ug/L			07/14/22 13:40	1
Bromoform	ND		10		ug/L			07/14/22 13:40	1
Bromomethane	ND		10		ug/L			07/14/22 13:40	1
2-Butanone (MEK)	ND		100		ug/L			07/14/22 13:40	1
Carbon disulfide	ND		5.0		ug/L			07/14/22 13:40	1
Carbon tetrachloride	ND		2.0		ug/L			07/14/22 13:40	1
Chlorobenzene	ND		10		ug/L			07/14/22 13:40	1
Chlorobromomethane	ND		10		ug/L			07/14/22 13:40	1
Chlorodibromomethane	ND		10		ug/L			07/14/22 13:40	1
Chloroethane	ND		5.0		ug/L			07/14/22 13:40	1
Chloroform	ND		2.0		ug/L			07/14/22 13:40	1
Chloromethane	ND		10		ug/L			07/14/22 13:40	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 13:40	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 13:40	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/14/22 13:40	1
1,2-Dibromoethane	ND		5.0		ug/L			07/14/22 13:40	1
Dibromomethane	ND		10		ug/L			07/14/22 13:40	1
1,2-Dichlorobenzene	ND		10		ug/L			07/14/22 13:40	1
1,4-Dichlorobenzene	ND		10		ug/L			07/14/22 13:40	1
Dichlorobromomethane	ND		10		ug/L			07/14/22 13:40	1
1,1-Dichloroethane	ND		2.0		ug/L			07/14/22 13:40	1
1,2-Dichloroethane	ND		2.0		ug/L			07/14/22 13:40	1
1,1-Dichloroethene	ND		2.0		ug/L			07/14/22 13:40	1
1,2-Dichloropropane	ND		2.0		ug/L			07/14/22 13:40	1
Ethylbenzene	ND		2.0		ug/L			07/14/22 13:40	1
2-Hexanone	ND		50		ug/L			07/14/22 13:40	1
Iodomethane	ND		100		ug/L			07/14/22 13:40	1
Methylene Chloride	ND		5.0		ug/L			07/14/22 13:40	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/14/22 13:40	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/14/22 13:40	1
o-Xylene	ND		5.0		ug/L			07/14/22 13:40	1
Styrene	ND		10		ug/L			07/14/22 13:40	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 13:40	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: MB 680-730660/8

Matrix: Water

Analysis Batch: 730660

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/14/22 13:40	1
Tetrachloroethene	ND		2.0		ug/L			07/14/22 13:40	1
Toluene	ND		2.0		ug/L			07/14/22 13:40	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/14/22 13:40	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/14/22 13:40	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/14/22 13:40	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/14/22 13:40	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/14/22 13:40	1
Trichloroethene	ND		2.0		ug/L			07/14/22 13:40	1
Trichlorofluoromethane	ND		10		ug/L			07/14/22 13:40	1
1,2,3-Trichloropropane	ND		10		ug/L			07/14/22 13:40	1
Vinyl acetate	ND		100		ug/L			07/14/22 13:40	1
Vinyl chloride	ND		2.0		ug/L			07/14/22 13:40	1
Xylenes, Total	ND		5.0		ug/L			07/14/22 13:40	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	106		70 - 130		07/14/22 13:40	1
Dibromofluoromethane (Surr)	106		70 - 130		07/14/22 13:40	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 124		07/14/22 13:40	1
Toluene-d8 (Surr)	102		70 - 130		07/14/22 13:40	1

Lab Sample ID: LCS 680-730660/4

Matrix: Water

Analysis Batch: 730660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acrylonitrile	500	581		ug/L		116	70 - 130
Benzene	50.0	48.7		ug/L		97	70 - 130
Bromoform	50.0	60.1		ug/L		120	69 - 129
Bromomethane	50.0	69.0		ug/L		138	28 - 192
2-Butanone (MEK)	250	259		ug/L		104	69 - 120
Carbon disulfide	50.0	54.0		ug/L		108	70 - 130
Carbon tetrachloride	50.0	52.2		ug/L		104	70 - 130
Chlorobenzene	50.0	54.7		ug/L		109	70 - 130
Chlorobromomethane	50.0	55.0		ug/L		110	70 - 130
Chlorodibromomethane	50.0	54.9		ug/L		110	70 - 130
Chloroethane	50.0	70.2		ug/L		140	31 - 213
Chloroform	50.0	51.0		ug/L		102	70 - 130
Chloromethane	50.0	51.1		ug/L		102	59 - 127
cis-1,2-Dichloroethene	50.0	50.5		ug/L		101	70 - 130
cis-1,3-Dichloropropene	50.0	45.3		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	74.7	*+	ug/L		149	70 - 130
1,2-Dibromoethane	50.0	53.5		ug/L		107	70 - 130
Dibromomethane	50.0	51.9		ug/L		104	70 - 130
1,2-Dichlorobenzene	50.0	50.0		ug/L		100	70 - 130
1,4-Dichlorobenzene	50.0	48.9		ug/L		98	70 - 130
Dichlorobromomethane	50.0	50.5		ug/L		101	70 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCS 680-730660/4

Matrix: Water

Analysis Batch: 730660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1-Dichloroethane	50.0	53.8		ug/L		108	70 - 130
1,2-Dichloroethane	50.0	52.7		ug/L		105	70 - 130
1,1-Dichloroethene	50.0	53.7		ug/L		107	70 - 130
1,2-Dichloropropane	50.0	51.4		ug/L		103	70 - 130
Ethylbenzene	50.0	52.3		ug/L		105	70 - 130
2-Hexanone	250	264		ug/L		105	70 - 130
Iodomethane	50.0	56.8	J	ug/L		114	52 - 129
Methylene Chloride	50.0	54.3		ug/L		109	70 - 130
4-Methyl-2-pentanone (MIBK)	250	254		ug/L		102	68 - 120
m-Xylene & p-Xylene	50.0	51.5		ug/L		103	70 - 130
o-Xylene	50.0	51.3		ug/L		103	70 - 130
Styrene	50.0	59.6		ug/L		119	70 - 130
1,1,1,2-Tetrachloroethane	50.0	54.0		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	50.0	48.2		ug/L		96	70 - 130
Tetrachloroethene	50.0	49.9		ug/L		100	70 - 130
Toluene	50.0	49.7		ug/L		99	70 - 130
trans-1,4-Dichloro-2-butene	50.0	59.5		ug/L		119	67 - 120
trans-1,2-Dichloroethene	50.0	52.4		ug/L		105	70 - 130
trans-1,3-Dichloropropene	50.0	46.8		ug/L		94	70 - 130
1,1,1-Trichloroethane	50.0	49.8		ug/L		100	70 - 130
1,1,2-Trichloroethane	50.0	51.7		ug/L		103	70 - 130
Trichloroethene	50.0	53.6		ug/L		107	70 - 130
Trichlorofluoromethane	50.0	59.6		ug/L		119	63 - 142
1,2,3-Trichloropropane	50.0	58.6		ug/L		117	70 - 130
Vinyl acetate	100	100		ug/L		100	67 - 135
Vinyl chloride	50.0	66.3	*+	ug/L		133	66 - 129
Xylenes, Total	100	103		ug/L		103	70 - 130

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
Dibromofluoromethane (Surr)	106		70 - 130
1,2-Dichloroethane-d4 (Surr)	101		60 - 124
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 680-730660/5

Matrix: Water

Analysis Batch: 730660

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD
		Result	Qualifier						Limit
Acetone	250	289		ug/L		115	67 - 120	4	30
Acrylonitrile	500	576		ug/L		115	70 - 130	1	30
Benzene	50.0	49.3		ug/L		99	70 - 130	1	30
Bromoform	50.0	59.9		ug/L		120	69 - 129	0	30
Bromomethane	50.0	68.6		ug/L		137	28 - 192	1	30
2-Butanone (MEK)	250	267		ug/L		107	69 - 120	3	30
Carbon disulfide	50.0	56.4		ug/L		113	70 - 130	4	30
Carbon tetrachloride	50.0	52.2		ug/L		104	70 - 130	0	30
Chlorobenzene	50.0	53.9		ug/L		108	70 - 130	2	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCSD 680-730660/5

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 730660

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
Chlorobromomethane	50.0	54.6		ug/L		109	70 - 130	1	30
Chlorodibromomethane	50.0	57.8		ug/L		116	70 - 130	5	30
Chloroethane	50.0	71.5		ug/L		143	31 - 213	2	30
Chloroform	50.0	51.0		ug/L		102	70 - 130	0	30
Chloromethane	50.0	55.3		ug/L		111	59 - 127	8	30
cis-1,2-Dichloroethene	50.0	50.4		ug/L		101	70 - 130	0	30
cis-1,3-Dichloropropene	50.0	46.8		ug/L		94	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	50.0	70.3	*+	ug/L		141	70 - 130	6	30
1,2-Dibromoethane	50.0	54.6		ug/L		109	70 - 130	2	30
Dibromomethane	50.0	52.3		ug/L		105	70 - 130	1	30
1,2-Dichlorobenzene	50.0	50.8		ug/L		102	70 - 130	2	30
1,4-Dichlorobenzene	50.0	48.6		ug/L		97	70 - 130	1	30
Dichlorobromomethane	50.0	50.5		ug/L		101	70 - 130	0	30
1,1-Dichloroethane	50.0	53.5		ug/L		107	70 - 130	1	30
1,2-Dichloroethane	50.0	53.4		ug/L		107	70 - 130	1	50
1,1-Dichloroethene	50.0	56.6		ug/L		113	70 - 130	5	20
1,2-Dichloropropane	50.0	53.5		ug/L		107	70 - 130	4	20
Ethylbenzene	50.0	52.3		ug/L		105	70 - 130	0	20
2-Hexanone	250	279		ug/L		112	70 - 130	6	20
Iodomethane	50.0	56.6	J	ug/L		113	52 - 129	0	30
Methylene Chloride	50.0	52.6		ug/L		105	70 - 130	3	30
4-Methyl-2-pentanone (MIBK)	250	263		ug/L		105	68 - 120	3	30
m-Xylene & p-Xylene	50.0	52.3		ug/L		105	70 - 130	1	30
o-Xylene	50.0	51.1		ug/L		102	70 - 130	0	30
Styrene	50.0	59.9		ug/L		120	70 - 130	0	30
1,1,1,2-Tetrachloroethane	50.0	53.0		ug/L		106	70 - 130	2	30
1,1,1,2-Tetrachloroethane	50.0	47.1		ug/L		94	70 - 130	2	30
Tetrachloroethene	50.0	50.5		ug/L		101	70 - 130	1	30
Toluene	50.0	50.8		ug/L		102	70 - 130	2	30
trans-1,4-Dichloro-2-butene	50.0	59.4		ug/L		119	67 - 120	0	30
trans-1,2-Dichloroethene	50.0	50.9		ug/L		102	70 - 130	3	30
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	70 - 130	4	30
1,1,1-Trichloroethane	50.0	48.7		ug/L		97	70 - 130	2	30
1,1,2-Trichloroethane	50.0	52.5		ug/L		105	70 - 130	2	30
Trichloroethene	50.0	54.5		ug/L		109	70 - 130	2	30
Trichlorofluoromethane	50.0	54.3		ug/L		109	63 - 142	9	30
1,2,3-Trichloropropane	50.0	57.0		ug/L		114	70 - 130	3	30
Vinyl acetate	100	92.4	J	ug/L		92	67 - 135	8	30
Vinyl chloride	50.0	66.6	*+	ug/L		133	66 - 129	0	30
Xylenes, Total	100	103		ug/L		103	70 - 130	1	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
Dibromofluoromethane (Surr)	105		70 - 130
1,2-Dichloroethane-d4 (Surr)	104		60 - 124
Toluene-d8 (Surr)	102		70 - 130

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 680-730631/2
Matrix: Water
Analysis Batch: 730631

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			07/14/22 10:15	1

Lab Sample ID: LCS 680-730631/3
Matrix: Water
Analysis Batch: 730631

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.3		mg/L		103	90 - 110

Lab Sample ID: LCSD 680-730631/4
Matrix: Water
Analysis Batch: 730631

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.3		mg/L		103	90 - 110	0	15

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-730221/1-A
Matrix: Water
Analysis Batch: 730465

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 18:59	1
Arsenic	ND		0.010		mg/L		07/12/22 09:26	07/12/22 18:59	1
Arsenic, Dissolved	ND		0.010		mg/L		07/12/22 09:26	07/12/22 18:59	1
Barium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 18:59	1
Barium, Dissolved	ND		0.020		mg/L		07/12/22 09:26	07/12/22 18:59	1
Beryllium	ND		0.0030		mg/L		07/12/22 09:26	07/12/22 18:59	1
Cadmium	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 18:59	1
Cadmium, Dissolved	ND		0.0050		mg/L		07/12/22 09:26	07/12/22 18:59	1
Chromium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 18:59	1
Chromium, Dissolved	ND		0.010		mg/L		07/12/22 09:26	07/12/22 18:59	1
Cobalt	ND		0.0060		mg/L		07/12/22 09:26	07/12/22 18:59	1
Copper	ND		0.020		mg/L		07/12/22 09:26	07/12/22 18:59	1
Lead	ND		0.015		mg/L		07/12/22 09:26	07/12/22 18:59	1
Lead, Dissolved	ND		0.015		mg/L		07/12/22 09:26	07/12/22 18:59	1
Nickel	ND		0.020		mg/L		07/12/22 09:26	07/12/22 18:59	1
Nickel, Dissolved	ND		0.020		mg/L		07/12/22 09:26	07/12/22 18:59	1
Selenium	ND		0.010		mg/L		07/12/22 09:26	07/12/22 18:59	1
Silver	ND		0.010		mg/L		07/12/22 09:26	07/12/22 18:59	1
Silver, Dissolved	ND		0.010		mg/L		07/12/22 09:26	07/12/22 18:59	1
Thallium	ND		0.0020		mg/L		07/12/22 09:26	07/12/22 18:59	1
Vanadium	ND		0.020		mg/L		07/12/22 09:26	07/12/22 18:59	1
Zinc	ND		0.020		mg/L		07/12/22 09:26	07/12/22 18:59	1
Zinc, Dissolved	ND		0.020		mg/L		07/12/22 09:26	07/12/22 18:59	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCS 680-730221/2-A

Matrix: Water

Analysis Batch: 730465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 730221

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0516		mg/L		103	80 - 120
Arsenic	0.100	0.109		mg/L		109	80 - 120
Arsenic, Dissolved	0.100	0.109		mg/L		109	80 - 120
Barium	0.100	0.109		mg/L		109	80 - 120
Barium, Dissolved	0.100	0.109		mg/L		109	80 - 120
Beryllium	0.0500	0.0535		mg/L		107	80 - 120
Cadmium	0.0500	0.0527		mg/L		105	80 - 120
Cadmium, Dissolved	0.0500	0.0527		mg/L		105	80 - 120
Chromium	0.100	0.110		mg/L		110	80 - 120
Chromium, Dissolved	0.100	0.110		mg/L		110	80 - 120
Cobalt	0.0500	0.0544		mg/L		109	80 - 120
Copper	0.100	0.110		mg/L		110	80 - 120
Lead	0.505	0.530		mg/L		105	80 - 120
Lead, Dissolved	0.505	0.530		mg/L		105	80 - 120
Nickel	0.0990	0.110		mg/L		111	80 - 120
Nickel, Dissolved	0.0990	0.110		mg/L		111	80 - 120
Selenium	0.100	0.102		mg/L		101	80 - 120
Silver	0.0500	0.0532		mg/L		106	80 - 120
Silver, Dissolved	0.0500	0.0532		mg/L		106	80 - 120
Thallium	0.0500	0.0531		mg/L		106	80 - 120
Vanadium	0.0998	0.106		mg/L		106	80 - 120
Zinc	0.100	0.109		mg/L		109	80 - 120
Zinc, Dissolved	0.100	0.109		mg/L		109	80 - 120

Lab Sample ID: MB 680-730236/1-A

Matrix: Water

Analysis Batch: 730465

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 730236

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 20:37	1
Arsenic	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:37	1
Barium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:37	1
Beryllium	ND		0.0030		mg/L		07/12/22 10:12	07/12/22 20:37	1
Cadmium	ND		0.0050		mg/L		07/12/22 10:12	07/12/22 20:37	1
Chromium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:37	1
Cobalt	ND		0.0060		mg/L		07/12/22 10:12	07/12/22 20:37	1
Copper	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:37	1
Lead	ND		0.015		mg/L		07/12/22 10:12	07/12/22 20:37	1
Nickel	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:37	1
Selenium	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:37	1
Silver	ND		0.010		mg/L		07/12/22 10:12	07/12/22 20:37	1
Thallium	ND		0.0020		mg/L		07/12/22 10:12	07/12/22 20:37	1
Vanadium	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:37	1
Zinc	ND		0.020		mg/L		07/12/22 10:12	07/12/22 20:37	1

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCS 680-730236/2-A
Matrix: Water
Analysis Batch: 730465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730236

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Antimony	0.0500	0.0511		mg/L		102	80 - 120	
Arsenic	0.100	0.103		mg/L		103	80 - 120	
Barium	0.100	0.105		mg/L		105	80 - 120	
Beryllium	0.0500	0.0524		mg/L		105	80 - 120	
Cadmium	0.0500	0.0515		mg/L		103	80 - 120	
Chromium	0.100	0.108		mg/L		108	80 - 120	
Cobalt	0.0500	0.0535		mg/L		107	80 - 120	
Copper	0.100	0.108		mg/L		108	80 - 120	
Lead	0.505	0.516		mg/L		102	80 - 120	
Nickel	0.0990	0.108		mg/L		109	80 - 120	
Selenium	0.100	0.101		mg/L		100	80 - 120	
Silver	0.0500	0.0519		mg/L		104	80 - 120	
Thallium	0.0500	0.0516		mg/L		103	80 - 120	
Vanadium	0.0998	0.103		mg/L		104	80 - 120	
Zinc	0.100	0.104		mg/L		104	80 - 120	

Lab Sample ID: 680-218073-4 MS
Matrix: Ground Water
Analysis Batch: 730465

Client Sample ID: GWC-4
Prep Type: Total/NA
Prep Batch: 730236

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Antimony	ND		0.0500	0.0495		mg/L		99	75 - 125	
Arsenic	ND		0.100	0.101		mg/L		101	75 - 125	
Barium	0.036		0.100	0.138		mg/L		102	75 - 125	
Beryllium	ND		0.0500	0.0497		mg/L		99	75 - 125	
Cadmium	ND		0.0500	0.0501		mg/L		100	75 - 125	
Chromium	ND		0.100	0.110		mg/L		106	75 - 125	
Cobalt	ND		0.0500	0.0525		mg/L		104	75 - 125	
Copper	ND		0.100	0.108		mg/L		108	75 - 125	
Lead	ND		0.505	0.510		mg/L		101	75 - 125	
Nickel	ND		0.0990	0.110		mg/L		106	75 - 125	
Selenium	ND		0.100	0.0962		mg/L		96	75 - 125	
Silver	ND		0.0500	0.0508		mg/L		102	75 - 125	
Thallium	ND		0.0500	0.0514		mg/L		103	75 - 125	
Vanadium	ND		0.0998	0.102		mg/L		102	75 - 125	
Zinc	ND		0.100	0.121		mg/L		104	75 - 125	

Lab Sample ID: 680-218073-4 MSD
Matrix: Ground Water
Analysis Batch: 730465

Client Sample ID: GWC-4
Prep Type: Total/NA
Prep Batch: 730236

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	
									Limits		RPD	Limit
Antimony	ND		0.0500	0.0536		mg/L		107	75 - 125	8	20	
Arsenic	ND		0.100	0.107		mg/L		107	75 - 125	5	20	
Barium	0.036		0.100	0.150		mg/L		113	75 - 125	8	20	
Beryllium	ND		0.0500	0.0504		mg/L		100	75 - 125	1	20	
Cadmium	ND		0.0500	0.0536		mg/L		107	75 - 125	7	20	
Chromium	ND		0.100	0.116		mg/L		113	75 - 125	6	20	
Cobalt	ND		0.0500	0.0557		mg/L		110	75 - 125	6	20	

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: 680-218073-4 MSD
Matrix: Ground Water
Analysis Batch: 730465

Client Sample ID: GWC-4
Prep Type: Total/NA
Prep Batch: 730236

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Copper	ND		0.100	0.114		mg/L		114	75 - 125	5	20
Lead	ND		0.505	0.549		mg/L		109	75 - 125	7	20
Nickel	ND		0.0990	0.118		mg/L		114	75 - 125	6	20
Selenium	ND		0.100	0.0983		mg/L		98	75 - 125	2	20
Silver	ND		0.0500	0.0545		mg/L		109	75 - 125	7	20
Thallium	ND		0.0500	0.0554		mg/L		111	75 - 125	7	20
Vanadium	ND		0.0998	0.110		mg/L		111	75 - 125	8	20
Zinc	ND		0.100	0.125		mg/L		108	75 - 125	3	20

Lab Sample ID: MB 680-730443/1-A
Matrix: Water
Analysis Batch: 730932

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730443

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Arsenic	ND		0.0030		mg/L		07/13/22 10:15	07/14/22 18:57	1
Arsenic, Dissolved	ND		0.0030		mg/L		07/13/22 10:15	07/14/22 18:57	1
Barium	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Barium, Dissolved	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Beryllium	ND		0.00050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Cadmium	ND		0.00050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Cadmium, Dissolved	ND		0.00050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Chromium	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Chromium, Dissolved	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Cobalt	ND		0.00050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Copper	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Lead	ND		0.0025		mg/L		07/13/22 10:15	07/14/22 18:57	1
Lead, Dissolved	ND		0.0025		mg/L		07/13/22 10:15	07/14/22 18:57	1
Nickel	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Nickel, Dissolved	ND		0.0050		mg/L		07/13/22 10:15	07/14/22 18:57	1
Selenium	ND		0.040		mg/L		07/13/22 10:15	07/14/22 18:57	1
Silver	ND		0.0010		mg/L		07/13/22 10:15	07/14/22 18:57	1
Silver, Dissolved	ND		0.0010		mg/L		07/13/22 10:15	07/14/22 18:57	1
Thallium	ND		0.0010		mg/L		07/13/22 10:15	07/14/22 18:57	1
Vanadium	ND		0.010		mg/L		07/13/22 10:15	07/14/22 18:57	1
Zinc	ND		0.020		mg/L		07/13/22 10:15	07/14/22 18:57	1
Zinc, Dissolved	ND		0.020		mg/L		07/13/22 10:15	07/14/22 18:57	1

Lab Sample ID: LCS 680-730443/2-A
Matrix: Water
Analysis Batch: 730932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730443

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
Antimony	0.0500	0.0503		mg/L		101	80 - 120
Arsenic	0.100	0.101		mg/L		101	80 - 120
Arsenic, Dissolved	0.100	0.101		mg/L		101	80 - 120
Barium	0.100	0.0988		mg/L		99	80 - 120
Barium, Dissolved	0.100	0.0988		mg/L		99	80 - 120
Beryllium	0.0500	0.0504		mg/L		101	80 - 120

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

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

Lab Sample ID: LCS 680-730443/2-A
Matrix: Water
Analysis Batch: 730932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730443

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Cadmium	0.0500	0.0490		mg/L		98	80 - 120	
Cadmium, Dissolved	0.0500	0.0490		mg/L		98	80 - 120	
Chromium	0.100	0.106		mg/L		106	80 - 120	
Chromium, Dissolved	0.100	0.106		mg/L		106	80 - 120	
Cobalt	0.0500	0.0487		mg/L		97	80 - 120	
Copper	0.100	0.109		mg/L		109	80 - 120	
Lead	0.505	0.551		mg/L		109	80 - 120	
Lead, Dissolved	0.505	0.551		mg/L		109	80 - 120	
Nickel	0.0990	0.101		mg/L		102	80 - 120	
Nickel, Dissolved	0.0990	0.101		mg/L		102	80 - 120	
Selenium	0.100	0.101		mg/L		100	80 - 120	
Silver	0.0500	0.0481		mg/L		96	80 - 120	
Silver, Dissolved	0.0500	0.0481		mg/L		96	80 - 120	
Thallium	0.0500	0.0503		mg/L		101	80 - 120	
Vanadium	0.0998	0.0989		mg/L		99	80 - 120	
Zinc	0.100	0.103		mg/L		103	80 - 120	
Zinc, Dissolved	0.100	0.103		mg/L		103	80 - 120	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-730266/1-A
Matrix: Water
Analysis Batch: 730512

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730266

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00050		mg/L		07/12/22 12:58	07/13/22 13:25	1

Lab Sample ID: LCS 680-730266/2-A
Matrix: Water
Analysis Batch: 730512

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730266

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Mercury	0.00250	0.00231		mg/L		92	80 - 120	

Method: 335.4-1993 R1.0 - Cyanide, Total

Lab Sample ID: MB 680-730845/12-A
Matrix: Water
Analysis Batch: 730987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730845

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cyanide, Total	ND		0.010		mg/L		07/15/22 09:26	07/15/22 17:11	1

Lab Sample ID: LCS 680-730845/13-A
Matrix: Water
Analysis Batch: 730987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Cyanide, Total	0.0500	0.0509		mg/L		102	90 - 110	

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QC Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Method: 5220D-2011 - Chemical Oxygen Demand

Lab Sample ID: MB 680-731009/3
Matrix: Water
Analysis Batch: 731009

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	ND		10		mg/L			07/16/22 11:16	1

Lab Sample ID: LCS 680-731009/4
Matrix: Water
Analysis Batch: 731009

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	50.0	45.9		mg/L		92	90 - 110

Method: 5310 B-2011 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-730230/3
Matrix: Water
Analysis Batch: 730230

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0		mg/L			07/09/22 19:20	1

Lab Sample ID: LCS 680-730230/4
Matrix: Water
Analysis Batch: 730230

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	20.0	20.2		mg/L		101	80 - 120
TOC Result 1	20.0	20.3		mg/L		101	80 - 120
TOC Result 2	20.0	20.1		mg/L		100	80 - 120
TOC Result 3	20.0	20.3		mg/L		101	80 - 120
TOC Result 4	20.0	19.9		mg/L		100	80 - 120

Lab Sample ID: LCSD 680-730230/5
Matrix: Water
Analysis Batch: 730230

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	20.0	19.9		mg/L		99	80 - 120	2	25
TOC Result 1	20.0	19.8		mg/L		99	80 - 120	2	25
TOC Result 2	20.0	20.0		mg/L		100	80 - 120	0	25
TOC Result 3	20.0	19.9		mg/L		100	80 - 120	2	25
TOC Result 4	20.0	19.8		mg/L		99	80 - 120	1	25

QC Association Summary

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

GC/MS VOA

Analysis Batch: 730426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-1	GWC-1	Total/NA	Ground Water	8260D	
680-218073-2	GWC-2	Total/NA	Ground Water	8260D	
680-218073-3	GWC-3	Total/NA	Ground Water	8260D	
680-218073-4	GWC-4	Total/NA	Ground Water	8260D	
680-218073-5	GWC-5	Total/NA	Ground Water	8260D	
680-218073-6	GWC-6	Total/NA	Ground Water	8260D	
680-218073-7	GWC-7	Total/NA	Ground Water	8260D	
680-218073-8	GWC-7A	Total/NA	Ground Water	8260D	
680-218073-9	GWC-8	Total/NA	Ground Water	8260D	
680-218073-10	GWC-9	Total/NA	Ground Water	8260D	
680-218073-11	GWC-10D	Total/NA	Ground Water	8260D	
680-218073-12	GWC-11	Total/NA	Ground Water	8260D	
680-218073-13	GWC-13R	Total/NA	Ground Water	8260D	
680-218073-14	GWC-14R	Total/NA	Ground Water	8260D	
680-218073-15	GWC-15	Total/NA	Ground Water	8260D	
MB 680-730426/10	Method Blank	Total/NA	Water	8260D	
LCS 680-730426/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-730426/7	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 730583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-22	GWC-22	Total/NA	Ground Water	8260D	
680-218073-23	GWC-23	Total/NA	Ground Water	8260D	
680-218073-24	GWC-24	Total/NA	Ground Water	8260D	
680-218073-25	GWC-25	Total/NA	Ground Water	8260D	
680-218073-26	GWC-26	Total/NA	Ground Water	8260D	
MB 680-730583/9	Method Blank	Total/NA	Water	8260D	
LCS 680-730583/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-730583/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 730651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-18	GWC-18	Total/NA	Ground Water	8260D	
680-218073-19	GWC-19	Total/NA	Ground Water	8260D	
680-218073-21	GWC-21	Total/NA	Ground Water	8260D	
680-218073-30	Field Blank	Total/NA	Water	8260D	
680-218073-32	SWC-1	Total/NA	Surface Water	8260D	
680-218073-33	SWC-2	Total/NA	Surface Water	8260D	
680-218073-35	SWC-6	Total/NA	Surface Water	8260D	
680-218073-36	SWC-7	Total/NA	Surface Water	8260D	
680-218073-37	SWC-8	Total/NA	Surface Water	8260D	
680-218073-39	SWC-10	Total/NA	Surface Water	8260D	
MB 680-730651/9	Method Blank	Total/NA	Water	8260D	
LCS 680-730651/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-730651/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 730660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-16	GWC-16	Total/NA	Ground Water	8260D	
680-218073-17	GWC-17	Total/NA	Ground Water	8260D	
680-218073-20	GWC-20	Total/NA	Ground Water	8260D	



QC Association Summary

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

GC/MS VOA (Continued)

Analysis Batch: 730660 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-27	GWC-27	Total/NA	Ground Water	8260D	
680-218073-28	GWC-28	Total/NA	Ground Water	8260D	
680-218073-29	GWC-29	Total/NA	Ground Water	8260D	
680-218073-34	SWC-5	Total/NA	Surface Water	8260D	
MB 680-730660/8	Method Blank	Total/NA	Water	8260D	
LCS 680-730660/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-730660/5	Lab Control Sample Dup	Total/NA	Water	8260D	

HPLC/IC

Analysis Batch: 730631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-31	SWA-1	Total/NA	Surface Water	9056A	
680-218073-38	SWC-9	Total/NA	Surface Water	9056A	
MB 680-730631/2	Method Blank	Total/NA	Water	9056A	
LCS 680-730631/3	Lab Control Sample	Total/NA	Water	9056A	
LCSD 680-730631/4	Lab Control Sample Dup	Total/NA	Water	9056A	

Metals

Prep Batch: 730221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-1	GWC-1	Total/NA	Ground Water	3010A	
680-218073-6	GWC-6	Total/NA	Ground Water	3010A	
680-218073-10	GWC-9	Total/NA	Ground Water	3010A	
680-218073-12	GWC-11	Total/NA	Ground Water	3010A	
680-218073-22	GWC-22	Total/NA	Ground Water	3010A	
680-218073-23	GWC-23	Total/NA	Ground Water	3010A	
680-218073-24	GWC-24	Total/NA	Ground Water	3010A	
680-218073-25	GWC-25	Total/NA	Ground Water	3010A	
680-218073-26	GWC-26	Total/NA	Ground Water	3010A	
680-218073-27	GWC-27	Total/NA	Ground Water	3010A	
680-218073-28	GWC-28	Total/NA	Ground Water	3010A	
680-218073-34	SWC-5	Total/NA	Surface Water	3010A	
680-218073-38	SWC-9	Dissolved	Surface Water	3010A	
680-218073-38	SWC-9	Total/NA	Surface Water	3010A	
MB 680-730221/1-A	Method Blank	Total/NA	Water	3010A	
LCS 680-730221/2-A	Lab Control Sample	Total/NA	Water	3010A	

Prep Batch: 730236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-2	GWC-2	Total/NA	Ground Water	3010A	
680-218073-3	GWC-3	Total/NA	Ground Water	3010A	
680-218073-4	GWC-4	Total/NA	Ground Water	3010A	
680-218073-5	GWC-5	Total/NA	Ground Water	3010A	
680-218073-7	GWC-7	Total/NA	Ground Water	3010A	
680-218073-8	GWC-7A	Total/NA	Ground Water	3010A	
680-218073-9	GWC-8	Total/NA	Ground Water	3010A	
680-218073-11	GWC-10D	Total/NA	Ground Water	3010A	
680-218073-13	GWC-13R	Total/NA	Ground Water	3010A	
680-218073-14	GWC-14R	Total/NA	Ground Water	3010A	
680-218073-15	GWC-15	Total/NA	Ground Water	3010A	

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QC Association Summary

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Metals (Continued)

Prep Batch: 730236 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-16	GWC-16	Total/NA	Ground Water	3010A	
680-218073-17	GWC-17	Total/NA	Ground Water	3010A	
680-218073-18	GWC-18	Total/NA	Ground Water	3010A	
680-218073-19	GWC-19	Total/NA	Ground Water	3010A	
680-218073-20	GWC-20	Total/NA	Ground Water	3010A	
680-218073-21	GWC-21	Total/NA	Ground Water	3010A	
680-218073-29	GWC-29	Total/NA	Ground Water	3010A	
680-218073-30	Field Blank	Total/NA	Water	3010A	
680-218073-35	SWC-6	Total/NA	Surface Water	3010A	
MB 680-730236/1-A	Method Blank	Total/NA	Water	3010A	
LCS 680-730236/2-A	Lab Control Sample	Total/NA	Water	3010A	
680-218073-4 MS	GWC-4	Total/NA	Ground Water	3010A	
680-218073-4 MSD	GWC-4	Total/NA	Ground Water	3010A	

Prep Batch: 730266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-31	SWA-1	Total/NA	Surface Water	7470A	
680-218073-38	SWC-9	Total/NA	Surface Water	7470A	
MB 680-730266/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-730266/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 730443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-31	SWA-1	Dissolved	Surface Water	3010A	
680-218073-31	SWA-1	Total/NA	Surface Water	3010A	
680-218073-32	SWC-1	Total/NA	Surface Water	3010A	
680-218073-33	SWC-2	Total/NA	Surface Water	3010A	
680-218073-36	SWC-7	Total/NA	Surface Water	3010A	
680-218073-37	SWC-8	Total/NA	Surface Water	3010A	
680-218073-39	SWC-10	Total/NA	Surface Water	3010A	
MB 680-730443/1-A	Method Blank	Total/NA	Water	3010A	
LCS 680-730443/2-A	Lab Control Sample	Total/NA	Water	3010A	

Analysis Batch: 730465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-1	GWC-1	Total/NA	Ground Water	6020A	730221
680-218073-2	GWC-2	Total/NA	Ground Water	6020A	730236
680-218073-3	GWC-3	Total/NA	Ground Water	6020A	730236
680-218073-4	GWC-4	Total/NA	Ground Water	6020A	730236
680-218073-5	GWC-5	Total/NA	Ground Water	6020A	730236
680-218073-6	GWC-6	Total/NA	Ground Water	6020A	730221
680-218073-7	GWC-7	Total/NA	Ground Water	6020A	730236
680-218073-8	GWC-7A	Total/NA	Ground Water	6020A	730236
680-218073-9	GWC-8	Total/NA	Ground Water	6020A	730236
680-218073-10	GWC-9	Total/NA	Ground Water	6020A	730221
680-218073-11	GWC-10D	Total/NA	Ground Water	6020A	730236
680-218073-12	GWC-11	Total/NA	Ground Water	6020A	730221
680-218073-13	GWC-13R	Total/NA	Ground Water	6020A	730236
680-218073-14	GWC-14R	Total/NA	Ground Water	6020A	730236
680-218073-15	GWC-15	Total/NA	Ground Water	6020A	730236
680-218073-16	GWC-16	Total/NA	Ground Water	6020A	730236

QC Association Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Metals (Continued)

Analysis Batch: 730465 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-17	GWC-17	Total/NA	Ground Water	6020A	730236
680-218073-18	GWC-18	Total/NA	Ground Water	6020A	730236
680-218073-19	GWC-19	Total/NA	Ground Water	6020A	730236
680-218073-20	GWC-20	Total/NA	Ground Water	6020A	730236
680-218073-21	GWC-21	Total/NA	Ground Water	6020A	730236
680-218073-22	GWC-22	Total/NA	Ground Water	6020A	730221
680-218073-23	GWC-23	Total/NA	Ground Water	6020A	730221
680-218073-24	GWC-24	Total/NA	Ground Water	6020A	730221
680-218073-25	GWC-25	Total/NA	Ground Water	6020A	730221
680-218073-26	GWC-26	Total/NA	Ground Water	6020A	730221
680-218073-27	GWC-27	Total/NA	Ground Water	6020A	730221
680-218073-28	GWC-28	Total/NA	Ground Water	6020A	730221
680-218073-29	GWC-29	Total/NA	Ground Water	6020A	730236
680-218073-30	Field Blank	Total/NA	Water	6020A	730236
680-218073-34	SWC-5	Total/NA	Surface Water	6020A	730221
680-218073-35	SWC-6	Total/NA	Surface Water	6020A	730236
680-218073-38	SWC-9	Dissolved	Surface Water	6020A	730221
680-218073-38	SWC-9	Total/NA	Surface Water	6020A	730221
MB 680-730221/1-A	Method Blank	Total/NA	Water	6020A	730221
MB 680-730236/1-A	Method Blank	Total/NA	Water	6020A	730236
LCS 680-730221/2-A	Lab Control Sample	Total/NA	Water	6020A	730221
LCS 680-730236/2-A	Lab Control Sample	Total/NA	Water	6020A	730236
680-218073-4 MS	GWC-4	Total/NA	Ground Water	6020A	730236
680-218073-4 MSD	GWC-4	Total/NA	Ground Water	6020A	730236

Analysis Batch: 730512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-31	SWA-1	Total/NA	Surface Water	7470A	730266
680-218073-38	SWC-9	Total/NA	Surface Water	7470A	730266
MB 680-730266/1-A	Method Blank	Total/NA	Water	7470A	730266
LCS 680-730266/2-A	Lab Control Sample	Total/NA	Water	7470A	730266

Analysis Batch: 730932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-31	SWA-1	Dissolved	Surface Water	6020A	730443
680-218073-31	SWA-1	Total/NA	Surface Water	6020A	730443
680-218073-32	SWC-1	Total/NA	Surface Water	6020A	730443
680-218073-33	SWC-2	Total/NA	Surface Water	6020A	730443
680-218073-36	SWC-7	Total/NA	Surface Water	6020A	730443
680-218073-37	SWC-8	Total/NA	Surface Water	6020A	730443
680-218073-39	SWC-10	Total/NA	Surface Water	6020A	730443
MB 680-730443/1-A	Method Blank	Total/NA	Water	6020A	730443
LCS 680-730443/2-A	Lab Control Sample	Total/NA	Water	6020A	730443

General Chemistry

Analysis Batch: 730230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-31	SWA-1	Total/NA	Surface Water	5310 B-2011	
680-218073-38	SWC-9	Total/NA	Surface Water	5310 B-2011	
MB 680-730230/3	Method Blank	Total/NA	Water	5310 B-2011	

QC Association Summary

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

General Chemistry (Continued)

Analysis Batch: 730230 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-730230/4	Lab Control Sample	Total/NA	Water	5310 B-2011	
LCSD 680-730230/5	Lab Control Sample Dup	Total/NA	Water	5310 B-2011	

Prep Batch: 730845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-31	SWA-1	Total/NA	Surface Water	Distill/CN	
680-218073-38	SWC-9	Total/NA	Surface Water	Distill/CN	
MB 680-730845/12-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 680-730845/13-A	Lab Control Sample	Total/NA	Water	Distill/CN	

Analysis Batch: 730987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-31	SWA-1	Total/NA	Surface Water	335.4-1993 R1.0	730845
680-218073-38	SWC-9	Total/NA	Surface Water	335.4-1993 R1.0	730845
MB 680-730845/12-A	Method Blank	Total/NA	Water	335.4-1993 R1.0	730845
LCS 680-730845/13-A	Lab Control Sample	Total/NA	Water	335.4-1993 R1.0	730845

Analysis Batch: 731009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218073-31	SWA-1	Total/NA	Surface Water	5220D-2011	
680-218073-38	SWC-9	Total/NA	Surface Water	5220D-2011	
MB 680-731009/3	Method Blank	Total/NA	Water	5220D-2011	
LCS 680-731009/4	Lab Control Sample	Total/NA	Water	5220D-2011	



Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-1

Lab Sample ID: 680-218073-1

Date Collected: 07/06/22 10:21

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 17:36	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:50	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-2

Lab Sample ID: 680-218073-2

Date Collected: 07/06/22 13:28

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 17:55	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:10	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-3

Lab Sample ID: 680-218073-3

Date Collected: 07/06/22 11:08

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 18:14	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 20:57	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-4

Lab Sample ID: 680-218073-4

Date Collected: 07/06/22 11:38

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 18:33	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 20:42	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-5

Lab Sample ID: 680-218073-5

Date Collected: 07/06/22 12:05

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 18:53	Y1S	TAL SAV
Instrument ID: CMSC										

Eurofins Savannah

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-5

Date Collected: 07/06/22 12:05

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-5

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 20:49	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-6

Date Collected: 07/05/22 10:19

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-6

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 19:12	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:12	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-7

Date Collected: 07/07/22 12:16

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-7

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 19:31	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:13	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-7A

Date Collected: 07/07/22 13:03

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-8

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 19:51	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:38	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-8

Date Collected: 07/06/22 12:45

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-9

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 20:10	Y1S	TAL SAV
Instrument ID: CMSC										

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-8

Date Collected: 07/06/22 12:45

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-9

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 20:52	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-9

Date Collected: 07/05/22 11:02

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-10

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 20:29	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:14	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-10D

Date Collected: 07/07/22 12:10

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-11

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 20:48	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:15	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-11

Date Collected: 07/05/22 13:49

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-12

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 21:08	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:17	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-13R

Date Collected: 07/07/22 13:05

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-13

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 21:27	Y1S	TAL SAV
Instrument ID: CMSC										

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-13R

Lab Sample ID: 680-218073-13

Date Collected: 07/07/22 13:05

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:18	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-14R

Lab Sample ID: 680-218073-14

Date Collected: 07/07/22 11:49

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 21:46	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:28	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-15

Lab Sample ID: 680-218073-15

Date Collected: 07/06/22 14:33

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730426	07/13/22 22:05	Y1S	TAL SAV
Instrument ID: CMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 20:55	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-16

Lab Sample ID: 680-218073-16

Date Collected: 07/07/22 11:20

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730660	07/14/22 18:26	UI	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:20	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-17

Lab Sample ID: 680-218073-17

Date Collected: 07/07/22 11:06

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730660	07/14/22 18:49	UI	TAL SAV
Instrument ID: CMSAB										

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-17

Lab Sample ID: 680-218073-17

Date Collected: 07/07/22 11:06

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:23	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-18

Lab Sample ID: 680-218073-18

Date Collected: 07/07/22 11:38

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730651	07/14/22 17:22	UI	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:25	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-19

Lab Sample ID: 680-218073-19

Date Collected: 07/07/22 10:11

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730651	07/14/22 17:46	UI	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:30	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-20

Lab Sample ID: 680-218073-20

Date Collected: 07/06/22 10:18

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730660	07/14/22 19:13	UI	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:00	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-21

Lab Sample ID: 680-218073-21

Date Collected: 07/07/22 10:50

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730651	07/14/22 18:11	UI	TAL SAV
Instrument ID: CMSU										

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-21

Lab Sample ID: 680-218073-21

Date Collected: 07/07/22 10:50

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:41	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-22

Lab Sample ID: 680-218073-22

Date Collected: 07/05/22 10:57

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730583	07/14/22 14:01	UI	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:20	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-23

Lab Sample ID: 680-218073-23

Date Collected: 07/05/22 11:32

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730583	07/14/22 15:00	UI	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:22	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-24

Lab Sample ID: 680-218073-24

Date Collected: 07/05/22 12:04

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730583	07/14/22 15:20	UI	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:30	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-25

Lab Sample ID: 680-218073-25

Date Collected: 07/05/22 12:40

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730583	07/14/22 15:40	UI	TAL SAV
Instrument ID: CMSB										

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-25

Lab Sample ID: 680-218073-25

Date Collected: 07/05/22 12:40

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:32	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-26

Lab Sample ID: 680-218073-26

Date Collected: 07/05/22 13:14

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730583	07/14/22 16:00	UI	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:35	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-27

Lab Sample ID: 680-218073-27

Date Collected: 07/05/22 11:32

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730660	07/14/22 19:36	UI	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:38	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-28

Lab Sample ID: 680-218073-28

Date Collected: 07/05/22 10:06

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730660	07/14/22 19:59	UI	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:40	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-29

Lab Sample ID: 680-218073-29

Date Collected: 07/06/22 11:02

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730660	07/14/22 20:22	UI	TAL SAV
Instrument ID: CMSAB										

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: GWC-29

Lab Sample ID: 680-218073-29

Date Collected: 07/06/22 11:02

Matrix: Ground Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:07	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: Field Blank

Lab Sample ID: 680-218073-30

Date Collected: 07/07/22 13:35

Matrix: Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730651	07/14/22 14:56	UI	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:43	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWA-1

Lab Sample ID: 680-218073-31

Date Collected: 07/08/22 11:16

Matrix: Surface Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1	5 mL	5 mL	730631	07/14/22 19:34	UI	TAL SAV
Instrument ID: CICH										
Dissolved	Prep	3010A			50 mL	250 mL	730443	07/13/22 10:15	JE	TAL SAV
Dissolved	Analysis	6020A		1			730932	07/14/22 19:40	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Prep	3010A			50 mL	250 mL	730443	07/13/22 10:15	JE	TAL SAV
Total/NA	Analysis	6020A		1			730932	07/14/22 19:29	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Prep	7470A			50 mL	50 mL	730266	07/12/22 12:58	BCB	TAL SAV
Total/NA	Analysis	7470A		1			730512	07/13/22 14:04	BCB	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	Distill/CN			6 mL	6 mL	730845	07/15/22 09:26	JAS	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0		1			730987	07/15/22 17:26	JAS	TAL SAV
Instrument ID: KONELAB4										
Total/NA	Analysis	5220D-2011		1	2 mL	2 mL	731009	07/16/22 11:16	ALG	TAL SAV
Instrument ID: SPC7										
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	730230	07/09/22 22:19	JU	TAL SAV
Instrument ID: TOC8										

Client Sample ID: SWC-1

Lab Sample ID: 680-218073-32

Date Collected: 07/08/22 10:46

Matrix: Surface Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730651	07/14/22 18:35	UI	TAL SAV
Instrument ID: CMSU										

Eurofins Savannah

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-1

Date Collected: 07/08/22 10:46

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-32

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	250 mL	730443	07/13/22 10:15	JE	TAL SAV
Total/NA	Analysis	6020A		1			730932	07/14/22 19:58	BWR	TAL SAV
Instrument ID: ICPMSC										

Client Sample ID: SWC-2

Date Collected: 07/08/22 11:54

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-33

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730651	07/14/22 19:00	UI	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	730443	07/13/22 10:15	JE	TAL SAV
Total/NA	Analysis	6020A		1			730932	07/14/22 19:44	BWR	TAL SAV
Instrument ID: ICPMSC										

Client Sample ID: SWC-5

Date Collected: 07/05/22 12:54

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-34

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730660	07/14/22 20:45	UI	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:43	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWC-6

Date Collected: 07/08/22 10:06

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-35

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730651	07/14/22 19:24	UI	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	730236	07/12/22 10:12	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 21:46	BWR	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWC-7

Date Collected: 07/08/22 11:46

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-36

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730651	07/14/22 19:49	UI	TAL SAV
Instrument ID: CMSU										

Eurofins Savannah

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-7

Date Collected: 07/08/22 11:46

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-36

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	250 mL	730443	07/13/22 10:15	JE	TAL SAV
Total/NA	Analysis	6020A		1			730932	07/14/22 19:47	BWR	TAL SAV
Instrument ID: ICPMSC										

Client Sample ID: SWC-8

Date Collected: 07/08/22 10:58

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-37

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730651	07/14/22 20:13	UI	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	730443	07/13/22 10:15	JE	TAL SAV
Total/NA	Analysis	6020A		1			730932	07/14/22 19:51	BWR	TAL SAV
Instrument ID: ICPMSC										

Client Sample ID: SWC-9

Date Collected: 07/05/22 13:37

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-38

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1	5 mL	5 mL	730631	07/14/22 19:46	UI	TAL SAV
Instrument ID: CICH										
Dissolved	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Dissolved	Analysis	6020A		1			730465	07/12/22 19:48	BWR	TAL SAV
Instrument ID: ICPMSD										
Total/NA	Prep	3010A			50 mL	250 mL	730221	07/12/22 09:26	JE	TAL SAV
Total/NA	Analysis	6020A		1			730465	07/12/22 19:45	BWR	TAL SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	730266	07/12/22 12:58	BCB	TAL SAV
Total/NA	Analysis	7470A		1			730512	07/13/22 14:07	BCB	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	Distill/CN			6 mL	6 mL	730845	07/15/22 09:26	JAS	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0		1			730987	07/15/22 17:26	JAS	TAL SAV
Instrument ID: KONELAB4										
Total/NA	Analysis	5220D-2011		1	2 mL	2 mL	731009	07/16/22 11:16	ALG	TAL SAV
Instrument ID: SPC7										
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	730230	07/09/22 22:35	JU	TAL SAV
Instrument ID: TOC8										

Client Sample ID: SWC-10

Date Collected: 07/08/22 10:28

Date Received: 07/09/22 08:15

Lab Sample ID: 680-218073-39

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730651	07/14/22 20:38	UI	TAL SAV
Instrument ID: CMSU										

Eurofins Savannah

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Client Sample ID: SWC-10

Lab Sample ID: 680-218073-39

Date Collected: 07/08/22 10:28

Matrix: Surface Water

Date Received: 07/09/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	250 mL	730443	07/13/22 10:15	JE	TAL SAV
Total/NA	Analysis	6020A		1			730932	07/14/22 19:54	BWR	TAL SAV

Instrument ID: ICPMSC

Laboratory References:

TAL SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

- 1
- 2
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Accreditation/Certification Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Georgia	State	E87052	06-30-22 *

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

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218073-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL SAV
9056A	Anions, Ion Chromatography	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
335.4-1993 R1.0	Cyanide, Total	MCAWW	TAL SAV
5220D-2011	Chemical Oxygen Demand	SM	TAL SAV
5310 B-2011	Organic Carbon, Total (TOC)	SM	TAL SAV
3010A	Preparation, Total Metals	SW846	TAL SAV
5030B	Purge and Trap	SW846	TAL SAV
7470A	Preparation, Mercury	SW846	TAL SAV
Distill/CN	Distillation, Cyanide	None	TAL SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

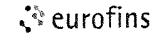
Laboratory References:

TAL SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins TestAmerica Savannah

5102 LaRoche Avenue
Savannah GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record



Client Information		Sampler: <u>N Walker/Dauter</u>		Lab PM: <u>John Andros</u>		Carrier Tracking No(s)		COC No:																									
Client Contact: <u>Mr Scott Mann</u>		Phone: <u>(4) 909-5781</u>		E-Mail: <u>john.andros@eurofinset.com</u>				Page: <u>3</u> of <u>4</u>																									
Company: <u>GFL Environmental</u>		Due Date Requested		Analysis Requested				Job #:																									
Address: <u>8880 Old Federal Rd</u>		TAT Requested (days): <u>Standard</u>						Preservation Codes:																									
City: <u>Ball Ground</u>		PO #:						A - HCL M - Hexane																									
State Zip: <u>GA 30107</u>		WO #:						B - NaOH N - None																									
Phone: <u>678-341-7140</u>		Project #:						C - Zn Acetate O - AsNaO2																									
Email: <u>scott.mann@gflenv.com</u>								D - Nitric Acid P - Na2O4S																									
Project Name: <u>Eagle Point Landfill</u>								E - NaHSO4 Q - Na2SO3																									
Site:								F - MeOH R - Na2S2SO3																									
								G - Amchlor S - H2SO4																									
								H - Ascorbic Acid T - TSP Dodecahydrate																									
								I - Ice U - Acetone																									
								J - DI Water V - MCAA																									
								K EDTA W ph 4-5																									
								L EDA Z - other (specify)																									
								Other:																									
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		GA Appendix I VOCs (8260)		GA Appendix I Metals		Chloride		COD		TOC		Cyanide		Metals (Hg, Se)		Dissolved Metals (As, Ba, Cd, Cr, Pb, Ni, Ag, Zn)		Total Number of containers		Special Instructions/Note	
						Preservation Code:																											
<u>GWC-23</u>		<u>7/5/22</u>		<u>1132</u>		<u>G</u>		<u>GW</u>						<u>3</u>		<u>1</u>																	
<u>GWC-24</u>		<u>7/5</u>		<u>1204</u>		<u>G</u>		<u>GW</u>						<u>3</u>		<u>1</u>																	
<u>GWC-25</u>		<u>7/5</u>		<u>1240</u>		<u>G</u>		<u>GW</u>						<u>3</u>		<u>1</u>																	
<u>GWC-26</u>		<u>7/5</u>		<u>1314</u>		<u>G</u>		<u>GW</u>						<u>3</u>		<u>1</u>																	
<u>GWC-27</u>		<u>7/5</u>		<u>1132</u>		<u>G</u>		<u>GW</u>						<u>3</u>		<u>1</u>																	
<u>GWC-28</u>		<u>7/5</u>		<u>1006</u>		<u>G</u>		<u>GW</u>						<u>3</u>		<u>1</u>																	
<u>GWC-29</u>		<u>7/6</u>		<u>1102</u>		<u>G</u>		<u>GW</u>						<u>3</u>		<u>1</u>																	
<u>Field Blank</u>		<u>7/7</u>		<u>1335</u>		<u>G</u>		<u>W</u>						<u>3</u>		<u>1</u>																	
<u>Trip Blank</u>		<u>7/5</u>		<u>0800</u>		<u>W</u>		<u>W</u>						<u>2</u>																			
<u>SWA-1</u>		<u>7/8</u>		<u>1116</u>		<u>G</u>		<u>SW</u>										<u>1</u>		<u>1</u>		<u>2</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>			
<u>SWC-1</u>		<u>7/8</u>		<u>1046</u>		<u>G</u>		<u>SW</u>						<u>3</u>		<u>1</u>																	

244-ATLANTA

Page 126 of 128

7/18/2022



Login Sample Receipt Checklist

Client: GFL Environmental

Job Number: 680-218073-1

Login Number: 218073

List Number: 1

Creator: Padayao, Abigail

List Source: Eurofins Savannah

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

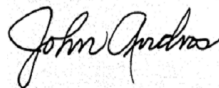
ANALYTICAL REPORT

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-218047-1
Client Project/Site: Eagle Point Landfill

For:
GFL Environmental
6905 Roosevelt Hwy
Fairburn, Georgia 30213

Attn: Robert Heller



Authorized for release by:
7/18/2022 3:57:06 PM

John Andros, Project Manager I
(404)944-4744

John.Andros@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

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

Sample Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-218047-1	GWA-1	Ground Water	07/06/22 09:45	07/08/22 08:00
680-218047-2	GWA-2	Ground Water	07/06/22 12:09	07/08/22 08:00
680-218047-3	GWC-12R	Ground Water	07/05/22 11:40	07/08/22 08:00
680-218047-4	Trip Blank	Water	07/05/22 00:00	07/08/22 08:00

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Case Narrative

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Job ID: 680-218047-1

Laboratory: Eurofins Savannah

Narrative

**Job Narrative
680-218047-1**

Comments

No additional comments.

Receipt

The samples were received on 7/8/2022 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.8° C and 4.1° C.

GC/MS VOA

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

GC/MS Semi VOA

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

GC Semi VOA

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

Metals

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

General Chemistry

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

Organic Prep

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



Detection Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-1

Lab Sample ID: 680-218047-1

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Sulfide	2.7		0.83		mg/L	1		4500 S2 F-2011	Total/NA

Client Sample ID: GWA-2

Lab Sample ID: 680-218047-2

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Sulfide	2.8		0.81		mg/L	1		4500 S2 F-2011	Total/NA

Client Sample ID: GWC-12R

Lab Sample ID: 680-218047-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.3		2.0		ug/L	1		8260C	Total/NA
Barium	0.13		0.020		mg/L	1		6020A	Total Recoverable
Cobalt	0.12		0.0060		mg/L	1		6020A	Total Recoverable
Nickel	0.029		0.020		mg/L	1		6020A	Total Recoverable
Zinc	0.020		0.020		mg/L	1		6020A	Total Recoverable
Sulfide	2.6		0.83		mg/L	1		4500 S2 F-2011	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 680-218047-4

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-1

Lab Sample ID: 680-218047-1

Date Collected: 07/06/22 09:45

Matrix: Ground Water

Date Received: 07/08/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 18:39	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 18:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 18:39	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 18:39	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 18:39	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 18:39	1
1,1-Dichloropropene	ND		2.0		ug/L			07/13/22 18:39	1
1,2,3-Trichloropropane	ND		2.0		ug/L			07/13/22 18:39	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 18:39	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 18:39	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 18:39	1
1,3-Dichlorobenzene	ND		10		ug/L			07/13/22 18:39	1
1,3-Dichloropropane	ND		2.0		ug/L			07/13/22 18:39	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 18:39	1
2,2-Dichloropropane	ND		2.0		ug/L			07/13/22 18:39	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 18:39	1
2-Chloro-1,3-butadiene	ND		5.0		ug/L			07/13/22 18:39	1
2-Hexanone	ND		50		ug/L			07/13/22 18:39	1
3-Chloro-1-propene	ND		5.0		ug/L			07/13/22 18:39	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 18:39	1
Acetone	ND		100		ug/L			07/13/22 18:39	1
Acetonitrile	ND		40		ug/L			07/13/22 18:39	1
Acrolein	ND		50		ug/L			07/13/22 18:39	1
Acrylonitrile	ND		50		ug/L			07/13/22 18:39	1
Benzene	ND		2.0		ug/L			07/13/22 18:39	1
Bromoform	ND		10		ug/L			07/13/22 18:39	1
Bromomethane	ND		10		ug/L			07/13/22 18:39	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 18:39	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 18:39	1
Chlorobenzene	ND		10		ug/L			07/13/22 18:39	1
Chlorobromomethane	ND		10		ug/L			07/13/22 18:39	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 18:39	1
Chloroethane	ND		5.0		ug/L			07/13/22 18:39	1
Chloroform	ND		2.0		ug/L			07/13/22 18:39	1
Chloromethane	ND		10		ug/L			07/13/22 18:39	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 18:39	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 18:39	1
Dibromomethane	ND		10		ug/L			07/13/22 18:39	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 18:39	1
Dichlorodifluoromethane	ND		10		ug/L			07/13/22 18:39	1
Ethyl methacrylate	ND		10		ug/L			07/13/22 18:39	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 18:39	1
Iodomethane	ND		100		ug/L			07/13/22 18:39	1
Isobutyl alcohol	ND		100		ug/L			07/13/22 18:39	1
Methacrylonitrile	ND		100		ug/L			07/13/22 18:39	1
Methyl methacrylate	ND		10		ug/L			07/13/22 18:39	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 18:39	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 18:39	1
o-Xylene	ND		5.0		ug/L			07/13/22 18:39	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-1

Lab Sample ID: 680-218047-1

Date Collected: 07/06/22 09:45

Matrix: Ground Water

Date Received: 07/08/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	ND		100		ug/L			07/13/22 18:39	1
Styrene	ND		10		ug/L			07/13/22 18:39	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 18:39	1
Toluene	ND		2.0		ug/L			07/13/22 18:39	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 18:39	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 18:39	1
trans-1,4-Dichloro-2-butene	ND		100		ug/L			07/13/22 18:39	1
Trichloroethene	ND		2.0		ug/L			07/13/22 18:39	1
Trichlorofluoromethane	ND		10		ug/L			07/13/22 18:39	1
Vinyl acetate	ND	*+	100		ug/L			07/13/22 18:39	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 18:39	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	115		70 - 130		07/13/22 18:39	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 124		07/13/22 18:39	1
Dibromofluoromethane (Surr)	111		70 - 130		07/13/22 18:39	1
4-Bromofluorobenzene (Surr)	102		70 - 130		07/13/22 18:39	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		48		ug/L		07/12/22 16:15	07/15/22 22:16	1
4-Nitrophenol	ND		48		ug/L		07/12/22 16:15	07/15/22 22:16	1
Benzyl alcohol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
N-Nitrosopiperidine	ND	*1	9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
4-Bromophenyl phenyl ether	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2,4-Dimethylphenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
N-Nitrosomethylethylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
4-Chloroaniline	ND		19		ug/L		07/12/22 16:15	07/15/22 22:16	1
p-Phenylene diamine	ND		1900		ug/L		07/12/22 16:15	07/15/22 22:16	1
bis (2-chloroisopropyl) ether	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Phenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Bis(2-chloroethyl)ether	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Bis(2-chloroethoxy)methane	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Bis(2-ethylhexyl) phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Di-n-octyl phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Hexachlorobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
3,3'-Dimethylbenzidine	ND		19		ug/L		07/12/22 16:15	07/15/22 22:16	1
Anthracene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Isosafrole	ND	*-	9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
1,2,4-Trichlorobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2,4-Dichlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2,4-Dinitrotoluene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
alpha,alpha-Dimethyl phenethylamine	ND		1900		ug/L		07/12/22 16:15	07/15/22 22:16	1
o,o',o"-Triethylphosphorothioate	ND	*1	9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Pyrene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
1,4-Naphthoquinone	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Dimethyl phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
1-Naphthylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Hexachloropropene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-1

Lab Sample ID: 680-218047-1

Date Collected: 07/06/22 09:45

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Indeno[1,2,3-cd]pyrene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Benzo[b]fluoranthene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Fluoranthene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Benzo[k]fluoranthene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Acenaphthylene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Chrysene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Diallate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Pronamide	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Thionazin	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Methyl parathion	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Phorate	ND	*+	9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Disulfoton	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Benzo[a]pyrene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2,4-Dinitrophenol	ND		48		ug/L		07/12/22 16:15	07/15/22 22:16	1
Famphur	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
4,6-Dinitro-2-methylphenol	ND		48		ug/L		07/12/22 16:15	07/15/22 22:16	1
Dibenz(a,h)anthracene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2-Acetylaminofluorene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
N-Nitrosodiethylamine	ND	*1	9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Ethyl Parathion	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
3-Methylcholanthrene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Benzo[a]anthracene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
7,12-Dimethylbenz(a)anthracene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2,3,4,6-Tetrachlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
4-Chloro-3-methylphenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
p-Dimethylamino azobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Dimethoate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2,6-Dinitrotoluene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Pentachlorobenzene	ND	*-	9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
N-Nitrosodi-n-propylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Phenacetin	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Ethyl methanesulfonate	ND	*1	9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
N-Nitrosodimethylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Methyl methanesulfonate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Hexachloroethane	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
4-Chlorophenyl phenyl ether	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Hexachlorocyclopentadiene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Isophorone	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Pentachloronitrobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Acenaphthene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Diethyl phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Di-n-butyl phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Phenanthrene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Butyl benzyl phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
N-Nitrosodiphenylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Fluorene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2,6-Dichlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Hexachlorobutadiene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-1

Lab Sample ID: 680-218047-1

Date Collected: 07/06/22 09:45

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		48		ug/L		07/12/22 16:15	07/15/22 22:16	1
2,4,6-Trichlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2-Nitroaniline	ND		48		ug/L		07/12/22 16:15	07/15/22 22:16	1
2-Nitrophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2-Methylnaphthalene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2-Chloronaphthalene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2-Naphthylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Methapyrilene	ND		1900		ug/L		07/12/22 16:15	07/15/22 22:16	1
3,3'-Dichlorobenzidine	ND		58		ug/L		07/12/22 16:15	07/15/22 22:16	1
N-Nitrosodi-n-butylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
4-Aminobiphenyl	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
N-Nitrosopyrrolidine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Safrole, Total	ND	*1 *-	9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2-Methylphenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2-Toluidine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2-Chlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
1,2,4,5-Tetrachlorobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
2,4,5-Trichlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Acetophenone	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Nitrobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
3-Nitroaniline	ND		48		ug/L		07/12/22 16:15	07/15/22 22:16	1
1,3,5-Trinitrobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
N-Nitro-o-toluidine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
1,3-Dinitrobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
Dibenzofuran	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1
3 & 4 Methylphenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	46		39 - 124	07/12/22 16:15	07/15/22 22:16	1
2-Fluorobiphenyl (Surr)	46		32 - 113	07/12/22 16:15	07/15/22 22:16	1
2-Fluorophenol (Surr)	35		26 - 109	07/12/22 16:15	07/15/22 22:16	1
Terphenyl-d14 (Surr)	68		10 - 126	07/12/22 16:15	07/15/22 22:16	1
Phenol-d5 (Surr)	37		27 - 110	07/12/22 16:15	07/15/22 22:16	1
Nitrobenzene-d5 (Surr)	44		32 - 118	07/12/22 16:15	07/15/22 22:16	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.049		ug/L		07/11/22 13:09	07/11/22 20:50	1
1,2-Dibromo-3-Chloropropane	ND		0.20		ug/L		07/11/22 13:09	07/11/22 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	113		60 - 144	07/11/22 13:09	07/11/22 20:50	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
alpha-BHC	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
beta-BHC	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
Chlordane (technical)	ND		0.48		ug/L		07/11/22 14:35	07/13/22 01:55	1
Chlorobenzilate	ND		2.9		ug/L		07/11/22 14:35	07/13/22 01:55	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-1

Lab Sample ID: 680-218047-1

Date Collected: 07/06/22 09:45

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

(Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
4,4'-DDE	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
4,4'-DDT	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
delta-BHC	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
Dieldrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
Endosulfan I	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
Endosulfan II	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
Endosulfan sulfate	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
Endrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
Endrin aldehyde	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
gamma-BHC (Lindane)	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
Heptachlor	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
Heptachlor epoxide	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
Isodrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
Kepone	ND		4.8		ug/L		07/11/22 14:35	07/13/22 01:55	1
Methoxychlor	ND		0.048		ug/L		07/11/22 14:35	07/13/22 01:55	1
PCB-1016	ND		0.96		ug/L		07/11/22 14:35	07/13/22 01:55	1
PCB-1221	ND		0.96		ug/L		07/11/22 14:35	07/13/22 01:55	1
PCB-1232	ND		0.96		ug/L		07/11/22 14:35	07/13/22 01:55	1
PCB-1242	ND		0.96		ug/L		07/11/22 14:35	07/13/22 01:55	1
PCB-1248	ND		0.96		ug/L		07/11/22 14:35	07/13/22 01:55	1
PCB-1254	ND		0.96		ug/L		07/11/22 14:35	07/13/22 01:55	1
PCB-1260	ND		0.96		ug/L		07/11/22 14:35	07/13/22 01:55	1
Toxaphene	ND		4.8		ug/L		07/11/22 14:35	07/13/22 01:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		30 - 130	07/11/22 14:35	07/13/22 01:55	1
Tetrachloro-m-xylene	50		30 - 130	07/11/22 14:35	07/13/22 01:55	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		1.1		ug/L		07/12/22 10:59	07/15/22 03:08	1
Dinoseb	ND		0.50		ug/L		07/12/22 10:59	07/15/22 03:08	1
Silvex (2,4,5-TP)	ND		0.86		ug/L		07/12/22 10:59	07/15/22 03:08	1
2,4,5-T	ND		0.86		ug/L		07/12/22 10:59	07/15/22 03:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	92		26 - 137	07/12/22 10:59	07/15/22 03:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/11/22 12:16	07/12/22 10:42	1
Arsenic	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:42	1
Barium	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:42	1
Beryllium	ND		0.0030		mg/L		07/11/22 12:16	07/12/22 10:42	1
Cadmium	ND		0.0050		mg/L		07/11/22 12:16	07/12/22 10:42	1
Chromium	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:42	1
Cobalt	ND		0.0060		mg/L		07/11/22 12:16	07/12/22 10:42	1
Copper	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:42	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-1

Lab Sample ID: 680-218047-1

Date Collected: 07/06/22 09:45

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.015		mg/L		07/11/22 12:16	07/12/22 10:42	1
Nickel	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:42	1
Selenium	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:42	1
Silver	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:42	1
Thallium	ND		0.0020		mg/L		07/11/22 12:16	07/12/22 10:42	1
Tin	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:42	1
Vanadium	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:42	1
Zinc	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		07/11/22 15:32	07/12/22 12:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/15/22 09:26	07/15/22 17:26	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	2.7		0.83		mg/L			07/12/22 10:07	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-2

Lab Sample ID: 680-218047-2

Date Collected: 07/06/22 12:09

Matrix: Ground Water

Date Received: 07/08/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 19:04	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 19:04	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 19:04	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 19:04	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 19:04	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 19:04	1
1,1-Dichloropropene	ND		2.0		ug/L			07/13/22 19:04	1
1,2,3-Trichloropropane	ND		2.0		ug/L			07/13/22 19:04	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 19:04	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 19:04	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 19:04	1
1,3-Dichlorobenzene	ND		10		ug/L			07/13/22 19:04	1
1,3-Dichloropropane	ND		2.0		ug/L			07/13/22 19:04	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 19:04	1
2,2-Dichloropropane	ND		2.0		ug/L			07/13/22 19:04	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 19:04	1
2-Chloro-1,3-butadiene	ND		5.0		ug/L			07/13/22 19:04	1
2-Hexanone	ND		50		ug/L			07/13/22 19:04	1
3-Chloro-1-propene	ND		5.0		ug/L			07/13/22 19:04	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 19:04	1
Acetone	ND		100		ug/L			07/13/22 19:04	1
Acetonitrile	ND		40		ug/L			07/13/22 19:04	1
Acrolein	ND		50		ug/L			07/13/22 19:04	1
Acrylonitrile	ND		50		ug/L			07/13/22 19:04	1
Benzene	ND		2.0		ug/L			07/13/22 19:04	1
Bromoform	ND		10		ug/L			07/13/22 19:04	1
Bromomethane	ND		10		ug/L			07/13/22 19:04	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 19:04	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 19:04	1
Chlorobenzene	ND		10		ug/L			07/13/22 19:04	1
Chlorobromomethane	ND		10		ug/L			07/13/22 19:04	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 19:04	1
Chloroethane	ND		5.0		ug/L			07/13/22 19:04	1
Chloroform	ND		2.0		ug/L			07/13/22 19:04	1
Chloromethane	ND		10		ug/L			07/13/22 19:04	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 19:04	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 19:04	1
Dibromomethane	ND		10		ug/L			07/13/22 19:04	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 19:04	1
Dichlorodifluoromethane	ND		10		ug/L			07/13/22 19:04	1
Ethyl methacrylate	ND		10		ug/L			07/13/22 19:04	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 19:04	1
Iodomethane	ND		100		ug/L			07/13/22 19:04	1
Isobutyl alcohol	ND		100		ug/L			07/13/22 19:04	1
Methacrylonitrile	ND		100		ug/L			07/13/22 19:04	1
Methyl methacrylate	ND		10		ug/L			07/13/22 19:04	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 19:04	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 19:04	1
o-Xylene	ND		5.0		ug/L			07/13/22 19:04	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-2

Lab Sample ID: 680-218047-2

Date Collected: 07/06/22 12:09

Matrix: Ground Water

Date Received: 07/08/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	ND		100		ug/L			07/13/22 19:04	1
Styrene	ND		10		ug/L			07/13/22 19:04	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 19:04	1
Toluene	ND		2.0		ug/L			07/13/22 19:04	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 19:04	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 19:04	1
trans-1,4-Dichloro-2-butene	ND		100		ug/L			07/13/22 19:04	1
Trichloroethene	ND		2.0		ug/L			07/13/22 19:04	1
Trichlorofluoromethane	ND		10		ug/L			07/13/22 19:04	1
Vinyl acetate	ND	*+	100		ug/L			07/13/22 19:04	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 19:04	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	115		70 - 130		07/13/22 19:04	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 124		07/13/22 19:04	1
Dibromofluoromethane (Surr)	110		70 - 130		07/13/22 19:04	1
4-Bromofluorobenzene (Surr)	105		70 - 130		07/13/22 19:04	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		49		ug/L		07/12/22 16:15	07/15/22 23:00	1
4-Nitrophenol	ND		49		ug/L		07/12/22 16:15	07/15/22 23:00	1
Benzyl alcohol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
N-Nitrosopiperidine	ND	*1	9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
4-Bromophenyl phenyl ether	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2,4-Dimethylphenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
N-Nitrosomethylethylamine	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
4-Chloroaniline	ND		20		ug/L		07/12/22 16:15	07/15/22 23:00	1
p-Phenylene diamine	ND		2000		ug/L		07/12/22 16:15	07/15/22 23:00	1
bis (2-chloroisopropyl) ether	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Phenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Bis(2-chloroethyl)ether	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Bis(2-chloroethoxy)methane	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Bis(2-ethylhexyl) phthalate	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Di-n-octyl phthalate	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Hexachlorobenzene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
3,3'-Dimethylbenzidine	ND		20		ug/L		07/12/22 16:15	07/15/22 23:00	1
Anthracene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Isosafrole	ND	*-	9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
1,2,4-Trichlorobenzene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2,4-Dichlorophenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2,4-Dinitrotoluene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
alpha,alpha-Dimethyl phenethylamine	ND		2000		ug/L		07/12/22 16:15	07/15/22 23:00	1
o,o',o"-Triethylphosphorothioate	ND	*1	9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Pyrene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
1,4-Naphthoquinone	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Dimethyl phthalate	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
1-Naphthylamine	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Hexachloropropene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-2

Lab Sample ID: 680-218047-2

Date Collected: 07/06/22 12:09

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Indeno[1,2,3-cd]pyrene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Benzo[b]fluoranthene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Fluoranthene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Benzo[k]fluoranthene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Acenaphthylene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Chrysene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Diallate	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Pronamide	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Thionazin	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Methyl parathion	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Phorate	ND	*+	9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Disulfoton	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Benzo[a]pyrene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2,4-Dinitrophenol	ND		49		ug/L		07/12/22 16:15	07/15/22 23:00	1
Famphur	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
4,6-Dinitro-2-methylphenol	ND		49		ug/L		07/12/22 16:15	07/15/22 23:00	1
Dibenz(a,h)anthracene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2-Acetylaminofluorene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
N-Nitrosodiethylamine	ND	*1	9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Ethyl Parathion	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
3-Methylcholanthrene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Benzo[a]anthracene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
7,12-Dimethylbenz(a)anthracene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2,3,4,6-Tetrachlorophenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
4-Chloro-3-methylphenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
p-Dimethylamino azobenzene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Dimethoate	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2,6-Dinitrotoluene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Pentachlorobenzene	ND	*-	9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
N-Nitrosodi-n-propylamine	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Phenacetin	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Ethyl methanesulfonate	ND	*1	9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
N-Nitrosodimethylamine	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Methyl methanesulfonate	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Hexachloroethane	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
4-Chlorophenyl phenyl ether	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Hexachlorocyclopentadiene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Isophorone	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Pentachloronitrobenzene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Acenaphthene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Diethyl phthalate	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Di-n-butyl phthalate	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Phenanthrene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Butyl benzyl phthalate	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
N-Nitrosodiphenylamine	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Fluorene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2,6-Dichlorophenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Hexachlorobutadiene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-2

Lab Sample ID: 680-218047-2

Date Collected: 07/06/22 12:09

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		49		ug/L		07/12/22 16:15	07/15/22 23:00	1
2,4,6-Trichlorophenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2-Nitroaniline	ND		49		ug/L		07/12/22 16:15	07/15/22 23:00	1
2-Nitrophenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2-Methylnaphthalene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2-Chloronaphthalene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2-Naphthylamine	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Methapyrilene	ND		2000		ug/L		07/12/22 16:15	07/15/22 23:00	1
3,3'-Dichlorobenzidine	ND		59		ug/L		07/12/22 16:15	07/15/22 23:00	1
N-Nitrosodi-n-butylamine	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
4-Aminobiphenyl	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
N-Nitrosopyrrolidine	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Safrole, Total	ND	*1 *-	9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2-Methylphenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2-Toluidine	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2-Chlorophenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
1,2,4,5-Tetrachlorobenzene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
2,4,5-Trichlorophenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Acetophenone	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Nitrobenzene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
3-Nitroaniline	ND		49		ug/L		07/12/22 16:15	07/15/22 23:00	1
1,3,5-Trinitrobenzene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
N-Nitro-o-toluidine	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
1,3-Dinitrobenzene	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
Dibenzofuran	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1
3 & 4 Methylphenol	ND		9.8		ug/L		07/12/22 16:15	07/15/22 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	59		39 - 124	07/12/22 16:15	07/15/22 23:00	1
2-Fluorobiphenyl (Surr)	49		32 - 113	07/12/22 16:15	07/15/22 23:00	1
2-Fluorophenol (Surr)	37		26 - 109	07/12/22 16:15	07/15/22 23:00	1
Terphenyl-d14 (Surr)	70		10 - 126	07/12/22 16:15	07/15/22 23:00	1
Phenol-d5 (Surr)	36		27 - 110	07/12/22 16:15	07/15/22 23:00	1
Nitrobenzene-d5 (Surr)	45		32 - 118	07/12/22 16:15	07/15/22 23:00	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.050		ug/L		07/11/22 13:09	07/11/22 21:00	1
1,2-Dibromo-3-Chloropropane	ND		0.20		ug/L		07/11/22 13:09	07/11/22 21:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	122		60 - 144	07/11/22 13:09	07/11/22 21:00	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
alpha-BHC	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
beta-BHC	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
Chlordane (technical)	ND		0.48		ug/L		07/11/22 14:35	07/13/22 02:11	1
Chlorobenzilate	ND		2.9		ug/L		07/11/22 14:35	07/13/22 02:11	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-2

Lab Sample ID: 680-218047-2

Date Collected: 07/06/22 12:09

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

(Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
4,4'-DDE	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
4,4'-DDT	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
delta-BHC	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
Dieldrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
Endosulfan I	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
Endosulfan II	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
Endosulfan sulfate	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
Endrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
Endrin aldehyde	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
gamma-BHC (Lindane)	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
Heptachlor	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
Heptachlor epoxide	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
Isodrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
Kepone	ND		4.8		ug/L		07/11/22 14:35	07/13/22 02:11	1
Methoxychlor	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:11	1
PCB-1016	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:11	1
PCB-1221	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:11	1
PCB-1232	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:11	1
PCB-1242	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:11	1
PCB-1248	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:11	1
PCB-1254	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:11	1
PCB-1260	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:11	1
Toxaphene	ND		4.8		ug/L		07/11/22 14:35	07/13/22 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		30 - 130	07/11/22 14:35	07/13/22 02:11	1
Tetrachloro-m-xylene	48		30 - 130	07/11/22 14:35	07/13/22 02:11	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		1.1		ug/L		07/12/22 10:59	07/15/22 03:29	1
Dinoseb	ND		0.50		ug/L		07/12/22 10:59	07/15/22 03:29	1
Silvex (2,4,5-TP)	ND		0.84		ug/L		07/12/22 10:59	07/15/22 03:29	1
2,4,5-T	ND		0.84		ug/L		07/12/22 10:59	07/15/22 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	86		26 - 137	07/12/22 10:59	07/15/22 03:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/11/22 12:16	07/12/22 10:44	1
Arsenic	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:44	1
Barium	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:44	1
Beryllium	ND		0.0030		mg/L		07/11/22 12:16	07/12/22 10:44	1
Cadmium	ND		0.0050		mg/L		07/11/22 12:16	07/12/22 10:44	1
Chromium	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:44	1
Cobalt	ND		0.0060		mg/L		07/11/22 12:16	07/12/22 10:44	1
Copper	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:44	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-2

Lab Sample ID: 680-218047-2

Date Collected: 07/06/22 12:09

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.015		mg/L		07/11/22 12:16	07/12/22 10:44	1
Nickel	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:44	1
Selenium	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:44	1
Silver	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:44	1
Thallium	ND		0.0020		mg/L		07/11/22 12:16	07/12/22 10:44	1
Tin	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:44	1
Vanadium	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:44	1
Zinc	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		07/11/22 15:32	07/12/22 12:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/15/22 09:26	07/15/22 17:26	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	2.8		0.81		mg/L			07/12/22 10:07	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWC-12R

Lab Sample ID: 680-218047-3

Date Collected: 07/05/22 11:40

Matrix: Ground Water

Date Received: 07/08/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 19:28	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 19:28	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 19:28	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 19:28	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 19:28	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 19:28	1
1,1-Dichloropropene	ND		2.0		ug/L			07/13/22 19:28	1
1,2,3-Trichloropropane	ND		2.0		ug/L			07/13/22 19:28	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 19:28	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 19:28	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 19:28	1
1,3-Dichlorobenzene	ND		10		ug/L			07/13/22 19:28	1
1,3-Dichloropropane	ND		2.0		ug/L			07/13/22 19:28	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 19:28	1
2,2-Dichloropropane	ND		2.0		ug/L			07/13/22 19:28	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 19:28	1
2-Chloro-1,3-butadiene	ND		5.0		ug/L			07/13/22 19:28	1
2-Hexanone	ND		50		ug/L			07/13/22 19:28	1
3-Chloro-1-propene	ND		5.0		ug/L			07/13/22 19:28	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 19:28	1
Acetone	ND		100		ug/L			07/13/22 19:28	1
Acetonitrile	ND		40		ug/L			07/13/22 19:28	1
Acrolein	ND		50		ug/L			07/13/22 19:28	1
Acrylonitrile	ND		50		ug/L			07/13/22 19:28	1
Benzene	3.3		2.0		ug/L			07/13/22 19:28	1
Bromoform	ND		10		ug/L			07/13/22 19:28	1
Bromomethane	ND		10		ug/L			07/13/22 19:28	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 19:28	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 19:28	1
Chlorobenzene	ND		10		ug/L			07/13/22 19:28	1
Chlorobromomethane	ND		10		ug/L			07/13/22 19:28	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 19:28	1
Chloroethane	ND		5.0		ug/L			07/13/22 19:28	1
Chloroform	ND		2.0		ug/L			07/13/22 19:28	1
Chloromethane	ND		10		ug/L			07/13/22 19:28	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 19:28	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 19:28	1
Dibromomethane	ND		10		ug/L			07/13/22 19:28	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 19:28	1
Dichlorodifluoromethane	ND		10		ug/L			07/13/22 19:28	1
Ethyl methacrylate	ND		10		ug/L			07/13/22 19:28	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 19:28	1
Iodomethane	ND		100		ug/L			07/13/22 19:28	1
Isobutyl alcohol	ND		100		ug/L			07/13/22 19:28	1
Methacrylonitrile	ND		100		ug/L			07/13/22 19:28	1
Methyl methacrylate	ND		10		ug/L			07/13/22 19:28	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 19:28	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 19:28	1
o-Xylene	ND		5.0		ug/L			07/13/22 19:28	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWC-12R

Lab Sample ID: 680-218047-3

Date Collected: 07/05/22 11:40

Matrix: Ground Water

Date Received: 07/08/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	ND		100		ug/L			07/13/22 19:28	1
Styrene	ND		10		ug/L			07/13/22 19:28	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 19:28	1
Toluene	ND		2.0		ug/L			07/13/22 19:28	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 19:28	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 19:28	1
trans-1,4-Dichloro-2-butene	ND		100		ug/L			07/13/22 19:28	1
Trichloroethene	ND		2.0		ug/L			07/13/22 19:28	1
Trichlorofluoromethane	ND		10		ug/L			07/13/22 19:28	1
Vinyl acetate	ND	*+	100		ug/L			07/13/22 19:28	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 19:28	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	116		70 - 130		07/13/22 19:28	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 124		07/13/22 19:28	1
Dibromofluoromethane (Surr)	115		70 - 130		07/13/22 19:28	1
4-Bromofluorobenzene (Surr)	104		70 - 130		07/13/22 19:28	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		48		ug/L		07/12/22 16:15	07/15/22 22:38	1
4-Nitrophenol	ND		48		ug/L		07/12/22 16:15	07/15/22 22:38	1
Benzyl alcohol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
N-Nitrosopiperidine	ND	*1	9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
4-Bromophenyl phenyl ether	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2,4-Dimethylphenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
N-Nitrosomethylethylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
4-Chloroaniline	ND		19		ug/L		07/12/22 16:15	07/15/22 22:38	1
p-Phenylene diamine	ND		1900		ug/L		07/12/22 16:15	07/15/22 22:38	1
bis (2-chloroisopropyl) ether	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Phenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Bis(2-chloroethyl)ether	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Bis(2-chloroethoxy)methane	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Bis(2-ethylhexyl) phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Di-n-octyl phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Hexachlorobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
3,3'-Dimethylbenzidine	ND		19		ug/L		07/12/22 16:15	07/15/22 22:38	1
Anthracene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Isosafrole	ND	*-	9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
1,2,4-Trichlorobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2,4-Dichlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2,4-Dinitrotoluene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
alpha,alpha-Dimethyl phenethylamine	ND		1900		ug/L		07/12/22 16:15	07/15/22 22:38	1
o,o',o"-Triethylphosphorothioate	ND	*1	9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Pyrene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
1,4-Naphthoquinone	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Dimethyl phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
1-Naphthylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Hexachloropropene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWC-12R

Lab Sample ID: 680-218047-3

Date Collected: 07/05/22 11:40

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Indeno[1,2,3-cd]pyrene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Benzo[b]fluoranthene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Fluoranthene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Benzo[k]fluoranthene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Acenaphthylene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Chrysene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Diallate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Pronamide	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Thionazin	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Methyl parathion	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Phorate	ND	*+	9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Disulfoton	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Benzo[a]pyrene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2,4-Dinitrophenol	ND		48		ug/L		07/12/22 16:15	07/15/22 22:38	1
Famphur	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
4,6-Dinitro-2-methylphenol	ND		48		ug/L		07/12/22 16:15	07/15/22 22:38	1
Dibenz(a,h)anthracene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2-Acetylaminofluorene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
N-Nitrosodiethylamine	ND	*1	9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Ethyl Parathion	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
3-Methylcholanthrene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Benzo[a]anthracene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
7,12-Dimethylbenz(a)anthracene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2,3,4,6-Tetrachlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
4-Chloro-3-methylphenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
p-Dimethylamino azobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Dimethoate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2,6-Dinitrotoluene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Pentachlorobenzene	ND	*-	9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
N-Nitrosodi-n-propylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Phenacetin	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Ethyl methanesulfonate	ND	*1	9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
N-Nitrosodimethylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Methyl methanesulfonate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Hexachloroethane	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
4-Chlorophenyl phenyl ether	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Hexachlorocyclopentadiene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Isophorone	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Pentachloronitrobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Acenaphthene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Diethyl phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Di-n-butyl phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Phenanthrene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Butyl benzyl phthalate	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
N-Nitrosodiphenylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Fluorene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2,6-Dichlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Hexachlorobutadiene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWC-12R

Lab Sample ID: 680-218047-3

Date Collected: 07/05/22 11:40

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		48		ug/L		07/12/22 16:15	07/15/22 22:38	1
2,4,6-Trichlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2-Nitroaniline	ND		48		ug/L		07/12/22 16:15	07/15/22 22:38	1
2-Nitrophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2-Methylnaphthalene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2-Chloronaphthalene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2-Naphthylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Methapyrilene	ND		1900		ug/L		07/12/22 16:15	07/15/22 22:38	1
3,3'-Dichlorobenzidine	ND		58		ug/L		07/12/22 16:15	07/15/22 22:38	1
N-Nitrosodi-n-butylamine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
4-Aminobiphenyl	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
N-Nitrosopyrrolidine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Safrole, Total	ND	*1 *-	9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2-Methylphenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2-Toluidine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2-Chlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
1,2,4,5-Tetrachlorobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
2,4,5-Trichlorophenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Acetophenone	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Nitrobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
3-Nitroaniline	ND		48		ug/L		07/12/22 16:15	07/15/22 22:38	1
1,3,5-Trinitrobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
N-Nitro-o-toluidine	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
1,3-Dinitrobenzene	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
Dibenzofuran	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1
3 & 4 Methylphenol	ND		9.6		ug/L		07/12/22 16:15	07/15/22 22:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		39 - 124	07/12/22 16:15	07/15/22 22:38	1
2-Fluorobiphenyl (Surr)	46		32 - 113	07/12/22 16:15	07/15/22 22:38	1
2-Fluorophenol (Surr)	35		26 - 109	07/12/22 16:15	07/15/22 22:38	1
Terphenyl-d14 (Surr)	28		10 - 126	07/12/22 16:15	07/15/22 22:38	1
Phenol-d5 (Surr)	37		27 - 110	07/12/22 16:15	07/15/22 22:38	1
Nitrobenzene-d5 (Surr)	44		32 - 118	07/12/22 16:15	07/15/22 22:38	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.047		ug/L		07/12/22 13:15	07/13/22 11:21	1
1,2-Dibromo-3-Chloropropane	ND		0.19		ug/L		07/12/22 13:15	07/13/22 11:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	87		60 - 144	07/12/22 13:15	07/13/22 11:21	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
alpha-BHC	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
beta-BHC	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
Chlordane (technical)	ND		0.48		ug/L		07/11/22 14:35	07/13/22 02:27	1
Chlorobenzilate	ND		2.9		ug/L		07/11/22 14:35	07/13/22 02:27	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWC-12R

Lab Sample ID: 680-218047-3

Date Collected: 07/05/22 11:40

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

(Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
4,4'-DDE	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
4,4'-DDT	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
delta-BHC	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
Dieldrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
Endosulfan I	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
Endosulfan II	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
Endosulfan sulfate	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
Endrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
Endrin aldehyde	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
gamma-BHC (Lindane)	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
Heptachlor	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
Heptachlor epoxide	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
Isodrin	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
Kepone	ND		4.8		ug/L		07/11/22 14:35	07/13/22 02:27	1
Methoxychlor	ND		0.048		ug/L		07/11/22 14:35	07/13/22 02:27	1
PCB-1016	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:27	1
PCB-1221	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:27	1
PCB-1232	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:27	1
PCB-1242	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:27	1
PCB-1248	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:27	1
PCB-1254	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:27	1
PCB-1260	ND		0.96		ug/L		07/11/22 14:35	07/13/22 02:27	1
Toxaphene	ND		4.8		ug/L		07/11/22 14:35	07/13/22 02:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	26	p S1-	30 - 130	07/11/22 14:35	07/13/22 02:27	1
Tetrachloro-m-xylene	92	p	30 - 130	07/11/22 14:35	07/13/22 02:27	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		1.1		ug/L		07/12/22 10:59	07/15/22 03:51	1
Dinoseb	ND		0.50		ug/L		07/12/22 10:59	07/15/22 03:51	1
Silvex (2,4,5-TP)	ND		0.85		ug/L		07/12/22 10:59	07/15/22 03:51	1
2,4,5-T	ND		0.85		ug/L		07/12/22 10:59	07/15/22 03:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	83		26 - 137	07/12/22 10:59	07/15/22 03:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/11/22 12:16	07/12/22 10:47	1
Arsenic	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:47	1
Barium	0.13		0.020		mg/L		07/11/22 12:16	07/12/22 10:47	1
Beryllium	ND		0.0030		mg/L		07/11/22 12:16	07/12/22 10:47	1
Cadmium	ND		0.0050		mg/L		07/11/22 12:16	07/12/22 10:47	1
Chromium	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:47	1
Cobalt	0.12		0.0060		mg/L		07/11/22 12:16	07/12/22 10:47	1
Copper	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:47	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWC-12R

Lab Sample ID: 680-218047-3

Date Collected: 07/05/22 11:40

Matrix: Ground Water

Date Received: 07/08/22 08:00

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.015		mg/L		07/11/22 12:16	07/12/22 10:47	1
Nickel	0.029		0.020		mg/L		07/11/22 12:16	07/12/22 10:47	1
Selenium	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:47	1
Silver	ND		0.010		mg/L		07/11/22 12:16	07/12/22 10:47	1
Thallium	ND		0.0020		mg/L		07/11/22 12:16	07/12/22 10:47	1
Tin	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:47	1
Vanadium	ND		0.020		mg/L		07/11/22 12:16	07/12/22 10:47	1
Zinc	0.020		0.020		mg/L		07/11/22 12:16	07/12/22 10:47	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		07/11/22 15:32	07/12/22 12:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/15/22 09:26	07/15/22 17:26	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	2.6		0.83		mg/L			07/12/22 10:07	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-218047-4

Date Collected: 07/05/22 00:00

Matrix: Water

Date Received: 07/08/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 15:48	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 15:48	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 15:48	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 15:48	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 15:48	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 15:48	1
1,1-Dichloropropene	ND		2.0		ug/L			07/13/22 15:48	1
1,2,3-Trichloropropane	ND		2.0		ug/L			07/13/22 15:48	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 15:48	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 15:48	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 15:48	1
1,3-Dichlorobenzene	ND		10		ug/L			07/13/22 15:48	1
1,3-Dichloropropane	ND		2.0		ug/L			07/13/22 15:48	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 15:48	1
2,2-Dichloropropane	ND		2.0		ug/L			07/13/22 15:48	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 15:48	1
2-Chloro-1,3-butadiene	ND		5.0		ug/L			07/13/22 15:48	1
2-Hexanone	ND		50		ug/L			07/13/22 15:48	1
3-Chloro-1-propene	ND		5.0		ug/L			07/13/22 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 15:48	1
Acetone	ND		100		ug/L			07/13/22 15:48	1
Acetonitrile	ND		40		ug/L			07/13/22 15:48	1
Acrolein	ND		50		ug/L			07/13/22 15:48	1
Acrylonitrile	ND		50		ug/L			07/13/22 15:48	1
Benzene	ND		2.0		ug/L			07/13/22 15:48	1
Bromoform	ND		10		ug/L			07/13/22 15:48	1
Bromomethane	ND		10		ug/L			07/13/22 15:48	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 15:48	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 15:48	1
Chlorobenzene	ND		10		ug/L			07/13/22 15:48	1
Chlorobromomethane	ND		10		ug/L			07/13/22 15:48	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 15:48	1
Chloroethane	ND		5.0		ug/L			07/13/22 15:48	1
Chloroform	ND		2.0		ug/L			07/13/22 15:48	1
Chloromethane	ND		10		ug/L			07/13/22 15:48	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 15:48	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 15:48	1
Dibromomethane	ND		10		ug/L			07/13/22 15:48	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 15:48	1
Dichlorodifluoromethane	ND		10		ug/L			07/13/22 15:48	1
Ethyl methacrylate	ND		10		ug/L			07/13/22 15:48	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 15:48	1
Iodomethane	ND		100		ug/L			07/13/22 15:48	1
Isobutyl alcohol	ND		100		ug/L			07/13/22 15:48	1
Methacrylonitrile	ND		100		ug/L			07/13/22 15:48	1
Methyl methacrylate	ND		10		ug/L			07/13/22 15:48	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 15:48	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 15:48	1
o-Xylene	ND		5.0		ug/L			07/13/22 15:48	1

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-218047-4

Date Collected: 07/05/22 00:00

Matrix: Water

Date Received: 07/08/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	ND		100		ug/L			07/13/22 15:48	1
Styrene	ND		10		ug/L			07/13/22 15:48	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 15:48	1
Toluene	ND		2.0		ug/L			07/13/22 15:48	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 15:48	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 15:48	1
trans-1,4-Dichloro-2-butene	ND		100		ug/L			07/13/22 15:48	1
Trichloroethene	ND		2.0		ug/L			07/13/22 15:48	1
Trichlorofluoromethane	ND		10		ug/L			07/13/22 15:48	1
Vinyl acetate	ND	*+	100		ug/L			07/13/22 15:48	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 15:48	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	108		70 - 130					07/13/22 15:48	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	91		60 - 124					07/13/22 15:48	1
<i>Dibromofluoromethane (Surr)</i>	110		70 - 130					07/13/22 15:48	1
<i>4-Bromofluorobenzene (Surr)</i>	101		70 - 130					07/13/22 15:48	1

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

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

Lab Sample ID: MB 680-730411/10

Matrix: Water

Analysis Batch: 730411

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 15:24	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/22 15:24	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/22 15:24	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/22 15:24	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/22 15:24	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/22 15:24	1
1,1-Dichloropropene	ND		2.0		ug/L			07/13/22 15:24	1
1,2,3-Trichloropropane	ND		2.0		ug/L			07/13/22 15:24	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/22 15:24	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/22 15:24	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/22 15:24	1
1,3-Dichlorobenzene	ND		10		ug/L			07/13/22 15:24	1
1,3-Dichloropropane	ND		2.0		ug/L			07/13/22 15:24	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/22 15:24	1
2,2-Dichloropropane	ND		2.0		ug/L			07/13/22 15:24	1
2-Butanone (MEK)	ND		100		ug/L			07/13/22 15:24	1
2-Chloro-1,3-butadiene	ND		5.0		ug/L			07/13/22 15:24	1
2-Hexanone	ND		50		ug/L			07/13/22 15:24	1
3-Chloro-1-propene	ND		5.0		ug/L			07/13/22 15:24	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/22 15:24	1
Acetone	ND		100		ug/L			07/13/22 15:24	1
Acetonitrile	ND		40		ug/L			07/13/22 15:24	1
Acrolein	ND		50		ug/L			07/13/22 15:24	1
Acrylonitrile	ND		50		ug/L			07/13/22 15:24	1
Benzene	ND		2.0		ug/L			07/13/22 15:24	1
Bromoform	ND		10		ug/L			07/13/22 15:24	1
Bromomethane	ND		10		ug/L			07/13/22 15:24	1
Carbon disulfide	ND		5.0		ug/L			07/13/22 15:24	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/22 15:24	1
Chlorobenzene	ND		10		ug/L			07/13/22 15:24	1
Chlorobromomethane	ND		10		ug/L			07/13/22 15:24	1
Chlorodibromomethane	ND		10		ug/L			07/13/22 15:24	1
Chloroethane	ND		5.0		ug/L			07/13/22 15:24	1
Chloroform	ND		2.0		ug/L			07/13/22 15:24	1
Chloromethane	ND		10		ug/L			07/13/22 15:24	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 15:24	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 15:24	1
Dibromomethane	ND		10		ug/L			07/13/22 15:24	1
Dichlorobromomethane	ND		10		ug/L			07/13/22 15:24	1
Dichlorodifluoromethane	ND		10		ug/L			07/13/22 15:24	1
Ethyl methacrylate	ND		10		ug/L			07/13/22 15:24	1
Ethylbenzene	ND		2.0		ug/L			07/13/22 15:24	1
Iodomethane	ND		100		ug/L			07/13/22 15:24	1
Isobutyl alcohol	ND		100		ug/L			07/13/22 15:24	1
Methacrylonitrile	ND		100		ug/L			07/13/22 15:24	1
Methyl methacrylate	ND		10		ug/L			07/13/22 15:24	1
Methylene Chloride	ND		5.0		ug/L			07/13/22 15:24	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/22 15:24	1

Euofins Savannah

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

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

Lab Sample ID: MB 680-730411/10

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 730411

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	ND		5.0		ug/L			07/13/22 15:24	1
Propionitrile	ND		100		ug/L			07/13/22 15:24	1
Styrene	ND		10		ug/L			07/13/22 15:24	1
Tetrachloroethene	ND		2.0		ug/L			07/13/22 15:24	1
Toluene	ND		2.0		ug/L			07/13/22 15:24	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/22 15:24	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/22 15:24	1
trans-1,4-Dichloro-2-butene	ND		100		ug/L			07/13/22 15:24	1
Trichloroethene	ND		2.0		ug/L			07/13/22 15:24	1
Trichlorofluoromethane	ND		10		ug/L			07/13/22 15:24	1
Vinyl acetate	ND		100		ug/L			07/13/22 15:24	1
Vinyl chloride	ND		2.0		ug/L			07/13/22 15:24	1
Xylenes, Total	ND		5.0		ug/L			07/13/22 15:24	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	110		70 - 130		07/13/22 15:24	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 124		07/13/22 15:24	1
Dibromofluoromethane (Surr)	106		70 - 130		07/13/22 15:24	1
4-Bromofluorobenzene (Surr)	104		70 - 130		07/13/22 15:24	1

Lab Sample ID: LCS 680-730411/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 730411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	48.7		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	50.0	55.7		ug/L		111	70 - 130
1,1,2-Trichloroethane	50.0	56.0		ug/L		112	70 - 130
1,1-Dichloroethane	50.0	52.3		ug/L		105	70 - 130
1,1-Dichloroethene	50.0	48.9		ug/L		98	70 - 130
1,1-Dichloropropene	50.0	49.8		ug/L		100	70 - 130
1,2,3-Trichloropropene	50.0	56.0		ug/L		112	70 - 130
1,2-Dichlorobenzene	50.0	53.2		ug/L		106	70 - 130
1,2-Dichloroethane	50.0	50.7		ug/L		101	70 - 130
1,2-Dichloropropane	50.0	53.2		ug/L		106	70 - 130
1,3-Dichlorobenzene	50.0	52.9		ug/L		106	70 - 130
1,3-Dichloropropane	50.0	53.9		ug/L		108	70 - 130
1,4-Dichlorobenzene	50.0	51.9		ug/L		104	70 - 130
2,2-Dichloropropane	50.0	45.1		ug/L		90	70 - 130
2-Butanone (MEK)	250	264		ug/L		106	69 - 120
2-Hexanone	250	267		ug/L		107	70 - 130
3-Chloro-1-propene	50.0	49.5		ug/L		99	70 - 130
4-Methyl-2-pentanone (MIBK)	250	262		ug/L		105	68 - 120
Acetone	250	267		ug/L		107	67 - 120
Acrolein	1000	884		ug/L		88	45 - 164
Acrylonitrile	500	537		ug/L		107	70 - 130
Benzene	50.0	51.8		ug/L		104	70 - 130

Eurofins Savannah

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

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

Lab Sample ID: LCS 680-730411/6

Matrix: Water

Analysis Batch: 730411

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Bromoform	50.0	62.1		ug/L		124	69 - 129
Bromomethane	50.0	60.6		ug/L		121	28 - 192
Carbon disulfide	50.0	48.5		ug/L		97	70 - 130
Carbon tetrachloride	50.0	51.1		ug/L		102	70 - 130
Chlorobenzene	50.0	54.8		ug/L		110	70 - 130
Chlorobromomethane	50.0	55.0		ug/L		110	70 - 130
Chlorodibromomethane	50.0	57.6		ug/L		115	70 - 130
Chloroethane	50.0	61.2		ug/L		122	31 - 213
Chloroform	50.0	51.1		ug/L		102	70 - 130
Chloromethane	50.0	42.9		ug/L		86	59 - 127
cis-1,2-Dichloroethene	50.0	50.0		ug/L		100	70 - 130
cis-1,3-Dichloropropene	50.0	54.6		ug/L		109	70 - 130
Dibromomethane	50.0	55.3		ug/L		111	70 - 130
Dichlorobromomethane	50.0	52.7		ug/L		105	70 - 130
Dichlorodifluoromethane	50.0	37.1		ug/L		74	70 - 130
Ethyl methacrylate	50.0	56.1		ug/L		112	70 - 130
Ethylbenzene	50.0	55.2		ug/L		110	70 - 130
Iodomethane	50.0	43.3	J	ug/L		87	52 - 129
Isobutyl alcohol	1250	1220		ug/L		98	46 - 120
Methylene Chloride	50.0	53.8		ug/L		108	70 - 130
m-Xylene & p-Xylene	50.0	53.9		ug/L		108	70 - 130
o-Xylene	50.0	54.3		ug/L		109	70 - 130
Styrene	50.0	57.9		ug/L		116	70 - 130
Tetrachloroethene	50.0	54.0		ug/L		108	70 - 130
Toluene	50.0	53.7		ug/L		107	70 - 130
trans-1,2-Dichloroethene	50.0	55.3		ug/L		111	70 - 130
trans-1,3-Dichloropropene	50.0	53.9		ug/L		108	70 - 130
trans-1,4-Dichloro-2-butene	50.0	54.2	J	ug/L		108	67 - 120
Trichloroethene	50.0	56.6		ug/L		113	70 - 130
Trichlorofluoromethane	50.0	55.0		ug/L		110	63 - 142
Vinyl acetate	100	149	*+	ug/L		149	67 - 135
Vinyl chloride	50.0	41.1		ug/L		82	66 - 129
Xylenes, Total	100	108		ug/L		108	70 - 130

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	113		70 - 130
1,2-Dichloroethane-d4 (Surr)	97		60 - 124
Dibromofluoromethane (Surr)	110		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 680-730411/7

Matrix: Water

Analysis Batch: 730411

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
1,1,1,2-Tetrachloroethane	50.0	56.6		ug/L		113	70 - 130	1	30
1,1,1-Trichloroethane	50.0	46.8		ug/L		94	70 - 130	4	30
1,1,2,2-Tetrachloroethane	50.0	55.7		ug/L		111	70 - 130	0	30

Eurofins Savannah

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

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

Lab Sample ID: LCSD 680-730411/7

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 730411

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
1,1,2-Trichloroethane	50.0	55.5		ug/L		111	70 - 130	1	30
1,1-Dichloroethane	50.0	50.2		ug/L		100	70 - 130	4	30
1,1-Dichloroethene	50.0	47.5		ug/L		95	70 - 130	3	20
1,1-Dichloropropene	50.0	48.2		ug/L		96	70 - 130	3	20
1,2,3-Trichloropropane	50.0	56.5		ug/L		113	70 - 130	1	30
1,2-Dichlorobenzene	50.0	53.4		ug/L		107	70 - 130	0	30
1,2-Dichloroethane	50.0	49.6		ug/L		99	70 - 130	2	50
1,2-Dichloropropane	50.0	52.2		ug/L		104	70 - 130	2	20
1,3-Dichlorobenzene	50.0	53.9		ug/L		108	70 - 130	2	30
1,3-Dichloropropane	50.0	53.6		ug/L		107	70 - 130	1	20
1,4-Dichlorobenzene	50.0	52.4		ug/L		105	70 - 130	1	30
2,2-Dichloropropane	50.0	44.0		ug/L		88	70 - 130	2	20
2-Butanone (MEK)	250	268		ug/L		107	69 - 120	2	30
2-Hexanone	250	267		ug/L		107	70 - 130	0	20
3-Chloro-1-propene	50.0	48.5		ug/L		97	70 - 130	2	30
4-Methyl-2-pentanone (MIBK)	250	259		ug/L		104	68 - 120	1	30
Acetone	250	262		ug/L		105	67 - 120	2	30
Acrolein	1000	877		ug/L		88	45 - 164	1	30
Acrylonitrile	500	534		ug/L		107	70 - 130	1	30
Benzene	50.0	51.2		ug/L		102	70 - 130	1	30
Bromoform	50.0	62.2		ug/L		124	69 - 129	0	30
Bromomethane	50.0	72.3		ug/L		145	28 - 192	18	30
Carbon disulfide	50.0	47.3		ug/L		95	70 - 130	3	30
Carbon tetrachloride	50.0	49.4		ug/L		99	70 - 130	3	30
Chlorobenzene	50.0	56.2		ug/L		112	70 - 130	3	30
Chlorobromomethane	50.0	53.8		ug/L		108	70 - 130	2	30
Chlorodibromomethane	50.0	58.0		ug/L		116	70 - 130	1	30
Chloroethane	50.0	55.5		ug/L		111	31 - 213	10	30
Chloroform	50.0	49.7		ug/L		99	70 - 130	3	30
Chloromethane	50.0	41.6		ug/L		83	59 - 127	3	30
cis-1,2-Dichloroethene	50.0	48.8		ug/L		98	70 - 130	2	30
cis-1,3-Dichloropropene	50.0	53.8		ug/L		108	70 - 130	1	20
Dibromomethane	50.0	53.1		ug/L		106	70 - 130	4	30
Dichlorobromomethane	50.0	51.5		ug/L		103	70 - 130	2	30
Dichlorodifluoromethane	50.0	36.5		ug/L		73	70 - 130	2	40
Ethyl methacrylate	50.0	57.5		ug/L		115	70 - 130	2	20
Ethylbenzene	50.0	55.1		ug/L		110	70 - 130	0	20
Iodomethane	50.0	47.1	J	ug/L		94	52 - 129	8	30
Isobutyl alcohol	1250	1240		ug/L		99	46 - 120	1	40
Methylene Chloride	50.0	52.1		ug/L		104	70 - 130	3	30
m-Xylene & p-Xylene	50.0	54.3		ug/L		109	70 - 130	1	30
o-Xylene	50.0	54.4		ug/L		109	70 - 130	0	30
Styrene	50.0	58.3		ug/L		117	70 - 130	1	30
Tetrachloroethene	50.0	52.7		ug/L		105	70 - 130	3	30
Toluene	50.0	53.3		ug/L		107	70 - 130	1	30
trans-1,2-Dichloroethene	50.0	54.6		ug/L		109	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	51.6		ug/L		103	70 - 130	4	30
trans-1,4-Dichloro-2-butene	50.0	54.6	J	ug/L		109	67 - 120	1	30
Trichloroethene	50.0	55.0		ug/L		110	70 - 130	3	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

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

Lab Sample ID: LCSD 680-730411/7

Matrix: Water

Analysis Batch: 730411

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichlorofluoromethane	50.0	53.2		ug/L		106	63 - 142	3	30
Vinyl acetate	100	144	*+	ug/L		144	67 - 135	4	30
Vinyl chloride	50.0	41.2		ug/L		82	66 - 129	0	30
Xylenes, Total	100	109		ug/L		109	70 - 130	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Toluene-d8 (Surr)	111		70 - 130
1,2-Dichloroethane-d4 (Surr)	96		60 - 124
Dibromofluoromethane (Surr)	108		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-730254/5-A

Matrix: Water

Analysis Batch: 730969

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 730254

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		50		ug/L		07/12/22 16:15	07/15/22 20:03	1
4-Nitrophenol	ND		50		ug/L		07/12/22 16:15	07/15/22 20:03	1
Benzyl alcohol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
N-Nitrosopiperidine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
4-Bromophenyl phenyl ether	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2,4-Dimethylphenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
N-Nitrosomethylethylamine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
4-Chloroaniline	ND		20		ug/L		07/12/22 16:15	07/15/22 20:03	1
p-Phenylene diamine	ND		2000		ug/L		07/12/22 16:15	07/15/22 20:03	1
bis (2-chloroisopropyl) ether	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Phenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Bis(2-chloroethyl)ether	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Bis(2-chloroethoxy)methane	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Di-n-octyl phthalate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Hexachlorobenzene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
3,3'-Dimethylbenzidine	ND		20		ug/L		07/12/22 16:15	07/15/22 20:03	1
Anthracene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Isosafrole	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
1,2,4-Trichlorobenzene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2,4-Dichlorophenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2,4-Dinitrotoluene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
alpha,alpha-Dimethyl phenethylamine	ND		2000		ug/L		07/12/22 16:15	07/15/22 20:03	1
o,o',o''-Triethylphosphorothioate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Pyrene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
1,4-Naphthoquinone	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Dimethyl phthalate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
1-Naphthylamine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Hexachloropropene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Benzo[g,h,i]perylene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-730254/5-A

Matrix: Water

Analysis Batch: 730969

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 730254

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzo[b]fluoranthene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Fluoranthene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Benzo[k]fluoranthene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Acenaphthylene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Chrysene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Diallate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Pronamide	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Thionazin	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Methyl parathion	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Phorate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Disulfoton	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Benzo[a]pyrene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2,4-Dinitrophenol	ND		50		ug/L		07/12/22 16:15	07/15/22 20:03	1
Famphur	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
4,6-Dinitro-2-methylphenol	ND		50		ug/L		07/12/22 16:15	07/15/22 20:03	1
Dibenz(a,h)anthracene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2-Acetylaminofluorene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
N-Nitrosodiethylamine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Ethyl Parathion	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
3-Methylcholanthrene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Benzo[a]anthracene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
7,12-Dimethylbenz(a)anthracene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2,3,4,6-Tetrachlorophenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
4-Chloro-3-methylphenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
p-Dimethylamino azobenzene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Dimethoate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2,6-Dinitrotoluene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Pentachlorobenzene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
N-Nitrosodi-n-propylamine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Phenacetin	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Ethyl methanesulfonate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
N-Nitrosodimethylamine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Methyl methanesulfonate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Hexachloroethane	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
4-Chlorophenyl phenyl ether	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Hexachlorocyclopentadiene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Isophorone	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Pentachloronitrobenzene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Acenaphthene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Diethyl phthalate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Di-n-butyl phthalate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Phenanthrene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Butyl benzyl phthalate	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
N-Nitrosodiphenylamine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Fluorene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2,6-Dichlorophenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Hexachlorobutadiene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Pentachlorophenol	ND		50		ug/L		07/12/22 16:15	07/15/22 20:03	1
2,4,6-Trichlorophenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-730254/5-A

Matrix: Water

Analysis Batch: 730969

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 730254

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Nitroaniline	ND		50		ug/L		07/12/22 16:15	07/15/22 20:03	1
2-Nitrophenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2-Methylnaphthalene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2-Chloronaphthalene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2-Naphthylamine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Methapyrilene	ND		2000		ug/L		07/12/22 16:15	07/15/22 20:03	1
3,3'-Dichlorobenzidine	ND		60		ug/L		07/12/22 16:15	07/15/22 20:03	1
N-Nitrosodi-n-butylamine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
4-Aminobiphenyl	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
N-Nitrosopyrrolidine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Safrole, Total	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2-Methylphenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2-Toluidine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2-Chlorophenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
1,2,4,5-Tetrachlorobenzene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
2,4,5-Trichlorophenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Acetophenone	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Nitrobenzene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
3-Nitroaniline	ND		50		ug/L		07/12/22 16:15	07/15/22 20:03	1
1,3,5-Trinitrobenzene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
N-Nitro-o-toluidine	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
1,3-Dinitrobenzene	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
Dibenzofuran	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1
3 & 4 Methylphenol	ND		10		ug/L		07/12/22 16:15	07/15/22 20:03	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	61		39 - 124	07/12/22 16:15	07/15/22 20:03	1
2-Fluorobiphenyl (Surr)	52		32 - 113	07/12/22 16:15	07/15/22 20:03	1
2-Fluorophenol (Surr)	38		26 - 109	07/12/22 16:15	07/15/22 20:03	1
Terphenyl-d14 (Surr)	81		10 - 126	07/12/22 16:15	07/15/22 20:03	1
Phenol-d5 (Surr)	39		27 - 110	07/12/22 16:15	07/15/22 20:03	1
Nitrobenzene-d5 (Surr)	49		32 - 118	07/12/22 16:15	07/15/22 20:03	1

Lab Sample ID: LCS 680-730254/6-A

Matrix: Water

Analysis Batch: 730969

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 730254

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitrophenol	200	119		ug/L		60	44 - 130
Benzyl alcohol	100	65.3		ug/L		65	29 - 130
4-Bromophenyl phenyl ether	100	63.2		ug/L		63	47 - 130
2,4-Dimethylphenol	100	56.9		ug/L		57	37 - 130
4-Chloroaniline	100	60.5		ug/L		60	42 - 130
bis (2-chloroisopropyl) ether	100	47.5		ug/L		48	26 - 130
Phenol	100	48.5		ug/L		49	35 - 130
Bis(2-chloroethyl)ether	100	61.2		ug/L		61	32 - 130
Bis(2-chloroethoxy)methane	100	60.6		ug/L		61	47 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-730254/6-A

Matrix: Water

Analysis Batch: 730969

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 730254

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Bis(2-ethylhexyl) phthalate	100	69.3		ug/L		69	45 - 130
Di-n-octyl phthalate	100	69.3		ug/L		69	42 - 130
Hexachlorobenzene	100	64.1		ug/L		64	43 - 130
Anthracene	100	66.6		ug/L		67	49 - 130
1,2,4-Trichlorobenzene	100	44.1		ug/L		44	33 - 130
2,4-Dichlorophenol	100	62.9		ug/L		63	44 - 130
2,4-Dinitrotoluene	100	77.7		ug/L		78	52 - 130
Pyrene	100	65.3		ug/L		65	52 - 130
Dimethyl phthalate	100	66.9		ug/L		67	53 - 130
Benzo[g,h,i]perylene	100	64.4		ug/L		64	41 - 130
Indeno[1,2,3-cd]pyrene	100	67.0		ug/L		67	31 - 130
Benzo[b]fluoranthene	100	73.7		ug/L		74	43 - 130
Fluoranthene	100	72.1		ug/L		72	47 - 130
Benzo[k]fluoranthene	100	61.0		ug/L		61	40 - 130
Acenaphthylene	100	54.4		ug/L		54	48 - 130
Chrysene	100	65.4		ug/L		65	47 - 130
Benzo[a]pyrene	100	64.2		ug/L		64	44 - 130
2,4-Dinitrophenol	200	166		ug/L		83	31 - 130
4,6-Dinitro-2-methylphenol	200	151		ug/L		75	42 - 130
Dibenz(a,h)anthracene	100	67.6		ug/L		68	41 - 130
Benzo[a]anthracene	100	70.6		ug/L		71	44 - 130
2,3,4,6-Tetrachlorophenol	100	69.2		ug/L		69	53 - 130
4-Chloro-3-methylphenol	100	65.5		ug/L		65	47 - 130
2,6-Dinitrotoluene	100	65.9		ug/L		66	52 - 130
N-Nitrosodi-n-propylamine	100	58.5		ug/L		59	42 - 130
N-Nitrosodimethylamine	100	50.1		ug/L		50	32 - 130
Hexachloroethane	100	37.0		ug/L		37	29 - 130
4-Chlorophenyl phenyl ether	100	55.1		ug/L		55	45 - 130
Hexachlorocyclopentadiene	100	15.0		ug/L		15	11 - 130
Isophorone	100	61.7		ug/L		62	47 - 130
Acenaphthene	100	51.9		ug/L		52	48 - 130
Diethyl phthalate	100	68.3		ug/L		68	53 - 130
Di-n-butyl phthalate	100	71.9		ug/L		72	51 - 130
Phenanthrene	100	65.8		ug/L		66	51 - 130
Butyl benzyl phthalate	100	67.9		ug/L		68	50 - 130
N-Nitrosodiphenylamine	100	62.7		ug/L		63	50 - 130
Fluorene	100	60.8		ug/L		61	50 - 130
2,6-Dichlorophenol	100	62.7		ug/L		63	42 - 130
Hexachlorobutadiene	100	39.8		ug/L		40	27 - 130
Pentachlorophenol	200	137		ug/L		68	33 - 130
2,4,6-Trichlorophenol	100	67.9		ug/L		68	47 - 130
2-Nitroaniline	100	64.1		ug/L		64	51 - 130
2-Nitrophenol	100	61.2		ug/L		61	43 - 130
2-Methylnaphthalene	100	43.6		ug/L		44	40 - 130
2-Chloronaphthalene	100	48.9		ug/L		49	44 - 130
3,3'-Dichlorobenzidine	100	70.6		ug/L		71	46 - 130
2-Methylphenol	100	57.7		ug/L		58	40 - 130
2-Chlorophenol	100	53.9		ug/L		54	39 - 130
1,2,4,5-Tetrachlorobenzene	100	45.9		ug/L		46	39 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-730254/6-A

Matrix: Water

Analysis Batch: 730969

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 730254

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
2,4,5-Trichlorophenol	100	70.6		ug/L		71	48 - 130
Acetophenone	100	59.7		ug/L		60	44 - 130
Nitrobenzene	100	56.6		ug/L		57	43 - 130
3-Nitroaniline	100	68.5		ug/L		69	53 - 130
Dibenzofuran	100	57.2		ug/L		57	50 - 130
3 & 4 Methylphenol	100	60.4		ug/L		60	42 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	73		39 - 124
2-Fluorobiphenyl (Surr)	64		32 - 113
2-Fluorophenol (Surr)	51		26 - 109
Terphenyl-d14 (Surr)	66		10 - 126
Phenol-d5 (Surr)	50		27 - 110
Nitrobenzene-d5 (Surr)	58		32 - 118

Lab Sample ID: LCS 680-730254/8-A

Matrix: Water

Analysis Batch: 730969

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 730254

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	77		39 - 124
2-Fluorobiphenyl (Surr)	46		32 - 113
2-Fluorophenol (Surr)	34		26 - 109
Terphenyl-d14 (Surr)	73		10 - 126
Phenol-d5 (Surr)	38		27 - 110
Nitrobenzene-d5 (Surr)	40		32 - 118

Lab Sample ID: LCSD 680-730254/7-A

Matrix: Water

Analysis Batch: 730969

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 730254

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
4-Nitroaniline	100	81.6		ug/L		82	49 - 130	15	50
4-Nitrophenol	200	135		ug/L		67	44 - 130	12	50
Benzyl alcohol	100	67.9		ug/L		68	29 - 130	4	50
4-Bromophenyl phenyl ether	100	66.9		ug/L		67	47 - 130	6	50
2,4-Dimethylphenol	100	61.0		ug/L		61	37 - 130	7	50
4-Chloroaniline	100	64.5		ug/L		64	42 - 130	6	50
bis (2-chloroisopropyl) ether	100	50.3		ug/L		50	26 - 130	6	50
Phenol	100	52.6		ug/L		53	35 - 130	8	50
Bis(2-chloroethyl)ether	100	64.8		ug/L		65	32 - 130	6	50
Bis(2-chloroethoxy)methane	100	65.6		ug/L		66	47 - 130	8	50
Bis(2-ethylhexyl) phthalate	100	80.0		ug/L		80	45 - 130	14	50
Di-n-octyl phthalate	100	80.6		ug/L		81	42 - 130	15	50
Hexachlorobenzene	100	71.1		ug/L		71	43 - 130	10	50
Anthracene	100	74.9		ug/L		75	49 - 130	12	50
1,2,4-Trichlorobenzene	100	48.4		ug/L		48	33 - 130	9	50
2,4-Dichlorophenol	100	67.6		ug/L		68	44 - 130	7	50

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-730254/7-A

Matrix: Water

Analysis Batch: 730969

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 730254

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits	RPD	RPD	Limit
2,4-Dinitrotoluene	100	91.2		ug/L		91	52 - 130	16	50	
Pyrene	100	74.9		ug/L		75	52 - 130	14	50	
Dimethyl phthalate	100	75.6		ug/L		76	53 - 130	12	50	
Benzo[g,h,i]perylene	100	75.2		ug/L		75	41 - 130	16	50	
Indeno[1,2,3-cd]pyrene	100	77.9		ug/L		78	31 - 130	15	50	
Benzo[b]fluoranthene	100	82.1		ug/L		82	43 - 130	11	50	
Fluoranthene	100	79.3		ug/L		79	47 - 130	9	50	
Benzo[k]fluoranthene	100	75.0		ug/L		75	40 - 130	21	50	
Acenaphthylene	100	55.8		ug/L		56	48 - 130	3	50	
Chrysene	100	74.3		ug/L		74	47 - 130	13	50	
Benzo[a]pyrene	100	72.5		ug/L		73	44 - 130	12	50	
2,4-Dinitrophenol	200	195		ug/L		97	31 - 130	16	50	
4,6-Dinitro-2-methylphenol	200	170		ug/L		85	42 - 130	12	50	
Dibenz(a,h)anthracene	100	79.1		ug/L		79	41 - 130	16	50	
Benzo[a]anthracene	100	78.5		ug/L		79	44 - 130	11	50	
2,3,4,6-Tetrachlorophenol	100	77.1		ug/L		77	53 - 130	11	50	
4-Chloro-3-methylphenol	100	72.6		ug/L		73	47 - 130	10	50	
2,6-Dinitrotoluene	100	74.0		ug/L		74	52 - 130	12	50	
N-Nitrosodi-n-propylamine	100	62.7		ug/L		63	42 - 130	7	50	
N-Nitrosodimethylamine	100	51.4		ug/L		51	32 - 130	3	50	
Hexachloroethane	100	38.9		ug/L		39	29 - 130	5	50	
4-Chlorophenyl phenyl ether	100	57.8		ug/L		58	45 - 130	5	50	
Hexachlorocyclopentadiene	100	16.1		ug/L		16	11 - 130	7	50	
Isophorone	100	69.6		ug/L		70	47 - 130	12	50	
Acenaphthene	100	54.4		ug/L		54	48 - 130	5	50	
Diethyl phthalate	100	75.0		ug/L		75	53 - 130	9	50	
Di-n-butyl phthalate	100	80.6		ug/L		81	51 - 130	11	50	
Phenanthrene	100	70.7		ug/L		71	51 - 130	7	50	
Butyl benzyl phthalate	100	79.8		ug/L		80	50 - 130	16	50	
N-Nitrosodiphenylamine	100	71.7		ug/L		72	50 - 130	13	50	
Fluorene	100	63.3		ug/L		63	50 - 130	4	50	
2,6-Dichlorophenol	100	68.0		ug/L		68	42 - 130	8	50	
Hexachlorobutadiene	100	45.3		ug/L		45	27 - 130	13	50	
Pentachlorophenol	200	153		ug/L		76	33 - 130	11	50	
2,4,6-Trichlorophenol	100	73.1		ug/L		73	47 - 130	7	50	
2-Nitroaniline	100	71.6		ug/L		72	51 - 130	11	50	
2-Nitrophenol	100	67.7		ug/L		68	43 - 130	10	50	
2-Methylnaphthalene	100	47.7		ug/L		48	40 - 130	9	50	
2-Chloronaphthalene	100	51.6		ug/L		52	44 - 130	5	50	
3,3'-Dichlorobenzidine	100	81.1		ug/L		81	46 - 130	14	50	
2-Methylphenol	100	60.3		ug/L		60	40 - 130	4	50	
2-Chlorophenol	100	59.2		ug/L		59	39 - 130	9	50	
1,2,4,5-Tetrachlorobenzene	100	48.5		ug/L		48	39 - 130	5	50	
2,4,5-Trichlorophenol	100	75.8		ug/L		76	48 - 130	7	50	
Acetophenone	100	65.8		ug/L		66	44 - 130	10	50	
Nitrobenzene	100	60.6		ug/L		61	43 - 130	7	50	
3-Nitroaniline	100	78.3		ug/L		78	53 - 130	13	50	
Dibenzofuran	100	60.9		ug/L		61	50 - 130	6	50	
3 & 4 Methylphenol	100	65.3		ug/L		65	42 - 130	8	50	

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	87		39 - 124
2-Fluorobiphenyl (Surr)	70		32 - 113
2-Fluorophenol (Surr)	56		26 - 109
Terphenyl-d14 (Surr)	82		10 - 126
Phenol-d5 (Surr)	58		27 - 110
Nitrobenzene-d5 (Surr)	69		32 - 118

Lab Sample ID: LCSD 680-730254/9-A

Matrix: Water

Analysis Batch: 730969

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 730254

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	81		39 - 124
2-Fluorobiphenyl (Surr)	75		32 - 113
2-Fluorophenol (Surr)	55		26 - 109
Terphenyl-d14 (Surr)	71		10 - 126
Phenol-d5 (Surr)	58		27 - 110
Nitrobenzene-d5 (Surr)	64		32 - 118

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 680-730104/3-A

Matrix: Water

Analysis Batch: 730123

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 730104

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Ethylene Dibromide	ND		0.050		ug/L		07/11/22 13:09	07/11/22 16:43	1
1,2-Dibromo-3-Chloropropane	ND		0.20		ug/L		07/11/22 13:09	07/11/22 16:43	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Pentachloroethane	114		60 - 144	07/11/22 13:09	07/11/22 16:43	1

Lab Sample ID: LCS 680-730104/4-A

Matrix: Water

Analysis Batch: 730123

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 730104

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Ethylene Dibromide	0.100	0.0911		ug/L		91	66 - 126
1,2-Dibromo-3-Chloropropane	0.100	0.0758	J	ug/L		76	70 - 148

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Pentachloroethane	108		60 - 144

Lab Sample ID: LCSD 680-730104/5-A

Matrix: Water

Analysis Batch: 730123

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 730104

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Ethylene Dibromide	0.100	0.0895		ug/L		89	66 - 126	2	30
1,2-Dibromo-3-Chloropropane	0.100	0.0815	J	ug/L		81	70 - 148	7	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCSD 680-730104/5-A
Matrix: Water
Analysis Batch: 730123

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 730104

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Pentachloroethane	108		60 - 144

Lab Sample ID: MB 680-730286/3-A
Matrix: Water
Analysis Batch: 730343

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730286

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Ethylene Dibromide	ND		0.050		ug/L		07/12/22 13:15	07/12/22 19:23	1
1,2-Dibromo-3-Chloropropane	ND		0.20		ug/L		07/12/22 13:15	07/12/22 19:23	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Pentachloroethane	109		60 - 144	07/12/22 13:15	07/12/22 19:23	1

Lab Sample ID: LCS 680-730286/4-A
Matrix: Water
Analysis Batch: 730343

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730286

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits	
		Result	Qualifier				Limits	RPD
Ethylene Dibromide	0.100	0.0766		ug/L		77	66 - 126	
1,2-Dibromo-3-Chloropropane	0.100	0.0746	J	ug/L		75	70 - 148	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Pentachloroethane	106		60 - 144

Lab Sample ID: LCSD 680-730286/5-A
Matrix: Water
Analysis Batch: 730343

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 730286

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits		RPD	
		Result	Qualifier				Limits	RPD	Limit	
Ethylene Dibromide	0.100	0.0893		ug/L		89	66 - 126	15	30	
1,2-Dibromo-3-Chloropropane	0.100	0.0780	J	ug/L		78	70 - 148	5	30	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Pentachloroethane	108		60 - 144

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-730118/1-A
Matrix: Water
Analysis Batch: 730368

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730118

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
alpha-BHC	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
beta-BHC	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
Chlordane (technical)	ND		0.50		ug/L		07/11/22 14:35	07/12/22 23:48	1
Chlorobenzilate	ND		3.0		ug/L		07/11/22 14:35	07/12/22 23:48	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-730118/1-A

Matrix: Water

Analysis Batch: 730368

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 730118

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDD	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
4,4'-DDE	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
4,4'-DDT	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
delta-BHC	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
Dieldrin	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
Endosulfan I	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
Endosulfan II	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
Endosulfan sulfate	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
Endrin	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
Endrin aldehyde	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
gamma-BHC (Lindane)	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
Heptachlor	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
Heptachlor epoxide	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
Isodrin	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
Kepone	ND		5.0		ug/L		07/11/22 14:35	07/12/22 23:48	1
Methoxychlor	ND		0.050		ug/L		07/11/22 14:35	07/12/22 23:48	1
PCB-1016	ND		1.0		ug/L		07/11/22 14:35	07/12/22 23:48	1
PCB-1221	ND		1.0		ug/L		07/11/22 14:35	07/12/22 23:48	1
PCB-1232	ND		1.0		ug/L		07/11/22 14:35	07/12/22 23:48	1
PCB-1242	ND		1.0		ug/L		07/11/22 14:35	07/12/22 23:48	1
PCB-1248	ND		1.0		ug/L		07/11/22 14:35	07/12/22 23:48	1
PCB-1254	ND		1.0		ug/L		07/11/22 14:35	07/12/22 23:48	1
PCB-1260	ND		1.0		ug/L		07/11/22 14:35	07/12/22 23:48	1
Toxaphene	ND		5.0		ug/L		07/11/22 14:35	07/12/22 23:48	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	109		30 - 130	07/11/22 14:35	07/12/22 23:48	1
Tetrachloro-m-xylene	68		30 - 130	07/11/22 14:35	07/12/22 23:48	1

Lab Sample ID: LCS 680-730118/2-A

Matrix: Water

Analysis Batch: 730368

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 730118

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Aldrin	0.0400	0.0228	J	ug/L		57	30 - 130
alpha-BHC	0.0400	0.0217	J	ug/L		54	30 - 130
beta-BHC	0.0400	0.0266	J p	ug/L		66	30 - 130
4,4'-DDD	0.0400	0.0350	J	ug/L		87	30 - 130
4,4'-DDE	0.0400	0.0304	J	ug/L		76	30 - 130
4,4'-DDT	0.0400	0.0376	J	ug/L		94	30 - 130
delta-BHC	0.0400	0.0333	J	ug/L		83	30 - 130
Dieldrin	0.0400	0.0261	J	ug/L		65	30 - 130
Endosulfan I	0.0400	0.0287	J	ug/L		72	30 - 130
Endosulfan II	0.0400	0.0289	J	ug/L		72	30 - 130
Endosulfan sulfate	0.0400	0.0335	J	ug/L		84	30 - 130
Endrin	0.0400	0.0305	J	ug/L		76	30 - 130
Endrin aldehyde	0.0400	0.0306	J	ug/L		77	30 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-730118/2-A
Matrix: Water
Analysis Batch: 730368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730118

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
gamma-BHC (Lindane)	0.0400	0.0267	J	ug/L		67	30 - 130	
Heptachlor	0.0400	0.0292	J	ug/L		73	30 - 130	
Heptachlor epoxide	0.0400	0.0318	J	ug/L		79	30 - 130	
Methoxychlor	0.0400	0.0321	J p	ug/L		80	30 - 130	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	87		30 - 130
Tetrachloro-m-xylene	52		30 - 130

Lab Sample ID: LCS 680-730118/5-A
Matrix: Water
Analysis Batch: 730368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730118

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
PCB-1016	2.40	1.92		ug/L		80	30 - 130	
PCB-1260	2.40	2.41		ug/L		100	30 - 130	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	94		30 - 130
Tetrachloro-m-xylene	63		30 - 130

Lab Sample ID: LCSD 680-730118/6-A
Matrix: Water
Analysis Batch: 730368

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 730118

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
									RPD	Limit
PCB-1016	2.40	2.21		ug/L		92	30 - 130	14	40	
PCB-1260	2.40	2.62		ug/L		109	30 - 130	9	40	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	63		30 - 130
Tetrachloro-m-xylene	69		30 - 130

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-730244/1-A
Matrix: Water
Analysis Batch: 730721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730244

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-D	ND		1.1		ug/L		07/12/22 10:59	07/15/22 02:03	1
Dinoseb	ND		0.50		ug/L		07/12/22 10:59	07/15/22 02:03	1
Silvex (2,4,5-TP)	ND		0.85		ug/L		07/12/22 10:59	07/15/22 02:03	1
2,4,5-T	ND		0.85		ug/L		07/12/22 10:59	07/15/22 02:03	1

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 680-730244/1-A
Matrix: Water
Analysis Batch: 730721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730244

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4-Dichlorophenylacetic acid	94		26 - 137	07/12/22 10:59	07/15/22 02:03	1

Lab Sample ID: LCS 680-730244/2-A
Matrix: Water
Analysis Batch: 730721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730244

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	
2,4-D	6.40	4.65		ug/L		73	21 - 147	
Dinoseb	6.40	7.85		ug/L		123	10 - 141	
Silvex (2,4,5-TP)	1.60	1.31		ug/L		82	31 - 144	
2,4,5-T	1.60	1.28		ug/L		80	11 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	92		26 - 137

Lab Sample ID: LCSD 680-730244/3-A
Matrix: Water
Analysis Batch: 730721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 730244

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec		RPD	
		Result	Qualifier				Limits	RPD	Limit	
2,4-D	6.40	4.83		ug/L		75	21 - 147	4	50	
Dinoseb	6.40	7.23		ug/L		113	10 - 141	8	50	
Silvex (2,4,5-TP)	1.60	1.27		ug/L		79	31 - 144	3	50	
2,4,5-T	1.60	1.22		ug/L		76	11 - 130	5	50	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	84		26 - 137

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-730094/1-A
Matrix: Water
Analysis Batch: 730255

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 730094

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.0060		mg/L		07/11/22 12:16	07/12/22 09:23	1
Arsenic	ND		0.010		mg/L		07/11/22 12:16	07/12/22 09:23	1
Barium	ND		0.020		mg/L		07/11/22 12:16	07/12/22 09:23	1
Beryllium	ND		0.0030		mg/L		07/11/22 12:16	07/12/22 09:23	1
Cadmium	ND		0.0050		mg/L		07/11/22 12:16	07/12/22 09:23	1
Chromium	ND		0.010		mg/L		07/11/22 12:16	07/12/22 09:23	1
Cobalt	ND		0.0060		mg/L		07/11/22 12:16	07/12/22 09:23	1
Copper	ND		0.020		mg/L		07/11/22 12:16	07/12/22 09:23	1
Lead	ND		0.015		mg/L		07/11/22 12:16	07/12/22 09:23	1
Nickel	ND		0.020		mg/L		07/11/22 12:16	07/12/22 09:23	1
Selenium	ND		0.010		mg/L		07/11/22 12:16	07/12/22 09:23	1
Silver	ND		0.010		mg/L		07/11/22 12:16	07/12/22 09:23	1
Thallium	ND		0.0020		mg/L		07/11/22 12:16	07/12/22 09:23	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

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

Lab Sample ID: MB 680-730094/1-A
Matrix: Water
Analysis Batch: 730255

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 730094

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Tin	ND		0.020		mg/L		07/11/22 12:16	07/12/22 09:23	1
Vanadium	ND		0.020		mg/L		07/11/22 12:16	07/12/22 09:23	1
Zinc	ND		0.020		mg/L		07/11/22 12:16	07/12/22 09:23	1

Lab Sample ID: LCS 680-730094/2-A
Matrix: Water
Analysis Batch: 730255

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 730094

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Antimony	0.0500	0.0507		mg/L		101		80 - 120
Arsenic	0.100	0.106		mg/L		106		80 - 120
Barium	0.100	0.104		mg/L		104		80 - 120
Beryllium	0.0500	0.0514		mg/L		103		80 - 120
Cadmium	0.0500	0.0496		mg/L		99		80 - 120
Chromium	0.100	0.106		mg/L		106		80 - 120
Cobalt	0.0500	0.0541		mg/L		108		80 - 120
Copper	0.100	0.116		mg/L		116		80 - 120
Lead	0.505	0.511		mg/L		101		80 - 120
Nickel	0.0990	0.111		mg/L		112		80 - 120
Selenium	0.100	0.0998		mg/L		100		80 - 120
Silver	0.0500	0.0501		mg/L		100		80 - 120
Thallium	0.0500	0.0508		mg/L		102		80 - 120
Tin	0.100	0.101		mg/L		101		80 - 120
Vanadium	0.0998	0.104		mg/L		105		80 - 120
Zinc	0.100	0.108		mg/L		108		80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-730125/1-A
Matrix: Water
Analysis Batch: 730334

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730125

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00050		mg/L		07/11/22 15:32	07/12/22 12:16	1

Lab Sample ID: LCS 680-730125/2-A
Matrix: Water
Analysis Batch: 730334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730125

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Mercury	0.00250	0.00245		mg/L		98		80 - 120

Lab Sample ID: 680-218047-2 MS
Matrix: Ground Water
Analysis Batch: 730334

Client Sample ID: GWA-2
Prep Type: Total/NA
Prep Batch: 730125

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier		Result	Qualifier					
Mercury	ND		0.00100	0.000833		mg/L		83		80 - 120

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

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

Lab Sample ID: 680-218047-2 MSD
Matrix: Ground Water
Analysis Batch: 730334

Client Sample ID: GWA-2
Prep Type: Total/NA
Prep Batch: 730125

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.000830		mg/L		83	80 - 120	0	20

Method: 335.4-1993 R1.0 - Cyanide, Total

Lab Sample ID: MB 680-730845/12-A
Matrix: Water
Analysis Batch: 730987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/15/22 09:26	07/15/22 17:11	1

Lab Sample ID: LCS 680-730845/13-A
Matrix: Water
Analysis Batch: 730987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0500	0.0509		mg/L		102	90 - 110

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 680-730234/1
Matrix: Water
Analysis Batch: 730234

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0		mg/L			07/12/22 10:07	1

Lab Sample ID: LCS 680-730234/2
Matrix: Water
Analysis Batch: 730234

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	10.0	11.5		mg/L		115	75 - 125

Lab Sample ID: LCSD 680-730234/3
Matrix: Water
Analysis Batch: 730234

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	10.0	11.0		mg/L		110	75 - 125	5	30

QC Association Summary

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

GC/MS VOA

Analysis Batch: 730411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	8260C	
680-218047-2	GWA-2	Total/NA	Ground Water	8260C	
680-218047-3	GWC-12R	Total/NA	Ground Water	8260C	
680-218047-4	Trip Blank	Total/NA	Water	8260C	
MB 680-730411/10	Method Blank	Total/NA	Water	8260C	
LCS 680-730411/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 680-730411/7	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 730254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	3520C	
680-218047-2	GWA-2	Total/NA	Ground Water	3520C	
680-218047-3	GWC-12R	Total/NA	Ground Water	3520C	
MB 680-730254/5-A	Method Blank	Total/NA	Water	3520C	
LCS 680-730254/6-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-730254/8-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-730254/7-A	Lab Control Sample Dup	Total/NA	Water	3520C	
LCSD 680-730254/9-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Analysis Batch: 730969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	8270D	730254
680-218047-2	GWA-2	Total/NA	Ground Water	8270D	730254
680-218047-3	GWC-12R	Total/NA	Ground Water	8270D	730254
MB 680-730254/5-A	Method Blank	Total/NA	Water	8270D	730254
LCS 680-730254/6-A	Lab Control Sample	Total/NA	Water	8270D	730254
LCS 680-730254/8-A	Lab Control Sample	Total/NA	Water	8270D	730254
LCSD 680-730254/7-A	Lab Control Sample Dup	Total/NA	Water	8270D	730254
LCSD 680-730254/9-A	Lab Control Sample Dup	Total/NA	Water	8270D	730254

GC Semi VOA

Prep Batch: 730104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	8011	
680-218047-2	GWA-2	Total/NA	Ground Water	8011	
MB 680-730104/3-A	Method Blank	Total/NA	Water	8011	
LCS 680-730104/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 680-730104/5-A	Lab Control Sample Dup	Total/NA	Water	8011	

Prep Batch: 730118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	3510C	
680-218047-2	GWA-2	Total/NA	Ground Water	3510C	
680-218047-3	GWC-12R	Total/NA	Ground Water	3510C	
MB 680-730118/1-A	Method Blank	Total/NA	Water	3510C	
LCS 680-730118/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 680-730118/5-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 680-730118/6-A	Lab Control Sample Dup	Total/NA	Water	3510C	

QC Association Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

GC Semi VOA

Analysis Batch: 730123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	8011	730104
680-218047-2	GWA-2	Total/NA	Ground Water	8011	730104
MB 680-730104/3-A	Method Blank	Total/NA	Water	8011	730104
LCS 680-730104/4-A	Lab Control Sample	Total/NA	Water	8011	730104
LCSD 680-730104/5-A	Lab Control Sample Dup	Total/NA	Water	8011	730104

Prep Batch: 730244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	8151A	
680-218047-2	GWA-2	Total/NA	Ground Water	8151A	
680-218047-3	GWC-12R	Total/NA	Ground Water	8151A	
MB 680-730244/1-A	Method Blank	Total/NA	Water	8151A	
LCS 680-730244/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 680-730244/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	

Prep Batch: 730286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-3	GWC-12R	Total/NA	Ground Water	8011	
MB 680-730286/3-A	Method Blank	Total/NA	Water	8011	
LCS 680-730286/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 680-730286/5-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 730343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-3	GWC-12R	Total/NA	Ground Water	8011	730286
MB 680-730286/3-A	Method Blank	Total/NA	Water	8011	730286
LCS 680-730286/4-A	Lab Control Sample	Total/NA	Water	8011	730286
LCSD 680-730286/5-A	Lab Control Sample Dup	Total/NA	Water	8011	730286

Analysis Batch: 730368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	8081B/8082A	730118
680-218047-2	GWA-2	Total/NA	Ground Water	8081B/8082A	730118
680-218047-3	GWC-12R	Total/NA	Ground Water	8081B/8082A	730118
MB 680-730118/1-A	Method Blank	Total/NA	Water	8081B/8082A	730118
LCS 680-730118/2-A	Lab Control Sample	Total/NA	Water	8081B/8082A	730118
LCS 680-730118/5-A	Lab Control Sample	Total/NA	Water	8081B/8082A	730118
LCSD 680-730118/6-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	730118

Analysis Batch: 730721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	8151A	730244
680-218047-2	GWA-2	Total/NA	Ground Water	8151A	730244
680-218047-3	GWC-12R	Total/NA	Ground Water	8151A	730244
MB 680-730244/1-A	Method Blank	Total/NA	Water	8151A	730244
LCS 680-730244/2-A	Lab Control Sample	Total/NA	Water	8151A	730244
LCSD 680-730244/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	730244

QC Association Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Metals

Prep Batch: 730094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total Recoverable	Ground Water	3005A	
680-218047-2	GWA-2	Total Recoverable	Ground Water	3005A	
680-218047-3	GWC-12R	Total Recoverable	Ground Water	3005A	
MB 680-730094/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-730094/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 730125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	7470A	
680-218047-2	GWA-2	Total/NA	Ground Water	7470A	
680-218047-3	GWC-12R	Total/NA	Ground Water	7470A	
MB 680-730125/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-730125/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-218047-2 MS	GWA-2	Total/NA	Ground Water	7470A	
680-218047-2 MSD	GWA-2	Total/NA	Ground Water	7470A	

Analysis Batch: 730255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total Recoverable	Ground Water	6020A	730094
680-218047-2	GWA-2	Total Recoverable	Ground Water	6020A	730094
680-218047-3	GWC-12R	Total Recoverable	Ground Water	6020A	730094
MB 680-730094/1-A	Method Blank	Total Recoverable	Water	6020A	730094
LCS 680-730094/2-A	Lab Control Sample	Total Recoverable	Water	6020A	730094

Analysis Batch: 730334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	7470A	730125
680-218047-2	GWA-2	Total/NA	Ground Water	7470A	730125
680-218047-3	GWC-12R	Total/NA	Ground Water	7470A	730125
MB 680-730125/1-A	Method Blank	Total/NA	Water	7470A	730125
LCS 680-730125/2-A	Lab Control Sample	Total/NA	Water	7470A	730125
680-218047-2 MS	GWA-2	Total/NA	Ground Water	7470A	730125
680-218047-2 MSD	GWA-2	Total/NA	Ground Water	7470A	730125

General Chemistry

Analysis Batch: 730234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	4500 S2 F-2011	
680-218047-2	GWA-2	Total/NA	Ground Water	4500 S2 F-2011	
680-218047-3	GWC-12R	Total/NA	Ground Water	4500 S2 F-2011	
MB 680-730234/1	Method Blank	Total/NA	Water	4500 S2 F-2011	
LCS 680-730234/2	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	
LCSD 680-730234/3	Lab Control Sample Dup	Total/NA	Water	4500 S2 F-2011	

Prep Batch: 730845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	Distill/CN	
680-218047-2	GWA-2	Total/NA	Ground Water	Distill/CN	
680-218047-3	GWC-12R	Total/NA	Ground Water	Distill/CN	
MB 680-730845/12-A	Method Blank	Total/NA	Water	Distill/CN	

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QC Association Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

General Chemistry (Continued)

Prep Batch: 730845 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-730845/13-A	Lab Control Sample	Total/NA	Water	Distill/CN	

Analysis Batch: 730987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-218047-1	GWA-1	Total/NA	Ground Water	335.4-1993 R1.0	730845
680-218047-2	GWA-2	Total/NA	Ground Water	335.4-1993 R1.0	730845
680-218047-3	GWC-12R	Total/NA	Ground Water	335.4-1993 R1.0	730845
MB 680-730845/12-A	Method Blank	Total/NA	Water	335.4-1993 R1.0	730845
LCS 680-730845/13-A	Lab Control Sample	Total/NA	Water	335.4-1993 R1.0	730845

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-1

Lab Sample ID: 680-218047-1

Date Collected: 07/06/22 09:45

Matrix: Ground Water

Date Received: 07/08/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	730411	07/13/22 18:39	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3520C			1041.1 mL	1 mL	730254	07/12/22 16:15	IR	TAL SAV
Total/NA	Analysis	8270D		1			730969	07/15/22 22:16	T1C	TAL SAV
Instrument ID: CMSG										
Total/NA	Prep	8011			35.5 mL	2 mL	730104	07/11/22 13:09	GEM	TAL SAV
Total/NA	Analysis	8011		1			730123	07/11/22 20:50	GEM	TAL SAV
Instrument ID: CSGX										
Total/NA	Prep	3510C			261.3 mL	1 mL	730118	07/11/22 14:35	LA	TAL SAV
Total/NA	Analysis	8081B/8082A		1			730368	07/13/22 01:55	JCK	TAL SAV
Instrument ID: CSGK										
Total/NA	Prep	8151A			124 mL	5 mL	730244	07/12/22 10:59	KD	TAL SAV
Total/NA	Analysis	8151A		1			730721	07/15/22 03:08	JCK	TAL SAV
Instrument ID: CSGS										
Total Recoverable	Prep	3005A			50 mL	250 mL	730094	07/11/22 12:16	JE	TAL SAV
Total Recoverable	Analysis	6020A		1			730255	07/12/22 10:42	BWR	TAL SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	730125	07/11/22 15:32	BCB	TAL SAV
Total/NA	Analysis	7470A		1			730334	07/12/22 12:32	BCB	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	Distill/CN			6 mL	6 mL	730845	07/15/22 09:26	JAS	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0		1			730987	07/15/22 17:26	JAS	TAL SAV
Instrument ID: KONELAB4										
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	730234	07/12/22 10:07	JAS	TAL SAV
Instrument ID: KONELAB4										

Client Sample ID: GWA-2

Lab Sample ID: 680-218047-2

Date Collected: 07/06/22 12:09

Matrix: Ground Water

Date Received: 07/08/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	730411	07/13/22 19:04	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3520C			1019.8 mL	1 mL	730254	07/12/22 16:15	IR	TAL SAV
Total/NA	Analysis	8270D		1			730969	07/15/22 23:00	T1C	TAL SAV
Instrument ID: CMSG										
Total/NA	Prep	8011			35.2 mL	2 mL	730104	07/11/22 13:09	GEM	TAL SAV
Total/NA	Analysis	8011		1			730123	07/11/22 21:00	GEM	TAL SAV
Instrument ID: CSGX										
Total/NA	Prep	3510C			259.6 mL	1 mL	730118	07/11/22 14:35	LA	TAL SAV
Total/NA	Analysis	8081B/8082A		1			730368	07/13/22 02:11	JCK	TAL SAV
Instrument ID: CSGK										
Total/NA	Prep	8151A			126.2 mL	5 mL	730244	07/12/22 10:59	KD	TAL SAV
Total/NA	Analysis	8151A		1			730721	07/15/22 03:29	JCK	TAL SAV
Instrument ID: CSGS										

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Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: GWA-2

Lab Sample ID: 680-218047-2

Date Collected: 07/06/22 12:09

Matrix: Ground Water

Date Received: 07/08/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	250 mL	730094	07/11/22 12:16	JE	TAL SAV
Total Recoverable	Analysis	6020A		1			730255	07/12/22 10:44	BWR	TAL SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	730125	07/11/22 15:32	BCB	TAL SAV
Total/NA	Analysis	7470A		1			730334	07/12/22 12:22	BCB	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	Distill/CN			6 mL	6 mL	730845	07/15/22 09:26	JAS	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0		1			730987	07/15/22 17:26	JAS	TAL SAV
Instrument ID: KONELAB4										
Total/NA	Analysis	4500 S2 F-2011		1	310 mL	310 mL	730234	07/12/22 10:07	JAS	TAL SAV
Instrument ID: KONELAB4										

Client Sample ID: GWC-12R

Lab Sample ID: 680-218047-3

Date Collected: 07/05/22 11:40

Matrix: Ground Water

Date Received: 07/08/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	730411	07/13/22 19:28	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3520C			1043.3 mL	1 mL	730254	07/12/22 16:15	IR	TAL SAV
Total/NA	Analysis	8270D		1			730969	07/15/22 22:38	T1C	TAL SAV
Instrument ID: CMSG										
Total/NA	Prep	8011			36.9 mL	2 mL	730286	07/12/22 13:15	GEM	TAL SAV
Total/NA	Analysis	8011		1			730343	07/13/22 11:21	JCK	TAL SAV
Instrument ID: CSGX										
Total/NA	Prep	3510C			259.3 mL	1 mL	730118	07/11/22 14:35	LA	TAL SAV
Total/NA	Analysis	8081B/8082A		1			730368	07/13/22 02:27	JCK	TAL SAV
Instrument ID: CSGK										
Total/NA	Prep	8151A			125.2 mL	5 mL	730244	07/12/22 10:59	KD	TAL SAV
Total/NA	Analysis	8151A		1			730721	07/15/22 03:51	JCK	TAL SAV
Instrument ID: CSGS										
Total Recoverable	Prep	3005A			50 mL	250 mL	730094	07/11/22 12:16	JE	TAL SAV
Total Recoverable	Analysis	6020A		1			730255	07/12/22 10:47	BWR	TAL SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	730125	07/11/22 15:32	BCB	TAL SAV
Total/NA	Analysis	7470A		1			730334	07/12/22 12:35	BCB	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	Distill/CN			6 mL	6 mL	730845	07/15/22 09:26	JAS	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0		1			730987	07/15/22 17:26	JAS	TAL SAV
Instrument ID: KONELAB4										
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	730234	07/12/22 10:07	JAS	TAL SAV
Instrument ID: KONELAB4										

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-218047-4

Date Collected: 07/05/22 00:00

Matrix: Water

Date Received: 07/08/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	730411	07/13/22 15:48	Y1S	TAL SAV
Instrument ID: CMSU										

Laboratory References:

TAL SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Accreditation/Certification Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Georgia	State	E87052	06-30-22 *

- 1
- 2
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* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-218047-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SAV
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
8151A	Herbicides (GC)	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
335.4-1993 R1.0	Cyanide, Total	MCAWW	TAL SAV
4500 S2 F-2011	Sulfide, Total	SM	TAL SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL SAV
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL SAV
3520C	Liquid-Liquid Extraction (Continuous)	SW846	TAL SAV
5030C	Purge and Trap	SW846	TAL SAV
7470A	Preparation, Mercury	SW846	TAL SAV
8011	Microextraction	SW846	TAL SAV
8151A	Extraction (Herbicides)	SW846	TAL SAV
Distill/CN	Distillation, Cyanide	None	TAL SAV

Protocol References:

- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- None = None
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

- TAL SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Login Sample Receipt Checklist

Client: GFL Environmental

Job Number: 680-218047-1

Login Number: 218047

List Number: 1

Creator: Watters, David

List Source: Eurofins Savannah

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

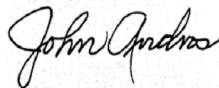
ANALYTICAL REPORT

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-220214-1
Client Project/Site: Eagle Point Landfill

For:
GFL Environmental
6905 Roosevelt Hwy
Fairburn, Georgia 30213

Attn: Robert Heller



Authorized for release by:
8/31/2022 12:13:47 PM

John Andros, Project Manager I
(404)944-4744

John.Andros@et.eurofinsus.com

LINKS

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results through



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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Qualifiers

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

Glossary

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

Sample Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-220214-1	GWC-7	Ground Water	08/24/22 12:16	08/26/22 10:00
680-220214-2	GWC-17	Ground Water	08/24/22 12:22	08/26/22 10:00
680-220214-3	GWC-18	Ground Water	08/24/22 11:50	08/26/22 10:00
680-220214-4	GWC-19	Ground Water	08/24/22 11:19	08/26/22 10:00
680-220214-5	GWC-21	Ground Water	08/24/22 11:28	08/26/22 10:00
680-220214-6	SWC-1	Surface Water	08/24/22 12:31	08/26/22 10:00

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Case Narrative

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Job ID: 680-220214-1

Laboratory: Eurofins Savannah

Narrative

**Job Narrative
680-220214-1**

Receipt

The samples were received on 8/26/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.4°C

GC/MS VOA

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

Metals

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



Detection Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Client Sample ID: GWC-7

Lab Sample ID: 680-220214-1

No Detections.

Client Sample ID: GWC-17

Lab Sample ID: 680-220214-2

No Detections.

Client Sample ID: GWC-18

Lab Sample ID: 680-220214-3

No Detections.

Client Sample ID: GWC-19

Lab Sample ID: 680-220214-4

No Detections.

Client Sample ID: GWC-21

Lab Sample ID: 680-220214-5

No Detections.

Client Sample ID: SWC-1

Lab Sample ID: 680-220214-6

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Savannah



Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Client Sample ID: GWC-7

Lab Sample ID: 680-220214-1

Date Collected: 08/24/22 12:16

Matrix: Ground Water

Date Received: 08/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND	^+	0.010		mg/L		08/30/22 06:14	08/31/22 02:18	1
Cobalt	ND		0.0060		mg/L		08/30/22 06:14	08/31/22 02:18	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Client Sample ID: GWC-17

Lab Sample ID: 680-220214-2

Date Collected: 08/24/22 12:22

Matrix: Ground Water

Date Received: 08/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND	^+	0.010		mg/L		08/30/22 06:14	08/31/22 02:22	1
Cobalt	ND		0.0060		mg/L		08/30/22 06:14	08/31/22 02:22	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Client Sample ID: GWC-18

Lab Sample ID: 680-220214-3

Date Collected: 08/24/22 11:50

Matrix: Ground Water

Date Received: 08/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.0		ug/L			08/29/22 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130		08/29/22 18:33	1
Dibromofluoromethane (Surr)	109		70 - 130		08/29/22 18:33	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 124		08/29/22 18:33	1
Toluene-d8 (Surr)	104		70 - 130		08/29/22 18:33	1



Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Client Sample ID: GWC-19

Lab Sample ID: 680-220214-4

Date Collected: 08/24/22 11:19

Matrix: Ground Water

Date Received: 08/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.0		ug/L			08/29/22 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130					08/29/22 18:13	1
Dibromofluoromethane (Surr)	108		70 - 130					08/29/22 18:13	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 124					08/29/22 18:13	1
Toluene-d8 (Surr)	104		70 - 130					08/29/22 18:13	1



Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Client Sample ID: GWC-21

Lab Sample ID: 680-220214-5

Date Collected: 08/24/22 11:28

Matrix: Ground Water

Date Received: 08/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.0		ug/L			08/29/22 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130					08/29/22 15:56	1
Dibromofluoromethane (Surr)	105		70 - 130					08/29/22 15:56	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 124					08/29/22 15:56	1
Toluene-d8 (Surr)	106		70 - 130					08/29/22 15:56	1



Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Client Sample ID: SWC-1

Lab Sample ID: 680-220214-6

Date Collected: 08/24/22 12:31

Matrix: Surface Water

Date Received: 08/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.0		ug/L			08/29/22 16:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130					08/29/22 16:15	1
Dibromofluoromethane (Surr)	104		70 - 130					08/29/22 16:15	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 124					08/29/22 16:15	1
Toluene-d8 (Surr)	105		70 - 130					08/29/22 16:15	1



QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

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

Lab Sample ID: MB 680-737852/9

Matrix: Water

Analysis Batch: 737852

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.0		ug/L			08/29/22 12:56	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130					08/29/22 12:56	1
Dibromofluoromethane (Surr)	108		70 - 130					08/29/22 12:56	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 124					08/29/22 12:56	1
Toluene-d8 (Surr)	105		70 - 130					08/29/22 12:56	1

Lab Sample ID: LCS 680-737852/5

Matrix: Water

Analysis Batch: 737852

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
cis-1,2-Dichloroethene	50.0	49.9		ug/L		100	70 - 130	
Surrogate	%Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene (Surr)	95		70 - 130					
Dibromofluoromethane (Surr)	100		70 - 130					
1,2-Dichloroethane-d4 (Surr)	102		60 - 124					
Toluene-d8 (Surr)	103		70 - 130					

Lab Sample ID: LCSD 680-737852/6

Matrix: Water

Analysis Batch: 737852

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	50.0	49.1		ug/L		98	70 - 130	2	30
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	95		70 - 130						
Dibromofluoromethane (Surr)	99		70 - 130						
1,2-Dichloroethane-d4 (Surr)	100		60 - 124						
Toluene-d8 (Surr)	101		70 - 130						

Lab Sample ID: MB 680-737880/10

Matrix: Water

Analysis Batch: 737880

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.0		ug/L			08/29/22 14:26	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130					08/29/22 14:26	1
Dibromofluoromethane (Surr)	105		70 - 130					08/29/22 14:26	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 124					08/29/22 14:26	1
Toluene-d8 (Surr)	104		70 - 130					08/29/22 14:26	1

Eurofins Savannah

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

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

Lab Sample ID: LCS 680-737880/5

Matrix: Water

Analysis Batch: 737880

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	50.0	51.3		ug/L		103	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	91		70 - 130				
Dibromofluoromethane (Surr)	105		70 - 130				
1,2-Dichloroethane-d4 (Surr)	103		60 - 124				
Toluene-d8 (Surr)	101		70 - 130				

Lab Sample ID: LCSD 680-737880/6

Matrix: Water

Analysis Batch: 737880

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	50.0	51.6		ug/L		103	70 - 130	1	30
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	92		70 - 130						
Dibromofluoromethane (Surr)	107		70 - 130						
1,2-Dichloroethane-d4 (Surr)	104		60 - 124						
Toluene-d8 (Surr)	100		70 - 130						

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-737996/1-A

Matrix: Water

Analysis Batch: 738218

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 737996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND	^+	0.010		mg/L		08/30/22 05:52	08/31/22 01:19	1
Cobalt	ND		0.0060		mg/L		08/30/22 05:52	08/31/22 01:19	1

Lab Sample ID: LCS 680-737996/2-A

Matrix: Water

Analysis Batch: 738218

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 737996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.100	0.111	^+	mg/L		111	80 - 120
Cobalt	0.0500	0.0546		mg/L		109	80 - 120

QC Association Summary

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

GC/MS VOA

Analysis Batch: 737852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220214-3	GWC-18	Total/NA	Ground Water	8260D	
680-220214-4	GWC-19	Total/NA	Ground Water	8260D	
MB 680-737852/9	Method Blank	Total/NA	Water	8260D	
LCS 680-737852/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-737852/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 737880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220214-5	GWC-21	Total/NA	Ground Water	8260D	
680-220214-6	SWC-1	Total/NA	Surface Water	8260D	
MB 680-737880/10	Method Blank	Total/NA	Water	8260D	
LCS 680-737880/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-737880/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Metals

Prep Batch: 737996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220214-1	GWC-7	Total Recoverable	Ground Water	3005A	
680-220214-2	GWC-17	Total Recoverable	Ground Water	3005A	
MB 680-737996/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-737996/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 738218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220214-1	GWC-7	Total Recoverable	Ground Water	6020B	737996
680-220214-2	GWC-17	Total Recoverable	Ground Water	6020B	737996
MB 680-737996/1-A	Method Blank	Total Recoverable	Water	6020B	737996
LCS 680-737996/2-A	Lab Control Sample	Total Recoverable	Water	6020B	737996

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Client Sample ID: GWC-7

Date Collected: 08/24/22 12:16

Date Received: 08/26/22 10:00

Lab Sample ID: 680-220214-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	250 mL	737996	08/30/22 06:14	RR	EET SAV
Total Recoverable	Analysis	6020B		1			738218	08/31/22 02:18	BWR	EET SAV

Instrument ID: ICPMSD

Client Sample ID: GWC-17

Date Collected: 08/24/22 12:22

Date Received: 08/26/22 10:00

Lab Sample ID: 680-220214-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	250 mL	737996	08/30/22 06:14	RR	EET SAV
Total Recoverable	Analysis	6020B		1			738218	08/31/22 02:22	BWR	EET SAV

Instrument ID: ICPMSD

Client Sample ID: GWC-18

Date Collected: 08/24/22 11:50

Date Received: 08/26/22 10:00

Lab Sample ID: 680-220214-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	737852	08/29/22 18:33	UI	EET SAV

Instrument ID: CMSB

Client Sample ID: GWC-19

Date Collected: 08/24/22 11:19

Date Received: 08/26/22 10:00

Lab Sample ID: 680-220214-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	737852	08/29/22 18:13	UI	EET SAV

Instrument ID: CMSB

Client Sample ID: GWC-21

Date Collected: 08/24/22 11:28

Date Received: 08/26/22 10:00

Lab Sample ID: 680-220214-5

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	737880	08/29/22 15:56	Y1S	EET SAV

Instrument ID: CMSC

Client Sample ID: SWC-1

Date Collected: 08/24/22 12:31

Date Received: 08/26/22 10:00

Lab Sample ID: 680-220214-6

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	737880	08/29/22 16:15	Y1S	EET SAV

Instrument ID: CMSC

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah

Accreditation/Certification Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Georgia	State	E87052	06-30-23

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

Method Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-220214-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
5030B	Purge and Trap	SW846	EET SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Login Sample Receipt Checklist

Client: GFL Environmental

Job Number: 680-220214-1

Login Number: 220214

List Number: 1

Creator: Padayao, Abigail

List Source: Eurofins Savannah

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



APPENDIX B
Summary Tables of Groundwater Analytical Results

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #14 (7-11-07)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	FIELD BLANK				
pH	pH units (on-site)	-	-	-	4.99	5.61	6.62	5.75	5.67	5.43	5.45	5.94	5.72	5.95	4.64	4.44	5.48	5.84	NS	6.07	NP	5.38	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Specific Conductance	uS/cm (on-site)	-	-	-	46	59	28	33	35	91	125	56	75	68	46	40	60	37	NS	44	NP	49	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Temperature	°C (on-site)	-	-	-	17	17.5	19.2	18.3	18.5	18.7	19.6	19	21	25	19.3	18.7	20.1	21.3	NS	21.4	NP	21.2	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Turbidity	NTU (on-site)	0.1	-	-	11	18	7.51	10	45	50	160	6.26	13	17	40	1.64	39	15	NS	65	NP	53	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND	
Total Arsenic (As)	(µg/l)	50	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND	
Total Barium (Ba)	(µg/l)	20	20	2000	20	ND	ND	ND	20	20	90	30	ND	40	20	20	40	30	NS	50	NP	110	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND																																

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #19 (1-6-10)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GW-A-1	GW-A-2	GW-C-1	GW-C-2	GW-C-3	GW-C-4	GW-C-5	GW-C-6	GW-C-7	GW-C-7A	GW-C-8	GW-C-9	GW-C-10	GW-C-11	GW-C-12R	GW-C-13	GW-C-14R	GW-C-15	GW-C-16	GW-C-17	GW-C-18	GW-C-19	GW-C-20	GW-C-21	GW-C-22	GW-C-23	GW-C-24	GW-C-25	GW-C-26	GW-C-27	GW-C-28	GW-C-29	FIELD BLANK			
pH	pH units (on-site)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Specific Conductance	uS/cm (on-site)	-	-	-	26	38	25	25	20	28	101	86	75	22	20	31	24	94	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Temperature	°C (on-site)	-	-	-	9.7	10.7	12.9	12.9	12.1	12.9	8.8	16.6	7.2	12.6	14.2	12.4	14.4	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Turbidity	NTU (on-site)	0.1	-	-	60	20	28	7	22	7	109	6	90	8	112	2	10	13	129	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Antimony (Sb)	(ug/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Arsenic (As)	(ug/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Barium (Ba)	(ug/l)	20	20	2000	25	ND	ND	22	25	ND	68	44	44	27	42	ND	22	74	83	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Beryllium (Be)	(ug/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Cadmium (Cd)	(ug/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Chromium (Cr)	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Cobalt (Co)	(ug/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Copper (Cu)	(ug/l)	20	60	1300	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Lead (Pb)	(ug/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Silver (Ag)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Thallium (Tl)	(ug/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Vanadium (V)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Zinc (Zn)	(ug/l)	20	20	NE	28	ND	ND	ND	ND	22	42	ND	25	ND	ND	ND	28	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Acetone	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Acrylonitrile	(ug/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Benzene	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromochloromethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromodichloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromoform *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Carbon tetrachloride	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chlorobenzene	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Dibromochloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Dibromomethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,2-Dichlorobenzene	(ug/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,4-Dichlorobenzene	(ug/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,1-Dichloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,2-Dichloroethane	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,1-Dichloroethane (-ethylene)	(ug/l)	2	2	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
cis-1,2-Dichloroethane (-ethylene)	(ug/l)	2	2																																					

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #24 (7-6-12)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GW-A-1	GW-A-2	GW-C-1	GW-C-2	GW-C-3	GW-C-4	GW-C-5	GW-C-6	GW-C-7	GW-C-7A	GW-C-8	GW-C-9	GW-C-10B	GW-C-11	GW-C-12R	GW-C-13R	GW-C-14R	GW-C-15	GW-C-16	GW-C-17	GW-C-18	GW-C-19	GW-C-20	GW-C-21	GW-C-22	GW-C-23	GW-C-24	GW-C-25	GW-C-26	GW-C-27	GW-C-28	GW-C-29	FIELD BLANK					
pH	pH units (on-site)	-	-	-	4.59	4.9	5.51	4.94	4.61	4.8	5.36	5.39	6.36	6.21	5.61	Dry	5.31	Dry	6.05	5.48	NP	5.46	4.7	4.8	Dry	6.91	7.21	5.95	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP				
Specific Conductance	uS/cm (on-site)	-	-	-	15	19	36	17	19	26	55	73	85	72	94	Dry	34	Dry	200	74	NP	37	36	46	Dry	55	138	60	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Temperature	°C (on-site)	-	-	-	19.3	16.8	19.5	17.1	16.2	12.9	20	19	19.1	21.3	17.1	Dry	16.9	Dry	17.5	18.8	NP	19	17	16.3	Dry	18.2	17.1	16.9	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Turbidity	NTU (on-site)	0.1	-	-	45	0	8	10	7	0	18	0	20	6	4	Dry	7	Dry	160	3	NP	8	8	0	Dry	683	5	71	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Antimony (Sb)	(ug/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Arsenic (As)	(ug/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Barium (Ba)	(ug/l)	20	20	2000	ND	ND	ND	20.3	22.9	21.4	33.3	66.8	20.9	29.3	58.9	Dry	22.5	Dry	74.4	22	NP	61.3	25.4	ND	Dry	33.8	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Beryllium (Be)	(ug/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Cadmium (Cd)	(ug/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Chromium (Cr)	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Cobalt (Co)	(ug/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Copper (Cu)	(ug/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Lead (Pb)	(ug/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Silver (Ag)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Thallium (Tl)	(ug/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Vanadium (V)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Zinc (Zn)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	21.8	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	24.4	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Acetone	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Acrylonitrile	(ug/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Benzene	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromochloromethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromodichloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromofom *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Carbon tetrachloride	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chlorobenzene	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Dibromochloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Dibromomethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,2-Dichlorobenzene	(ug/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,4-Dichlorobenzene	(ug/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,1-Dichloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND															

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #26 (7-3-13)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10B	GWC-11	GWC-12R	GWC-13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	FIELD BLANK				
pH	pH units (on-site)	-	-	-	3.51	5.08	5.89	4.67	4.78	4.16	4.77	4.96	6.41	5.48	3.63	5.41	5.29	4.3	5.28	5.41	NP	4.78	5.27	5.06	5.51	5.73	7.58	4.41	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Specific Conductance	uS/cm (on-site)	-	-	-	8	25	36	16	20	21	46	67	92	65	72	89	32	22	102	65	NP	69	36	49	20	39	150	29	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Temperature	°C (on-site)	-	-	-	15.7	16.9	16.9	17.3	17.5	17	19.6	21.5	19.4	19.6	17.1	17.6	17.6	18.4	19.1	18.6	NP	17.8	18	16.5	20.3	18.8	19.2	15.8	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Turbidity	NTU (on-site)	0.1	-	-	68	3	9	8	2	9	3	4	8	0	0	1	0	18	11	8	NP	16	10	15	9	18	3	12	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Antimony (Sb)	(ug/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Arsenic (As)	(ug/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Barium (Ba)	(ug/l)	20	20	2000	26.6	ND	ND	ND	21.6	ND	36.5	63.9	ND	26.8	54.8	37.6	ND	45.6	ND	NP	48.7	23.7	38	ND	ND	22.2	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Beryllium (Be)	(ug/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Cadmium (Cd)	(ug/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Chromium (Cr)	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Cobalt (Co)	(ug/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Copper (Cu)	(ug/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Lead (Pb)	(ug/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Silver (Ag)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Thallium (Tl)	(ug/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Vanadium (V)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Zinc (Zn)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	38.1	ND	ND	ND	21.7	ND	34.5	ND	NP	ND	ND	ND	ND	ND	ND	ND	25.4	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Acetone	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Acrylonitrile	(ug/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Benzene	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromochloromethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromodichloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Bromofom *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Carbon tetrachloride	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Chlorobenzene	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Chloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Dibromochloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Dibromomethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
1,2-Dichlorobenzene	(ug/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
1,4-Dichlorobenzene	(ug/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
1,1-Dichloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
1,2-Dichloroethane	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
1,1-Dichloroethene (-ethylene)	(ug/l)	2	2	7	ND	ND	ND																																		

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #35 (1-4-18)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GWC-A1	GWC-A2	GWC-C1	GWC-C2	GWC-C3	GWC-C4	GWC-C5	GWC-C6	GWC-C7	GWC-C7A	GWC-C8	GWC-C9	GWC-10D	GWC-11	GWC-12R	GWC-13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	FIELD BLANK				
pH	pH units (on-site)	-	-	-	4.54	5.24	5.88	5.48	4.98	5.13	5.07	5.14	6.42	6.1	4.68	4.11	5.15	4.71	5.93	5.71	5.81	5.07	5.21	5.11	5.7	5.55	7.01	5.14	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT			
Specific Conductance	uS/cm (on-site)	-	-	-	9	15	23	25	11	17	51	64	76	65	69	219	35	179	339	90	147	23	68	61	36	38	107	25	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT		
Temperature	°C (on-site)	-	-	-	13.3	14.4	16.4	15.7	14	14.1	14.5	16.9	16.6	17.4	17.3	17.5	14.8	15.6	10.4	11.7	13.2	14.2	15.1	14.7	13.8	11.8	13.6	12.9	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT		
Turbidity	NTU (on-site)	0.1	-	-	8	3	4	1100	4	8	3	3	8	4	8	1	8	8	9	6	3	9	1	9	9	8	8	4	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT	
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND		
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND	
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	ND	21.8	ND	ND	33.5	71.4	ND	29.2	53.7	366	34.7	205	55.9	35.5	44.1	77.1	63.3	30.9	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND	
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND	
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND	
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	208	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	32	ND	ND	ND	ND	155	ND	ND	41.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromochloroethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromodichloroethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Dibromochloroethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)																																								

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #38 (7-18-19)

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10B	GWC-11	GWC-12R	GWC-13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	FIELD BLANK	
pH	pH units (on-site)	-	-	-	4.34	4.58	5.49	5.61	4.56	5.01	4.17	5.51	6.27	5.92	4.57	4.06	5.08	4.56	5.48	5.24	5.5	4.45	4.77	5.08	5	5.43	6.89	4.74	NP	NP	5.32	4.97	4.82	5.1	5.71	5.13	NT	
Specific Conductance	uS/cm (on-site)	1	-	-	11	24	32	17	17	33	44	70	82	72	83	326	48	256	507	77	160	39	127	74	22	40	151	33	NP	NP	32	37	66	22	40	21	NT	
Temperature	°C (on-site)	-	-	-	17.7	17.4	19.2	18.5	16.2	18	17.7	19.5	20	20.9	18.6	18.9	18.7	18.5	18.7	16.8	24.4	19.7	17.2	17.5	19.1	16.8	17.8	17.9	NP	NP	16.8	17	18.3	16.5	16.8	17.3	NT	
Turbidity	NTU (on-site)	0.1	-	-	8	4	7	10	2	1	2	1	10	3	1	1	2	4	1	3	1	4	69	2	1	4	7	1	NP	NP	2	10	10	1	1	1	NT	
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	ND	ND	ND	25	40	73	20	30	63	350	36	250	70	27	45	100	110	32	26	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170	ND	ND	57	73	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	ND	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	59	ND	ND	ND	23	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	23	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	21	NT
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Bromofom *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	ND	ND																													

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #N2 New wells (8-10-20)

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GW-A-1	GW-A-2	GW-C-1	GW-C-2	GW-C-3	GW-C-4	GW-C-5	GW-C-6	GW-C-7	GW-C-7A	GW-C-8	GW-C-9	GW-C-10B	GW-C-11	GW-C-12R	GW-C-13R	GW-C-14R	GW-C-15	GW-C-16	GW-C-17	GW-C-18	GW-C-19	GW-C-20	GW-C-21	GW-C-22	GW-C-23	GW-C-24	GW-C-25	GW-C-26	GW-C-27	GW-C-28	GW-C-29	FIELD BLANK	
pH	pH units (on-site)	-	-	-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Specific Conductance	uS/cm (on-site)	-	-	-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Temperature	°C (on-site)	-	-	-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Turbidity	NTU (on-site)	0.1	-	-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Antimony (Sb)	(ug/l)	6	6	6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Arsenic (As)	(ug/l)	10	10	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Barium (Ba)	(ug/l)	20	20	2000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Beryllium (Be)	(ug/l)	3	3	4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Cadmium (Cd)	(ug/l)	5	5	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Chromium (Cr)	(ug/l)	10	10	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Cobalt (Co)	(ug/l)	40	40	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Copper (Cu)	(ug/l)	20	60	1300	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Lead (Pb)	(ug/l)	15	15	15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Nickel (Ni)	(ug/l)	20	20	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Selenium (Se)	(ug/l)	10	10	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Silver (Ag)	(ug/l)	10	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Thallium (Tl)	(ug/l)	2	2	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Vanadium (V)	(ug/l)	20	20	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Zinc (Zn)	(ug/l)	20	20	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	(ug/l)	100	100	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acrylonitrile	(ug/l)	50	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	(ug/l)	2	2	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bromochloromethane	(ug/l)	10	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane *	(ug/l)	10	10	80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bromoform *	(ug/l)	10	10	80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Carbon Disulfide	(ug/l)	5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Carbon tetrachloride	(ug/l)	2	2	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	(ug/l)	10	10	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	(ug/l)	2	2	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroform *	(ug/l)	2	2	80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibromochloromethane *	(ug/l)	10	10	80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibromomethane	(ug/l)	10	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	(ug/l)	10	10	600	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	(ug/l)	10	10	75	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	(ug/l)	2	2	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	(ug/l)	2	2	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethene (-ethylene)	(ug/l)	2	2	7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene (-ethylene)	(ug/l)	2	2	70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene (-ylene)	(ug/l)	2	2	100	NS	NS	NS</																															

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #41 (1-7-21)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GW-A-1	GW-A-2	GW-C-1	GW-C-2	GW-C-3	GW-C-4	GW-C-5	GW-C-6	GW-C-7	GW-C-7A	GW-C-8	GW-C-9	GW-C-10B	GW-C-11	GW-C-12R	GW-C-13R	GW-C-14R	GW-C-15	GW-C-16	GW-C-17	GW-C-18	GW-C-19	GW-C-20	GW-C-21	GW-C-22	GW-C-23	GW-C-24	GW-C-25	GW-C-26	GW-C-27	GW-C-28	GW-C-29	FIELD BLANK		
pH	pH units (on-site)	-	-	-	5.06	5.68	6.64	5.64	5.34	5.12	4.98	5.38	6.57	6.34	4.59	4.1	5.26	4.51	5.58	5.94	6.1	5.34	5.2	5.11	4.98	6.1	6.85	5.39	5.54	6.14	5.79	5.27	5.63	5.44	6.02	5.55	NT		
Specific Conductance	uS/cm (on-site)	-	-	-	11	27	38	17	17	35	40	71	103	90	90	445	96	605	557	111	120	44	178	79	27	42	121	51	26	43	50	44	64	24	46	28	NT		
Temperature	°C (on-site)	-	-	-	14.5	16	16.9	14.6	14.7	15.7	16.8	18.1	17.8	18.7	18.4	17.9	16	14.1	15.8	14.1	14.1	16.4	15	16.4	16.1	14	14.3	16.1	14.5	13.9	14.5	13.9	14.5	15.1	16	15.6	14.8	15.3	NT
Turbidity	NTU (on-site)	0.1	-	-	3	2	2	19	1	0	1	0	4	2	2	1	1	1	9	1	2	4	3	4	3	4	3	1	2	9	2	9	3	2	4	8	NT		
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	ND	24	21	31	41	77	ND	35	68	390	72	620	95	37	27	120	120	34	28	ND	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	ND		
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Cobalt (Co)	(µg/l)	6	6	NE	ND	ND	ND	ND	ND	ND	9.4	ND	ND	24	150	ND	150	99	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	250	ND	ND	ND	ND	ND	ND	ND	130	ND	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23	ND	
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromofom *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2butene	(µg/l)	5	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1-Dichloroethane (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
cis-1,2-Dichloroethane (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	ND	ND																														

APPENDIX C
Summary Tables of Underdrain Analytical Results

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #2 (4-15-02)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.35	NP	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	75	NP	NP	NP	NT
Temperature	°C (on-site)	-	-	-	17.1	NP	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	2.47	NP	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	NP	NP	NP	ND
Total Arsenic (As)	(µg/l)	50	10	10	ND	NP	NP	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	50	NP	NP	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	NP	NP	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	NP	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	NP	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	NP	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	NP	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	NP	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	NP	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	30	NP	NP	NP	ND
Acetone	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	NP	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	NP	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	NP	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	NP	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Toluene	(µg/l)	2	2	1000	13	NP	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	NP	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	NP	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	NP	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	NP	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	NP	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #5 (2-28-03)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.1	NP	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	69	NP	NP	NP	NT
Temperature	°C (on-site)	-	-	-	12.6	NP	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	7.13	NP	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	NP	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	NP	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	60	NP	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	NP	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	NP	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	NP	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	NP	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	NP	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	NP	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	NP	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	NP	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	NP	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	NP	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	NP	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	80	NP	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	NP	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	NP	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	NP	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	NP	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	NP	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	NP	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	NP	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	NP	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	NP	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	NP	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #6 (7-23-03)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.83	NP	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	60	NP	NP	NP	NT
Temperature	°C (on-site)	-	-	-	18.6	NP	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	2.51	NP	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	NP	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	NP	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	30	NP	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	NP	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	NP	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	NP	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	NP	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	NP	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	NP	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	NP	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	NP	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	NP	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	NP	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	NP	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	30	NP	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	6	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	NP	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	NP	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	NP	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	NP	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	NP	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	NP	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	NP	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	NP	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	NP	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	NP	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #7 (1-6-04)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.21	NP	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	91	NP	NP	NP	NT
Temperature	°C (on-site)	-	-	-	12.2	NP	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	3.38	NP	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	NP	NP	NP	ND
Total Arsenic (As)	(µg/l)	50	10	10	ND	NP	NP	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	40	NP	NP	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	NP	NP	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	60	NP	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	NP	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	NP	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	NP	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	NP	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	NP	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	NP	NP	NP	ND
Acetone	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	NP	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	NP	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	NP	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	NP	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	NP	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	NP	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	NP	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	NP	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	NP	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	NP	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #8 (7-7-04)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.08	NP	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	64	NP	NP	NP	NT
Temperature	°C (on-site)	-	-	-	17.8	NP	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	24	NP	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	NP	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	NP	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	40	NP	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	NP	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	NP	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	NP	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	NP	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	NP	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	NP	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	NP	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	NP	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	NP	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	NP	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	NP	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	NP	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	NP	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	NP	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	NP	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	NP	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	NP	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	NP	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	NP	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	NP	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	NP	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	NP	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #9 (1-12-05)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.12	6.22	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	55	107	NP	NP	NT
Temperature	°C (on-site)	-	-	-	16.9	13.5	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	64	6.92	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	40	ND	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	50	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #10 (7-21-05)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.08	6.71	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	287	171	NP	NP	NT
Temperature	°C (on-site)	-	-	-	19.5	27.3	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	22	8.22	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	30	30	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	40	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #11 (1-18-06)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.47	6.56	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	137	65	NP	NP	NT
Temperature	°C (on-site)	-	-	-	12.9	6.1	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	270	14	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	50	ND	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	40	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #12 (7-6-06)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	Dry	6.36	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	Dry	52	NP	NP	NT
Temperature	°C (on-site)	-	-	-	Dry	19.2	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	Dry	7.02	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	Dry	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	Dry	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	Dry	20	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	Dry	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	Dry	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	Dry	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	Dry	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	Dry	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	Dry	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	Dry	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	Dry	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	Dry	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	Dry	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	Dry	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	Dry	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	Dry	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	Dry	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	Dry	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	Dry	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	Dry	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	Dry	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	Dry	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	Dry	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	Dry	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	Dry	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	Dry	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	Dry	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	Dry	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	Dry	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	Dry	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	Dry	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #13 (1-4-07)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.49	6.74	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	474	80	NP	NP	NT
Temperature	°C (on-site)	-	-	-	16.3	12.6	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	520	9.36	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	160	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	60	30	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #14 (7-11-07)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	Dry	6.43	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	Dry	87	NP	NP	NT
Temperature	°C (on-site)	-	-	-	Dry	19.8	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	Dry	4.65	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	Dry	ND	NP	NP	ND
Total Arsenic (As)	(µg/l)	50	10	10	Dry	ND	NP	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	Dry	20	NP	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	Dry	ND	NP	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	Dry	ND	NP	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	Dry	ND	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	Dry	ND	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	Dry	ND	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	Dry	ND	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	Dry	ND	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	Dry	ND	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	Dry	ND	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	Dry	ND	NP	NP	ND
Acetone	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	Dry	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	Dry	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	Dry	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	Dry	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	Dry	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	Dry	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	Dry	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	Dry	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	Dry	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	Dry	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	Dry	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	Dry	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	Dry	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	Dry	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	Dry	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	Dry	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #15 (1-3-08)**

TEST	UNITS	L.AB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.69	6.54	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	173	149	NP	NP	NT
Temperature	°C (on-site)	-	-	-	13.3	9.2	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	34	0.3	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	50	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	50	30	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #16 (7-2-08)**

TEST	UNITS	L.AB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6	4.92	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	173	118	NP	NP	NT
Temperature	°C (on-site)	-	-	-	21.8	17.8	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	>1000	5.77	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	ND	10	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	1100	30	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	7	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	20	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	150	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	50	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #17 (1-5-09)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.11	6.19	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	224	139	NP	NP	NT
Temperature	°C (on-site)	-	-	-	13.5	11.9	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	195	22	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	62	51	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	32	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	0.26	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	0.18	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #18 (7-6-09)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	Dry	4.48	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	Dry	160	NP	NP	NT
Temperature	°C (on-site)	-	-	-	Dry	19.2	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	Dry	0	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	Dry	ND	NP	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	Dry	ND	NP	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	Dry	37	NP	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	Dry	ND	NP	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	Dry	ND	NP	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	Dry	ND	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	Dry	ND	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	Dry	ND	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	Dry	ND	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	Dry	ND	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	Dry	ND	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	Dry	ND	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	Dry	ND	NP	NP	ND
Acetone	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	Dry	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	Dry	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	Dry	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	Dry	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	Dry	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	Dry	2.5	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	Dry	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	Dry	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	Dry	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	Dry	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	Dry	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	Dry	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	Dry	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	Dry	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	Dry	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	Dry	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #19 (1-6-10)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.89	5.8	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	221	132	NP	NP	NT
Temperature	°C (on-site)	-	-	-	21.7	12.1	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	27	8	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	23	ND	NP	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	43	32	NP	NP	23
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6
11. SWC-5 was re-sampled on 4/23/10.

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #20 (7-8-10)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.02	5.6	Dry	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	200	146	Dry	NP	NT
Temperature	°C (on-site)	-	-	-	20.3	21	Dry	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	100	4	Dry	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	Dry	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	Dry	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	66	33	Dry	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	Dry	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	Dry	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	Dry	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	Dry	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	Dry	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	Dry	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	Dry	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	Dry	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	Dry	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	Dry	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	Dry	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	Dry	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	Dry	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	Dry	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	Dry	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	Dry	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	Dry	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	Dry	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	Dry	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	Dry	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	Dry	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	Dry	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	Dry	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	1	0.20	0.20	ND	ND	Dry	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	1	0.05	0.05	ND	ND	Dry	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	Dry	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6
11. SWC-5 was re-sampled on 9/28/10.

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #21 (1-7-11)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.22	5.1	Dry	NP	ND
Specific Conductance	uS/cm (on-site)	1	-	-	220	126	Dry	NP	ND
Temperature	°C (on-site)	-	-	-	19.9	19.8	Dry	NP	ND
Turbidity	NTU (on-site)	0.1	-	-	0	0	Dry	NP	ND
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	Dry	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	20.2	ND	Dry	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	40.9	34.2	Dry	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	Dry	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	Dry	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	Dry	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	Dry	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	Dry	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	Dry	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	Dry	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	Dry	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	Dry	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	Dry	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	Dry	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	2	Dry	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	Dry	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	Dry	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	Dry	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	Dry	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	Dry	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	Dry	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	Dry	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	Dry	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #22 (7-5-11)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.51	5.67	Dry	NP	ND
Specific Conductance	uS/cm (on-site)	1	-	-	415	141	Dry	NP	ND
Temperature	°C (on-site)	-	-	-	19.9	20.7	Dry	NP	ND
Turbidity	NTU (on-site)	0.1	-	-	26	25	Dry	NP	ND
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	Dry	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	27	17.9	Dry	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	42.3	34.7	Dry	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	Dry	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	Dry	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	Dry	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	Dry	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	Dry	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	Dry	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	Dry	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	Dry	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	Dry	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	Dry	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	Dry	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	2.7	Dry	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	Dry	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	Dry	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	Dry	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	Dry	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	Dry	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	Dry	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	Dry	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	Dry	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #23 (1-5-12)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.14	5.97	6.01	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	278	198	138	NP	NT
Temperature	°C (on-site)	-	-	-	18.1	17.9	14.3	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	0	0	0	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	35.4	67	15.6	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	45	41.5	20.9	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	3.3	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #24 (7-5-12)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.79	5.25	Dry	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	247	151	Dry	NP	NT
Temperature	°C (on-site)	-	-	-	23.2	23.5	Dry	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	10	7	Dry	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	Dry	NP	NT
Total Arsenic (As)	(µg/l)	5	10	10	44	40.4	Dry	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	45.2	54.0	Dry	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	Dry	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	Dry	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	Dry	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	Dry	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	Dry	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	Dry	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	Dry	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	Dry	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	Dry	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	Dry	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	Dry	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	Dry	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	Dry	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	Dry	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	Dry	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	Dry	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	Dry	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	3.6	Dry	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	Dry	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	Dry	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	Dry	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	Dry	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	Dry	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	Dry	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	Dry	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	Dry	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. NE = Not Established; GEPD has not established a MCL
9. MDL = Laboratory Method Detection Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6
11. SWC-6 was sampled on 10-10-12

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #4th Quarter 2012 (10-10-12)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	NS	5.46	NS	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	NS	156	NS	NP	NT
Temperature	°C (on-site)	-	-	-	NS	22.4	NS	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	NS	0	NS	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	NS	ND	NS	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	NS	33.3	NS	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	NS	40.6	NS	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	NS	ND	NS	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	NS	ND	NS	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	NS	ND	NS	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	NS	ND	NS	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	NS	ND	NS	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	NS	ND	NS	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	NS	ND	NS	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	NS	ND	NS	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	NS	ND	NS	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	NS	ND	NS	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	NS	ND	NS	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	NS	ND	NS	NP	NT
Acetone	(µg/l)	100	100	NE	NS	ND	NS	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	NS	ND	NS	NP	ND
Benzene	(µg/l)	2	2	5	NS	ND	NS	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	NS	ND	NS	NP	ND
Bromoform *	(µg/l)	10	10	80	NS	ND	NS	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	NS	ND	NS	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	NS	ND	NS	NP	ND
Chlorobenzene	(µg/l)	10	10	100	NS	ND	NS	NP	ND
Chloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
Chloroform *	(µg/l)	2	2	80	NS	ND	NS	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	NS	ND	NS	NP	ND
Dibromomethane	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	NS	ND	NS	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	NS	ND	NS	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	NS	ND	NS	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	NS	ND	NS	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	NS	ND	NS	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	NS	2.6	NS	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	NS	ND	NS	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	NS	ND	NS	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
Ethylbenzene	(µg/l)	2	2	700	NS	ND	NS	NP	ND
2-Hexanone	(µg/l)	50	50	NE	NS	ND	NS	NP	ND
Iodomethane	(µg/l)	100	100	NE	NS	ND	NS	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	NS	ND	NS	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	NS	ND	NS	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	NS	ND	NS	NP	ND
Styrene	(µg/l)	10	10	100	NS	ND	NS	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	NS	ND	NS	NP	ND
Toluene	(µg/l)	2	2	1000	NS	ND	NS	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	NS	ND	NS	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	NS	ND	NS	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	NS	ND	NS	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	NS	ND	NS	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	NS	ND	NS	NP	ND
Xylenes	(µg/l)	5	5	10000	NS	ND	NS	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	NS	ND	NS	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	NS	ND	NS	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	NS	ND	NS	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #25 (1-7-13)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.11	6.09	Dry	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	403	125	Dry	NP	NT
Temperature	°C (on-site)	-	-	-	14.8	16.73	Dry	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	48	144	Dry	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	Dry	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	37.3	18.2	Dry	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	43.8	36.1	Dry	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	Dry	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	Dry	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	Dry	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	Dry	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	Dry	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	Dry	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	Dry	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	Dry	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	Dry	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	Dry	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	Dry	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	Dry	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	Dry	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	Dry	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	Dry	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	Dry	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	Dry	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	Dry	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	Dry	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	Dry	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	Dry	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	Dry	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	Dry	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	Dry	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	Dry	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	Dry	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6
11. **SWC-6A was sampled on 2-8-13**

Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #2nd Quarter 2013 (4-3-13)

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	NS	5.67	NS	NP	NS
Specific Conductance	uS/cm (on-site)	1	-	-	NS	228	NS	NP	NS
Temperature	°C (on-site)	-	-	-	NS	21.6	NS	NP	NS
Turbidity	NTU (on-site)	0.1	-	-	NS	6	NS	NP	NS
Total Antimony (Sb)	(µg/l)	6	6	6	NS	ND	NS	NP	NS
Total Arsenic (As)	(µg/l)	10	10	10	NS	85.3	NS	NP	NS
Total Barium (Ba)	(µg/l)	20	20	2000	NS	41.5	NS	NP	NS
Total Beryllium (Be)	(µg/l)	3	3	4	NS	ND	NS	NP	NS
Total Cadmium (Cd)	(µg/l)	5	5	5	NS	ND	NS	NP	NS
Total Chromium (Cr)	(µg/l)	10	10	100	NS	ND	NS	NP	NS
Total Cobalt (Co)	(µg/l)	40	40	NE	NS	ND	NS	NP	NS
Total Copper (Cu)	(µg/l)	20	60	1300	NS	ND	NS	NP	NS
Total Lead (Pb)	(µg/l)	15	15	15	NS	ND	NS	NP	NS
Total Nickel (Ni)	(µg/l)	20	20	100	NS	ND	NS	NP	NS
Total Selenium (Se)	(µg/l)	10	10	50	NS	ND	NS	NP	NS
Total Silver (Ag)	(µg/l)	10	10	NE	NS	ND	NS	NP	NS
Total Thallium (Tl)	(µg/l)	2	2	2	NS	ND	NS	NP	NS
Total Vanadium (V)	(µg/l)	20	20	NE	NS	ND	NS	NP	NS
Total Zinc (Zn)	(µg/l)	20	20	NE	NS	ND	NS	NP	NS
Acetone	(µg/l)	100	100	NE	NS	ND	NS	NP	NS
Acrylonitrile	(µg/l)	50	50	NE	NS	ND	NS	NP	NS
Benzene	(µg/l)	2	2	5	NS	ND	NS	NP	NS
Bromochloromethane	(µg/l)	10	10	NE	NS	ND	NS	NP	NS
Bromodichloromethane *	(µg/l)	10	10	80	NS	ND	NS	NP	NS
Bromoform *	(µg/l)	10	10	80	NS	ND	NS	NP	NS
Carbon Disulfide	(µg/l)	5	5	NE	NS	ND	NS	NP	NS
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	NS	ND	NS	NP	NS
Carbon Tetrachloride	(µg/l)	2	2	5	NS	ND	NS	NP	NS
Chlorobenzene	(µg/l)	10	10	100	NS	ND	NS	NP	NS
Chloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	NS
Chloroform *	(µg/l)	2	2	80	NS	ND	NS	NP	NS
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	NS	ND	NS	NP	NS
Dibromochloromethane *	(µg/l)	10	10	80	NS	ND	NS	NP	NS
Dibromomethane	(µg/l)	10	10	NE	NS	ND	NS	NP	NS
1,2-Dichlorobenzene	(µg/l)	10	10	600	NS	ND	NS	NP	NS
1,4-Dichlorobenzene	(µg/l)	10	10	75	NS	ND	NS	NP	NS
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	NS	ND	NS	NP	NS
1,1-Dichloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	NS
1,2-Dichloroethane	(µg/l)	2	2	5	NS	ND	NS	NP	NS
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	NS	ND	NS	NP	NS
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	NS	3.4	NS	NP	NS
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	NS	ND	NS	NP	NS
1,2-Dichloropropane	(µg/l)	2	2	5	NS	ND	NS	NP	NS
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NS	ND	NS	NP	NS
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NS	ND	NS	NP	NS
Ethylbenzene	(µg/l)	2	2	700	NS	ND	NS	NP	NS
2-Hexanone	(µg/l)	50	50	NE	NS	ND	NS	NP	NS
Iodomethane	(µg/l)	100	100	NE	NS	ND	NS	NP	NS
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	NS	ND	NS	NP	NS
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	NS	ND	NS	NP	NS
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	NS	ND	NS	NP	NS
Styrene	(µg/l)	10	10	100	NS	ND	NS	NP	NS
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	NS
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	NS
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	NS	ND	NS	NP	NS
Toluene	(µg/l)	2	2	1000	NS	ND	NS	NP	NS
1,1,1-Trichloroethane	(µg/l)	2	2	200	NS	ND	NS	NP	NS
1,1,2-Trichloroethane	(µg/l)	2	2	5	NS	ND	NS	NP	NS
Trichloroethene (-ethylene)	(µg/l)	2	2	5	NS	ND	NS	NP	NS
Trichlorofluoromethane	(µg/l)	10	10	NE	NS	ND	NS	NP	NS
1,2,3-Trichloropropane	(µg/l)	10	10	NE	NS	ND	NS	NP	NS
Vinyl Acetate	(µg/l)	100	100	NE	NS	ND	NS	NP	NS
Vinyl Chloride	(µg/l)	2	2	2	NS	ND	NS	NP	NS
Xylenes	(µg/l)	5	5	10000	NS	ND	NS	NP	NS
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	NS	ND	NS	NP	NS
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	NS	ND	NS	NP	NS
Total Trihalomethanes	(µg/l)	NA	100	80	NS	ND	NS	NP	NS

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #26 (7-3-13)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	7.36	5.87	5.82	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	24	129	153	NP	NT
Temperature	°C (on-site)	-	-	-	22.3	23.1	21.5	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	430	>1,100	51	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	ND	20.8	149	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	50.6	820	50.8	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	5.0	ND	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	174	ND	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	182	ND	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	109	ND	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	105	ND	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	2.1	ND	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	353	ND	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	25.5	360	ND	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #4th Quarter 2013 (10-4-13)

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	NS	5.63	NS	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	NS	206	NS	NP	NT
Temperature	°C (on-site)	-	-	-	NS	25.3	NS	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	NS	1	NS	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	NS	ND	NS	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	NS	56.4	NS	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	NS	48.3	NS	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	NS	ND	NS	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	NS	ND	NS	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	NS	ND	NS	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	NS	ND	NS	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	NS	ND	NS	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	NS	ND	NS	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	NS	ND	NS	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	NS	ND	NS	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	NS	ND	NS	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	NS	ND	NS	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	NS	ND	NS	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	NS	ND	NS	NP	NT
Acetone	(µg/l)	100	100	NE	NS	ND	NS	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	NS	ND	NS	NP	ND
Benzene	(µg/l)	2	2	5	NS	ND	NS	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	NS	ND	NS	NP	ND
Bromoform *	(µg/l)	10	10	80	NS	ND	NS	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	NS	ND	NS	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	NS	ND	NS	NP	ND
Chlorobenzene	(µg/l)	10	10	100	NS	ND	NS	NP	ND
Chloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
Chloroform *	(µg/l)	2	2	80	NS	ND	NS	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	NS	ND	NS	NP	ND
Dibromomethane	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	NS	ND	NS	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	NS	ND	NS	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	NS	ND	NS	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	NS	ND	NS	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	NS	ND	NS	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	NS	ND	NS	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	NS	ND	NS	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	NS	ND	NS	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
Ethylbenzene	(µg/l)	2	2	700	NS	ND	NS	NP	ND
2-Hexanone	(µg/l)	50	50	NE	NS	ND	NS	NP	ND
Iodomethane	(µg/l)	100	100	NE	NS	ND	NS	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	NS	ND	NS	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	NS	ND	NS	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	NS	ND	NS	NP	ND
Styrene	(µg/l)	10	10	100	NS	ND	NS	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	NS	ND	NS	NP	ND
Toluene	(µg/l)	2	2	1000	NS	ND	NS	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	NS	ND	NS	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	NS	ND	NS	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	NS	ND	NS	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	NS	ND	NS	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	NS	ND	NS	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	NS	ND	NS	NP	ND
Xylenes	(µg/l)	5	5	10000	NS	ND	NS	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	NS	ND	NS	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	NS	ND	NS	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	NS	ND	NS	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #27 (2-5-14)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.86	5.81	6.10	NP	ND
Specific Conductance	uS/cm (on-site)	1	-	-	221	183	212	NP	ND
Temperature	°C (on-site)	-	-	-	17.3	20.6	15.5	NP	ND
Turbidity	NTU (on-site)	0.1	-	-	40	10	16	NP	ND
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	27.0	43.5	76.9	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	47.5	42.7	24.3	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event 2nd Quarter 2014 (4-10-14)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	NT	5.65	NT	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	NT	201	NT	NP	NT
Temperature	°C (on-site)	-	-	-	NT	23.9	NT	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	NT	0	NT	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	NT	ND	NT	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	NT	44.1	NT	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	NT	44.1	NT	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	NT	ND	NT	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	NT	ND	NT	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	NT	ND	NT	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	NT	ND	NT	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	NT	ND	NT	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	NT	ND	NT	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	NT	ND	NT	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	NT	ND	NT	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	NT	ND	NT	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	NT	ND	NT	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	NT	ND	NT	NP	NT
Acetone	(µg/l)	100	100	NE	NT	ND	NT	NP	NT
Acrylonitrile	(µg/l)	50	50	NE	NT	ND	NT	NP	NT
Benzene	(µg/l)	2	2	5	NT	ND	NT	NP	NT
Bromochloromethane	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
Bromodichloromethane *	(µg/l)	10	10	80	NT	ND	NT	NP	NT
Bromoform *	(µg/l)	10	10	80	NT	ND	NT	NP	NT
Carbon Disulfide	(µg/l)	5	5	NE	NT	ND	NT	NP	NT
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
Carbon Tetrachloride	(µg/l)	2	2	5	NT	ND	NT	NP	NT
Chlorobenzene	(µg/l)	10	10	100	NT	ND	NT	NP	NT
Chloroethane	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
Chloroform *	(µg/l)	2	2	80	NT	ND	NT	NP	NT
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
Dibromochloromethane *	(µg/l)	10	10	80	NT	ND	NT	NP	NT
Dibromomethane	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
1,2-Dichlorobenzene	(µg/l)	10	10	600	NT	ND	NT	NP	NT
1,4-Dichlorobenzene	(µg/l)	10	10	75	NT	ND	NT	NP	NT
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	NT	ND	NT	NP	NT
1,1-Dichloroethane	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
1,2-Dichloroethane	(µg/l)	2	2	5	NT	ND	NT	NP	NT
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	NT	ND	NT	NP	NT
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	NT	ND	NT	NP	NT
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	NT	ND	NT	NP	NT
1,2-Dichloropropane	(µg/l)	2	2	5	NT	ND	NT	NP	NT
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
Ethylbenzene	(µg/l)	2	2	700	NT	ND	NT	NP	NT
2-Hexanone	(µg/l)	50	50	NE	NT	ND	NT	NP	NT
Iodomethane	(µg/l)	100	100	NE	NT	ND	NT	NP	NT
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	NT	ND	NT	NP	NT
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	NT	ND	NT	NP	NT
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	NT	ND	NT	NP	NT
Styrene	(µg/l)	10	10	100	NT	ND	NT	NP	NT
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	NT	ND	NT	NP	NT
Toluene	(µg/l)	2	2	1000	NT	ND	NT	NP	NT
1,1,1-Trichloroethane	(µg/l)	2	2	200	NT	ND	NT	NP	NT
1,1,2-Trichloroethane	(µg/l)	2	2	5	NT	ND	NT	NP	NT
Trichloroethene (-ethylene)	(µg/l)	2	2	5	NT	ND	NT	NP	NT
Trichlorofluoromethane	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
1,2,3-Trichloropropane	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
Vinyl Acetate	(µg/l)	100	100	NE	NT	ND	NT	NP	NT
Vinyl Chloride	(µg/l)	2	2	2	NT	ND	NT	NP	NT
Xylenes	(µg/l)	5	5	10000	NT	ND	NT	NP	NT
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	NT	ND	NT	NP	NT
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	NT	ND	NT	NP	NT
Total Trihalomethanes	(µg/l)	NA	100	80	NT	ND	NT	NP	NT

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #28 (7-23-14)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	Dry	5.68	6.05	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	Dry	168	266	NP	NT
Temperature	°C (on-site)	-	-	-	Dry	25.4	19.1	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	Dry	15	18	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	Dry	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	Dry	38.1	150	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	Dry	38.0	67.9	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	Dry	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	Dry	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	Dry	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	Dry	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	Dry	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	Dry	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	Dry	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	Dry	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	Dry	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	Dry	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	Dry	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	Dry	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	Dry	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	Dry	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	Dry	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	Dry	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	Dry	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	Dry	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	Dry	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	Dry	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	Dry	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	Dry	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	Dry	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	Dry	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	Dry	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	Dry	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	Dry	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	Dry	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	Dry	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	Dry	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	Dry	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	Dry	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	Dry	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	Dry	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	Dry	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	Dry	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	Dry	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	Dry	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	Dry	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	Dry	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	Dry	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	Dry	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	Dry	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	Dry	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	Dry	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	Dry	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	Dry	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	Dry	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	Dry	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	Dry	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	Dry	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	Dry	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	Dry	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	Dry	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event 4th quarter (10-2-14)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	NS	5.49	NS	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	NS	98	NS	NP	NT
Temperature	°C (on-site)	-	-	-	NS	26.1	NS	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	NS	0	NS	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	NS	ND	NS	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	NS	ND	NS	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	NS	31.2	NS	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	NS	ND	NS	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	NS	ND	NS	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	NS	ND	NS	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	NS	ND	NS	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	NS	ND	NS	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	NS	ND	NS	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	NS	ND	NS	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	NS	ND	NS	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	NS	ND	NS	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	NS	ND	NS	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	NS	ND	NS	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	NS	ND	NS	NP	NT
Acetone	(µg/l)	100	100	NE	NS	ND	NS	NP	NT
Acrylonitrile	(µg/l)	50	50	NE	NS	ND	NS	NP	NT
Benzene	(µg/l)	2	2	5	NS	ND	NS	NP	NT
Bromochloromethane	(µg/l)	10	10	NE	NS	ND	NS	NP	NT
Bromodichloromethane *	(µg/l)	10	10	80	NS	ND	NS	NP	NT
Bromoform *	(µg/l)	10	10	80	NS	ND	NS	NP	NT
Carbon Disulfide	(µg/l)	5	5	NE	NS	ND	NS	NP	NT
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	NS	ND	NS	NP	NT
Carbon Tetrachloride	(µg/l)	2	2	5	NS	ND	NS	NP	NT
Chlorobenzene	(µg/l)	10	10	100	NS	ND	NS	NP	NT
Chloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	NT
Chloroform *	(µg/l)	2	2	80	NS	ND	NS	NP	NT
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	NS	ND	NS	NP	NT
Dibromochloromethane *	(µg/l)	10	10	80	NS	ND	NS	NP	NT
Dibromomethane	(µg/l)	10	10	NE	NS	ND	NS	NP	NT
1,2-Dichlorobenzene	(µg/l)	10	10	600	NS	ND	NS	NP	NT
1,4-Dichlorobenzene	(µg/l)	10	10	75	NS	ND	NS	NP	NT
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	NS	ND	NS	NP	NT
1,1-Dichloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	NT
1,2-Dichloroethane	(µg/l)	2	2	5	NS	ND	NS	NP	NT
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	NS	ND	NS	NP	NT
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	NS	ND	NS	NP	NT
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	NS	ND	NS	NP	NT
1,2-Dichloropropane	(µg/l)	2	2	5	NS	ND	NS	NP	NT
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NS	ND	NS	NP	NT
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NS	ND	NS	NP	NT
Ethylbenzene	(µg/l)	2	2	700	NS	ND	NS	NP	NT
2-Hexanone	(µg/l)	50	50	NE	NS	ND	NS	NP	NT
Iodomethane	(µg/l)	100	100	NE	NS	ND	NS	NP	NT
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	NS	ND	NS	NP	NT
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	NS	ND	NS	NP	NT
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	NS	ND	NS	NP	NT
Styrene	(µg/l)	10	10	100	NS	ND	NS	NP	NT
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	NT
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	NS	ND	NS	NP	NT
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	NS	ND	NS	NP	NT
Toluene	(µg/l)	2	2	1000	NS	ND	NS	NP	NT
1,1,1-Trichloroethane	(µg/l)	2	2	200	NS	ND	NS	NP	NT
1,1,2-Trichloroethane	(µg/l)	2	2	5	NS	ND	NS	NP	NT
Trichloroethene (-ethylene)	(µg/l)	2	2	5	NS	ND	NS	NP	NT
Trichlorofluoromethane	(µg/l)	10	10	NE	NS	ND	NS	NP	NT
1,2,3-Trichloropropane	(µg/l)	10	10	NE	NS	ND	NS	NP	NT
Vinyl Acetate	(µg/l)	100	100	NE	NS	ND	NS	NP	NT
Vinyl Chloride	(µg/l)	2	2	2	NS	ND	NS	NP	NT
Xylenes	(µg/l)	5	5	10000	NS	ND	NS	NP	NT
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	NS	ND	NS	NP	NT
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	NS	ND	NS	NP	NT
Total Trihalomethanes	(µg/l)	NA	100	80	NS	ND	NS	NP	NT

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #29 (1-28-15)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	Dry	5.71	Dry	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	Dry	162	Dry	NP	NT
Temperature	°C (on-site)	-	-	-	Dry	17.8	Dry	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	Dry	8	Dry	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	Dry	ND	Dry	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	Dry	19.8	Dry	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	Dry	42.8	Dry	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	Dry	ND	Dry	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	Dry	ND	Dry	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	Dry	ND	Dry	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	Dry	ND	Dry	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	Dry	ND	Dry	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	Dry	ND	Dry	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	Dry	ND	Dry	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	Dry	ND	Dry	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	Dry	ND	Dry	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	Dry	ND	Dry	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	Dry	ND	Dry	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	Dry	ND	Dry	NP	ND
Acetone	(µg/l)	100	100	NE	Dry	ND	Dry	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	Dry	ND	Dry	NP	ND
Benzene	(µg/l)	2	2	5	Dry	ND	Dry	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	Dry	ND	Dry	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	Dry	ND	Dry	NP	ND
Bromoform *	(µg/l)	10	10	80	Dry	ND	Dry	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	Dry	ND	Dry	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	Dry	ND	Dry	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	Dry	ND	Dry	NP	ND
Chlorobenzene	(µg/l)	10	10	100	Dry	ND	Dry	NP	ND
Chloroethane	(µg/l)	2	2	NE	Dry	ND	Dry	NP	ND
Chloroform *	(µg/l)	2	2	80	Dry	ND	Dry	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	Dry	ND	Dry	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	Dry	ND	Dry	NP	ND
Dibromomethane	(µg/l)	10	10	NE	Dry	ND	Dry	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	Dry	ND	Dry	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	Dry	ND	Dry	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	Dry	ND	Dry	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	Dry	ND	Dry	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	Dry	ND	Dry	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	Dry	ND	Dry	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	Dry	ND	Dry	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	Dry	ND	Dry	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	Dry	ND	Dry	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	Dry	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	Dry	NP	ND
Ethylbenzene	(µg/l)	2	2	700	Dry	ND	Dry	NP	ND
2-Hexanone	(µg/l)	50	50	NE	Dry	ND	Dry	NP	ND
Iodomethane	(µg/l)	100	100	NE	Dry	ND	Dry	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	Dry	ND	Dry	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	Dry	ND	Dry	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	Dry	ND	Dry	NP	ND
Styrene	(µg/l)	10	10	100	Dry	ND	Dry	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	Dry	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	Dry	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	Dry	NP	ND
Toluene	(µg/l)	2	2	1000	Dry	ND	Dry	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	Dry	ND	Dry	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	Dry	ND	Dry	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	Dry	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	Dry	ND	Dry	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	Dry	ND	Dry	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	Dry	ND	Dry	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	Dry	ND	Dry	NP	ND
Xylenes	(µg/l)	5	5	10000	Dry	ND	Dry	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	Dry	ND	Dry	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	Dry	ND	Dry	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	Dry	ND	Dry	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #30 (7-8-15)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.96	5.45	Dry	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	263	177	Dry	NP	NT
Temperature	°C (on-site)	-	-	-	21.9	25.9	Dry	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	0	0	Dry	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	Dry	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	41.3	40.8	Dry	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	45.3	41.2	Dry	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	Dry	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	Dry	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	Dry	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	Dry	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	Dry	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	Dry	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	Dry	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	Dry	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	Dry	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	Dry	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	Dry	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	Dry	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	Dry	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	Dry	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	Dry	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	Dry	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	Dry	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	Dry	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	Dry	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	Dry	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #31 (1-29-16)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.29	5.84	5.82	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	236	123	84	NP	NT
Temperature	°C (on-site)	-	-	-	13.8	18.4	13.6	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	0	0	0	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	30.7	66.3	14.6	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	44.6	46.7	20.8	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #32 (7-27-16)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.69	7.07	6.89	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	188	144	93	NP	NT
Temperature	°C (on-site)	-	-	-	213	26.8	21	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	2	20	0	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	20.5	52.3	ND	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	46.6	42.3	ND	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #33 (1-5-17)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.46	6.15	5.90	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	206	123	109	NP	NT
Temperature	°C (on-site)	-	-	-	19.7	21.4	20	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	0	0	0	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	28.3	41.3	13	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	46.5	44.8	ND	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #34 (7-7-17)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.16	6.8	6.30	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	263	161	227	NP	NT
Temperature	°C (on-site)	-	-	-	23.3	25.9	21.5	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	9	65	84	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	43.6	48.8	102	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	49.7	44.1	ND	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #35 (1-4-18)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.73	5.66	5.90	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	214	148	110	NP	NT
Temperature	°C (on-site)	-	-	-	15.5	20.6	17.1	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	48	2	20	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	103.0	84.9	24.8	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	59.4	49.3	ND	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6
11. SWC-6 was re-sampled on 1/23/18 for cis-1,2-DCE

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #36 (7-26-18)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.01	5.21	5.15	8.08	NT
Specific Conductance	uS/cm (on-site)	1	-	-	209	185	132	69	NT
Temperature	°C (on-site)	-	-	-	23.8	28.8	23.6	21.1	NT
Turbidity	NTU (on-site)	0.1	-	-	14	55	11	1	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND
Total Arsenic (As)	(µg/l)	10	10	10	59	82	40	ND	ND
Total Barium (Ba)	(µg/l)	20	20	2000	47	51	ND	ND	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	ND	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	ND	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	ND	11.4
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	ND	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	ND	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	ND	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #37 (1-17-19)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.79	5.92	5.90	Dry	NT
Specific Conductance	uS/cm (on-site)	1	-	-	118	120	93	Dry	NT
Temperature	°C (on-site)	-	-	-	16.5	20.2	17.6	Dry	NT
Turbidity	NTU (on-site)	0.1	-	-	14	1	2	Dry	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	Dry	ND
Total Arsenic (As)	(µg/l)	10	10	10	39.0	70	40	Dry	ND
Total Barium (Ba)	(µg/l)	20	20	2000	47	47.0	ND	Dry	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	Dry	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	Dry	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	Dry	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	Dry	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	Dry	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	Dry	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	Dry	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	Dry	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	Dry	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	Dry	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	Dry	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	Dry	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	Dry	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	Dry	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	Dry	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	Dry	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	Dry	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	Dry	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	Dry	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	Dry	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	Dry	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	Dry	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	Dry	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	Dry	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	Dry	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	Dry	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	Dry	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	Dry	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	Dry	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	Dry	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	Dry	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	Dry	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	Dry	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	Dry	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	Dry	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #38 (7-16-19)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.14	5.35	5.21	Dry	NT
Specific Conductance	uS/cm (on-site)	1	-	-	194	163	104	Dry	NT
Temperature	°C (on-site)	-	-	-	22.8	27.7	24.3	Dry	NT
Turbidity	NTU (on-site)	0.1	-	-	2	2	6	Dry	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	Dry	ND
Total Arsenic (As)	(µg/l)	10	10	10	30	41	20	Dry	ND
Total Barium (Ba)	(µg/l)	20	20	2000	41	43	ND	Dry	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	Dry	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	Dry	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	Dry	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	Dry	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	Dry	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	Dry	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	Dry	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	Dry	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	Dry	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	Dry	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	Dry	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	Dry	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	Dry	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	Dry	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	Dry	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	Dry	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	Dry	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	Dry	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	Dry	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	Dry	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	Dry	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	Dry	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	Dry	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	Dry	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	Dry	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	Dry	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	Dry	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	Dry	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	Dry	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	Dry	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	Dry	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	Dry	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	Dry	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	Dry	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	Dry	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #39 (1-8-20)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.99	5.58	5.63	Dry	NT
Specific Conductance	uS/cm (on-site)	1	-	-	207	137	98	Dry	NT
Temperature	°C (on-site)	-	-	-	21.3	21.4	20.5	Dry	NT
Turbidity	NTU (on-site)	0.1	-	-	5	5	5	Dry	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	Dry	ND
Total Arsenic (As)	(µg/l)	10	10	10	36	59	23	Dry	ND
Total Barium (Ba)	(µg/l)	20	20	2000	46	47	ND	Dry	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	Dry	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	Dry	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	Dry	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	Dry	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	Dry	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	Dry	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	Dry	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	Dry	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	Dry	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	Dry	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	Dry	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	Dry	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	Dry	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	Dry	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	Dry	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	Dry	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	Dry	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	Dry	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	Dry	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	Dry	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	Dry	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	Dry	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	Dry	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	Dry	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	Dry	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	Dry	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	Dry	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	Dry	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	Dry	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	Dry	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	Dry	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	Dry	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	Dry	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	Dry	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	Dry	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	Dry	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	Dry	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	Dry	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	Dry	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #40 (7-9-20)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.6	5.85	5.69	6.02	NT
Specific Conductance	uS/cm (on-site)	1	-	-	167	159	137	87	NT
Temperature	°C (on-site)	-	-	-	22.1	28.1	24.7	24.5	NT
Turbidity	NTU (on-site)	0.1	-	-	29	8	6	6	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND
Total Arsenic (As)	(µg/l)	10	10	10	126.0	35.1	27.3	ND	ND
Total Barium (Ba)	(µg/l)	20	20	2000	52.4	41.1	ND	ND	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	ND	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	ND	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	ND	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	ND	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	ND	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #41 (1-7-21)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.87	6.04	5.68	6.18	NT
Specific Conductance	uS/cm (on-site)	1	-	-	203	140	115	76	NT
Temperature	°C (on-site)	-	-	-	21	7.5	20.9	12	NT
Turbidity	NTU (on-site)	0.1	-	-	5	6	9	2	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND
Total Arsenic (As)	(µg/l)	10	10	10	36.0	ND	28	ND	ND
Total Barium (Ba)	(µg/l)	20	20	2000	46	25.0	21	ND	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Total Cobalt (Co)	(µg/l)	6	6	NE	12	ND	35	20	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2butene	(µg/l)	5	100	NE	ND	ND	ND	ND	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	ND	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	ND	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	ND	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	ND	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	ND	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #42 (7-9-21)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.08	5.74	5.71	6.06	NT
Specific Conductance	uS/cm (on-site)	1	-	-	229	169	124	113	NT
Temperature	°C (on-site)	-	-	-	23.3	27.1	25	20.7	NT
Turbidity	NTU (on-site)	0.1	-	-	4	3	1	1	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND
Total Arsenic (As)	(µg/l)	10	10	10	35	40	20	10	ND
Total Barium (Ba)	(µg/l)	20	20	2000	45	44	21	21	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Total Cobalt (Co)	(µg/l)	6	6	NE	11	10	33	34	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Chloroethane	(µg/l)	5	5	NE	ND	ND	ND	ND	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2butene	(µg/l)	5	5	NE	ND	ND	ND	ND	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	ND	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	ND	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	ND	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	ND	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	ND	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #43 (1-6-22)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.98	5.65	5.59	5.95	NT
Specific Conductance	uS/cm (on-site)	1	-	-	238	176	162	105	NT
Temperature	°C (on-site)	-	-	-	18.6	22.6	21.8	10.1	NT
Turbidity	NTU (on-site)	0.1	-	-	4	3	6	2	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND
Total Arsenic (As)	(µg/l)	10	10	10	37	64	97	ND	ND
Total Barium (Ba)	(µg/l)	20	20	2000	49	49.0	29	ND	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Total Cobalt (Co)	(µg/l)	6	6	NE	10	6.4	36	30	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Chloroethane	(µg/l)	5	2	NE	ND	ND	ND	ND	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2butene	(µg/l)	5	100	NE	ND	ND	ND	ND	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	ND	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	ND	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	ND	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	ND	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	ND	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #44 (7-8-22)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.77	6.06	5.84	6.61	NT
Specific Conductance	uS/cm (on-site)	1	-	-	198	148	133	121	NT
Temperature	°C (on-site)	-	-	-	23.4	24.2	26.1	21.6	NT
Turbidity	NTU (on-site)	0.1	-	-	7	13	3	7	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND
Total Arsenic (As)	(µg/l)	10	10	10	29	24	28	10	ND
Total Barium (Ba)	(µg/l)	20	20	2000	47	130	ND	ND	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Total Cobalt (Co)	(µg/l)	6	6	NE	10	32	26	35	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Chloroethane	(µg/l)	5	2	NE	ND	ND	ND	ND	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2butene	(µg/l)	5	100	NE	ND	ND	ND	ND	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	ND	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	ND	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	ND	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	ND	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	ND	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

APPENDIX D
Summary Tables and Charts of Surface Water
Analytical Results

Surface Water Sampling Event #2 (4-15-02) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12
pH	pH Units	-	<6.0; >8.5	7.5	NP	NP	NP	7.98	NP	NP	6.78
Specific Conductance	µS/cm	-	NE	33	NP	NP	NP	24	NP	NP	34
Temperature	C	-	32.2	18.1	NP	NP	NP	20.4	NP	NP	20.6
Turbidity	NTU	-	NE	7.95	NP	NP	NP	8.18	NP	NP	32
Dissolved Oxygen (DO)	mg/l	-	<5	9.71	NP	NP	NP	6.97	NP	NP	NT
Chloride (Cl)	mg/l	1	NE	1.1	NP	NP	NP	1.2	NP	NP	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	52	NP	NP	NP	25	NP	NP	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	ND	NP	NP	NT
Total Organic Carbon (TOC)	mg/l	1	NE	1	NP	NP	NP	1	NP	NP	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NP	NP	NP	10	NP	NP	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NP	NP	NP	20	NP	NP	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	NT	NP	NP	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	NT	NP	NP	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	20
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	NT	NP	NP	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	40
Acetone	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	NT	NP	NP	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	15
Toluene	µg/l	2	200,000	NT	NP	NP	NP	NT	NP	NP	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	NT	NP	NP	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	NT	NP	NP	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #5 (2-28-03) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12
pH	pH Units	-	<6.0; >8.5	7.79	NP	NP	NP	7.91	NP	NP	6.49
Specific Conductance	µS/cm	-	NE	18	NP	NP	NP	17	NP	NP	41
Temperature	C	-	32.2	10.6	NP	NP	NP	9.9	NP	NP	12.8
Turbidity	NTU	-	NE	44	NP	NP	NP	47	NP	NP	38
Dissolved Oxygen (DO)	mg/l	-	<5	8.69	NP	NP	NP	7.01	NP	NP	NT
Chloride (Cl)	mg/l	1	NE	1.5	NP	NP	NP	1.2	NP	NP	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	27	NP	NP	NP	8	NP	NP	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	ND	NP	NP	NT
Total Organic Carbon (TOC)	mg/l	1	NE	1	NP	NP	NP	1	NP	NP	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Zinc (Zn)	µg/l	10	65	110	NP	NP	NP	ND	NP	NP	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	NT	NP	NP	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	NT	NP	NP	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	40
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	NT	NP	NP	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	140
Acetone	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	NT	NP	NP	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	27
Toluene	µg/l	2	200,000	NT	NP	NP	NP	NT	NP	NP	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	NT	NP	NP	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	NT	NP	NP	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #6 (7-23-03) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12
pH	pH Units	-	<6.0; >8.5	6.42	NP	NP	NP	6.37	NP	NP	6.18
Specific Conductance	µS/cm	-	NE	20	NP	NP	NP	17	NP	NP	24
Temperature	C	-	32.2	22.1	NP	NP	NP	22.5	NP	NP	20.3
Turbidity	NTU	-	NE	22	NP	NP	NP	11	NP	NP	10
Dissolved Oxygen (DO)	mg/l	-	<5	5.28	NP	NP	NP	5.61	NP	NP	NT
Chloride (Cl)	mg/l	1	NE	1.6	NP	NP	NP	1.5	NP	NP	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	9	NP	NP	NP	ND	NP	NP	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	ND	NP	NP	NT
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NP	NP	NP	10	NP	NP	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NP	NP	NP	ND	NP	NP	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	NT	NP	NP	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	NT	NP	NP	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	20
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	NT	NP	NP	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	30
Acetone	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	NT	NP	NP	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	8
Toluene	µg/l	2	200,000	NT	NP	NP	NP	NT	NP	NP	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	NT	NP	NP	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	NT	NP	NP	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #7 (1-6-04) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12
pH	pH Units	-	<6.0; >8.5	6.99	NP	NP	NP	6.85	NP	NP	6.62
Specific Conductance	µS/cm	-	NE	13	NP	NP	NP	18	NP	NP	14
Temperature	C	-	32.2	1	NP	NP	NP	10.4	NP	NP	12.7
Turbidity	NTU	-	NE	7.76	NP	NP	NP	8.21	NP	NP	124
Dissolved Oxygen (DO)	mg/l	-	<5	8.5	NP	NP	NP	7.94	NP	NP	NT
Chloride (Cl)	mg/l	1	NE	1.5	NP	NP	NP	1.9	NP	NP	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	NP	NP	NP	ND	NP	NP	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	ND	NP	NP	NT
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Barium (Ba)	µg/l	10	NE	10	NP	NP	NP	20	NP	NP	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NP	NP	NP	40	NP	NP	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	NT	NP	NP	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	NT	NP	NP	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	80
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	10
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	NT	NP	NP	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	30
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	110
Acetone	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	NT	NP	NP	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND
Toluene	µg/l	2	200,000	NT	NP	NP	NP	NT	NP	NP	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	NT	NP	NP	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	NT	NP	NP	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #8 (7-7-04) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.15	NP	NP	NP	7.04	NP	NP	5.99	6.82
Specific Conductance	µS/cm	-	NE	24	NP	NP	NP	24	NP	NP	47	59
Temperature	C	-	32.2	24.3	NP	NP	NP	24.1	NP	NP	18.2	19.6
Turbidity	NTU	-	NE	21	NP	NP	NP	21	NP	NP	10	12
Dissolved Oxygen (DO)	mg/l	-	<5	7.93	NP	NP	NP	8.17	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.3	NP	NP	NP	2	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	NP	NP	NP	8	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NP	NP	NP	1	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NP	NP	NP	10	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NP	NP	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	30	ND
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	NP	NP	ND	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	NP	NP	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	NT	NP	NP	ND	ND

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #9 (1-12-05) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.54	6.55	6.73	NP	6.64	NP	NP	5.93	6.23
Specific Conductance	µS/cm	-	NE	25	177	111	NP	31	NP	NP	54	29
Temperature	C	-	32.2	11.5	12.9	13.3	NP	14.1	NP	NP	13	12.9
Turbidity	NTU	-	NE	5.14	7.01	4.96	NP	8.33	NP	NP	23	9.13
Dissolved Oxygen (DO)	mg/l	-	<5	6.5	NT	NT	NP	5.79	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.2	NT	NT	NP	2.2	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	7	NT	NT	NP	7	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	1	NT	NT	NP	1	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NT	NT	NP	20	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	20	ND	NP	NT	NP	NP	30	ND
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	ND	ND	NP	ND	NP	NP	ND	ND
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #10 (7-21-05)
Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.66	6.73	6.71	NP	6.77	NP	NP	6.02	6.84
Specific Conductance	µS/cm	-	NE	29	177	176	NP	64	NP	NP	64	39
Temperature	C	-	32.2	22.5	27.3	27.7	NP	22.2	NP	NP	18.8	21.6
Turbidity	NTU	-	NE	61	11	11	NP	145	NP	NP	15	6.7
Dissolved Oxygen (DO)	mg/l	-	<5	4.44	NT	NT	NP	3.62	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.2	NT	NT	NP	1.6	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	ND	NT	NT	NP	18	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	1	NT	NT	NP	2	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	NT	NT	NT	NP	20	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE ND	NT	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE ND	NT	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE NT	ND		30	NP	NT	NP	NP	20	ND
Total Beryllium (Be)	µg/l	3	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	NT	NT	NT	NP	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE ND	ND	ND	ND	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	ND

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #11a (1-18-06) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	9.14	7.51	6.53	NP	6.6	NP	NP	4.41	6.64
Specific Conductance	µS/cm	-	NE	38	301	65	NP	30	NP	NP	13.5	32
Temperature	C	-	32.2	7.7	6	5.7	NP	6.4	NP	NP	8.8	5.6
Turbidity	NTU	-	NE	149	57	36	NP	140	NP	NP	30	19
Dissolved Oxygen (DO)	mg/l	-	<5	6.69	NT	NT	NP	6.53	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.7	NT	NT	NP	1.5	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	33	NT	NT	NP	50	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	2	NT	NT	NP	3	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE	10	NT	NT	NP	20	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	370	NT	NT	NP	50	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	40	ND	NP	NT	NP	NP	80	ND
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	60	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #11b (4-26-06) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	NS	NS	NS	NP	NS	NP	NP	NS	NS
Specific Conductance	µS/cm	-	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Temperature	C	-	32.2	NS	NS	NS	NP	NS	NP	NP	NS	NS
Turbidity	NTU	-	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Oxygen (DO)	mg/l	-	<5	NS	NS	NS	NP	NS	NP	NP	NS	NS
Chloride (Cl)	mg/l	1	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Chemical Oxygen Demand (COD)	mg/l	5	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Cyanide	mg/l	0.02	0.0052	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Organic Carbon (TOC)	mg/l	1	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Arsenic (As)	µg/l	10	150	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Barium (Ba)	µg/l	10	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Cadmium (Cd)	µg/l	3	1.3	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Chromium (Cr)	µg/l	5	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Lead (Pb)	µg/l	15	1.2	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Nickel (Ni)	µg/l	5	29	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Silver (Ag)	µg/l	7	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Zinc (Zn)	µg/l	10	65	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Antimony (Sb)	µg/l	6	4300	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Arsenic (As)	µg/l	50	50	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Barium (Ba)	µg/l	20	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Beryllium (Be)	µg/l	3	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Cadmium (Cd)	µg/l	5	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Chromium (Cr)	µg/l	10	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Cobalt (Co)	µg/l	40	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Copper (Cu)	µg/l	20	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Lead (Pb)	µg/l	15	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Nickel (Ni)	µg/l	20	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Mercury (Hg)	µg/l	0.5	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Selenium (Se)	µg/l	10	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Silver (Ag)	µg/l	10	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Thallium (Tl)	µg/l	2	6.3	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Vanadium (V)	µg/l	20	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Zinc (Zn)	µg/l	20	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Acetone	µg/l	100	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Benzene	µg/l	2	71	NS	NS	NS	NP	NS	NP	NP	NS	NS
2-Butanone (MEK)	µg/l	100	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Carbon Disulfide	µg/l	5	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Toluene	µg/l	2	200,000	NS	NS	NS	NP	NS	NP	NP	NS	NS
cis-1,2 Dichloroethene	µg/l	2	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Other Appendix I VOCs	µg/l	-	-	NS	NS	NS	NP	NS	NP	NP	NS	NS

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #12 (7-6-06) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.48	Dry	Dry	NP	8.94	NP	NP	Dry	Dry
Specific Conductance	µS/cm	-	NE	16	Dry	Dry	NP	40	NP	NP	Dry	Dry
Temperature	C	-	32.2	22.9	Dry	Dry	NP	23.9	NP	NP	Dry	Dry
Turbidity	NTU	-	NE	18	Dry	Dry	NP	14	NP	NP	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	4.68	Dry	Dry	NP	4.11	NP	NP	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.4	Dry	Dry	NP	1.6	NP	NP	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	5	Dry	Dry	NP	21	NP	NP	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1	Dry	Dry	NP	2	NP	NP	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	Dry	Dry	NP	10	NP	NP	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	130	Dry	Dry	NP	40	NP	NP	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Benzene	µg/l	2	71	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #13 (1-4-07) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.61	7.07	7.54	NP	7.26	NP	NP	6.61	Dry
Specific Conductance	µS/cm	-	NE	44	501	98	NP	54	NP	NP	102	Dry
Temperature	C	-	32.2	7.5	12.1	11.2	NP	11	NP	NP	12.8	Dry
Turbidity	NTU	-	NE	8.79	32	22	NP	11	NP	NP	9.13	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	6.9	NT	NT	NP	5.34	NP	NP	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.2	NT	NT	NP	1.2	NP	NP	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	6	NT	NT	NP	ND	NP	NP	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	20	40	NP	NT	NP	NP	20	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	ND	ND	NP	ND	NP	NP	ND	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	NP	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #14 (7-11-07) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.72	Dry	Dry	NP	7.41	NP	NP	Dry	Dry
Specific Conductance	µS/cm	-	NE	26	Dry	Dry	NP	34	NP	NP	Dry	Dry
Temperature	C	-	32.2	22.6	Dry	Dry	NP	23.2	NP	NP	Dry	Dry
Turbidity	NTU	-	NE	60	Dry	Dry	NP	52	NP	NP	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	0.31	Dry	Dry	NP	0.32	NP	NP	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.3	Dry	Dry	NP	1.6	NP	NP	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	16	Dry	Dry	NP	11	NP	NP	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Organic Carbon (TOC)	mg/l	0.5	NE	1.8	Dry	Dry	NP	2.4	NP	NP	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	Dry	Dry	NP	10	NP	NP	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Benzene	µg/l	2	71	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #15 (1-3-08) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.05	6.75	Dry	NP	7.48	NP	NP	Dry	6.14
Specific Conductance	µS/cm	-	NE	46	267	Dry	NP	42	NP	NP	Dry	331
Temperature	C	-	32.2	0.2	4.9	Dry	NP	2.1	NP	NP	Dry	0.2
Turbidity	NTU	-	NE	11	36	Dry	NP	5.53	NP	NP	Dry	2.12
Dissolved Oxygen (DO)	mg/l	-	<5	3.89	NT	NT	NP	3.61	NP	NP	NT	NT
Chloride (Cl)	mg/l	0.1	NE	1.5	NT	NT	NP	1.8	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	NT	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	NT	NT	NP	10	NP	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	10	1.3	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	10	NE ND	NT	NT	NP	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	10	NE ND	NT	NT	NP	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	Dry	NP	NT	NP	NP	Dry	ND
Total Arsenic (As)	µg/l	10	50	NT	ND	Dry	NP	NT	NP	NP	Dry	10
Total Barium (Ba)	µg/l	20	NE NT	NT	60	Dry	NP	NT	NP	NP	Dry	20
Total Beryllium (Be)	µg/l	3	NE NT	ND	NT	Dry	NP	NT	NP	NP	Dry	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Total Selenium (Se)	µg/l	10	NE ND	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	Dry	NP	NT	NP	NP	Dry	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Total Zinc (Zn)	µg/l	20	NE NT	NT	220	Dry	NP	NT	NP	NP	Dry	ND
Acetone	µg/l	100	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Benzene	µg/l	2	71	NT	ND	Dry	NP	NT	NP	NP	Dry	ND
2-Butanone (MEK)	µg/l	100	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Carbon Disulfide	µg/l	5	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Toluene	µg/l	2	200,000	NT	ND	Dry	NP	NT	NP	NP	Dry	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	Dry	NP	NT	NP	NP	NP	Dry	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	NT	NP	NP	Dry	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #16 (7-2-08) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.67	Dry	Dry	NP	6.36	NP	NP	Dry	Dry
Specific Conductance	µS/cm	-	NE	108	Dry	Dry	NP	30	NP	NP	Dry	Dry
Temperature	C	-	32.2	20.4	Dry	Dry	NP	22.4	NP	NP	Dry	Dry
Turbidity	NTU	-	NE	5.75	Dry	Dry	NP	7.15	NP	NP	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	5.21	Dry	Dry	NP	5.96	NP	NP	Dry	Dry
Chloride (Cl)	mg/l	0.1	NE	1.4	Dry	Dry	NP	1.4	NP	NP	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	2	Dry	Dry	NP	2	NP	NP	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	10	1.3	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Chromium (Cr)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Nickel (Ni)	µg/l	20	29	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Silver (Ag)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Zinc (Zn)	µg/l	20	65	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Arsenic (As)	µg/l	10	50	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cobalt (Co)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Benzene	µg/l	2	71	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #17 (1-6-09) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.45	6.48	6.52	NP	5.21	NP	NP	5.61	6.03
Specific Conductance	µS/cm	-	NE	21	218	158	NP	20	NP	NP	57	19
Temperature	C	-	32.2	12.3	12.8	12.1	NP	12.4	NP	NP	11.8	11.3
Turbidity	NTU	-	NE	71	54	64	NP	69	NP	NP	27	11
Dissolved Oxygen (DO)	mg/l	-	<5	11.17	NT	NT	NP	10.63	NP	NP	NT	NT
Chloride (Cl)	mg/l	0.2	NE	1.8	NT	NT	NP	1.5	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	26	NT	NT	NP	31	NP	NP	NT	NT
Total Cyanide	mg/l	0.004	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	3.2	NT	NT	NP	2.9	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	20	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	5	1.3	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	10	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	55	61	NP	NT	NP	NP	41	ND
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	120	ND	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #18 (7-6-09) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.39	Dry	Dry	NP	8.07	NP	NP	5.86	5.44
Specific Conductance	µS/cm	-	NE	32	Dry	Dry	NP	33	NP	NP	114	41
Temperature	C	-	32.2	23.7	Dry	Dry	NP	23.9	NP	NP	22.5	23.7
Turbidity	NTU	-	NE	4	Dry	Dry	NP	6	NP	NP	42	30
Dissolved Oxygen (DO)	mg/l	-	<5	6.27	Dry	Dry	NP	7.07	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.9	Dry	Dry	NP	1.4	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	3.3	Dry	Dry	NP	1.3	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	10	1.3	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	25	1.2	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	40	29	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	20	65	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	34	ND
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	40	NE	ND	Dry	Dry	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #19 (1-6-10) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.63	6.88	7.11	NP	5.77	NP	NP	6.18	6.26
Specific Conductance	µS/cm	-	NE	22	282	321	NP	22	NP	NP	45	29
Temperature	C	-	32.2	2.6	5.1	3.5	NP	2.3	NP	NP	8.8	5.9
Turbidity	NTU	-	NE	11	152	7	NP	23	NP	NP	6	7
Dissolved Oxygen (DO)	mg/l	-	<5	14.75	NT	NT	NP	13.66	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.4	NT	NT	NP	1.4	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	NT	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	NT	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE ND	NT	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE ND	NT	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE NT		67	70	NP	NT	NP	NP	22	ND
Total Beryllium (Be)	µg/l	3	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	NT	NT	NT	NP	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE ND	ND	ND	ND	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE NT		32	ND	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE NT		160	120	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE NT		130	150	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #20 (7-8-10) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.19	Dry	Dry	NP	6.83	NP	NP	6.67	5.96
Specific Conductance	µS/cm	-	NE	25	Dry	Dry	NP	25	NP	NP	64	109
Temperature	C	-	32.2	23	Dry	Dry	NP	23	NP	NP	17.8	16.7
Turbidity	NTU	-	NE	4	Dry	Dry	NP	5	NP	NP	40	30
Dissolved Oxygen (DO)	mg/l	-	<5	8.95	Dry	Dry	NP	8.43	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.6	Dry	Dry	NP	1.6	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	20	NE ND	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	10	1.3	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	10	NE ND	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	25	1.2	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	40	29	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	10	NE ND	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	20	65	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	Dry	Dry	NP	NT	NP	NP	ND	24
Total Barium (Ba)	µg/l	20	NE NT	ND	Dry	Dry	NP	NT	NP	NP	26	34
Total Beryllium (Be)	µg/l	3	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE NT	ND	Dry	Dry	NP	NT	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

SWC-7TG was re-sampled on September 28, 2010. The re-sampling results are presented on this Table.

Surface Water Sampling Event #21 (1-7-11) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.8	Dry	6.78	NP	7.02	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	26	Dry	128	NP	17	NP	Dry	Dry	Dry
Temperature	C	-	32.2	4.5	Dry	7	NP	5.2	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	1	Dry	7	NP	0	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	4.39	Dry	NT	NP	5.63	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.9	Dry	NT	NP	1.7	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	Dry	NT	NP	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	NT	NP	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	Dry	NT	NP	ND	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	NT	NP	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	9.6	Dry	NT	NP	9.1	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	Dry	NT	NP	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	NE	ND	Dry	NT	NP	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	NT	NP	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	NT	NP	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	NT	NP	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	NT	NP	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	46.4	NP	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	NT	NP	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	ND	NP	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	22.8	NP	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	71	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	200,000	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	ND	NP	NT	NP	Dry	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #22 (7-5-11) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.18	Dry	Dry	NP	7.82	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	26	Dry	Dry	NP	232	NP	Dry	Dry	Dry
Temperature	C	-	32.2	24.1	Dry	Dry	NP	24.5	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	23	Dry	Dry	NP	55	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	6.69	Dry	Dry	NP	5.12	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.6	Dry	Dry	NP	1.5	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.9	Dry	Dry	NP	2.1	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	5	NE	10	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	1.3	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	10	50	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	9.7	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	5	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	71	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #23 (1-5-12) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.71	6.13	Dry	NP	6.39	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	30	247	Dry	NP	33	NP	Dry	Dry	Dry
Temperature	C	-	32.2	1.9	7.5	Dry	NP	2.6	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	8	37	Dry	NP	1	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	9.68	NT	Dry	NP	8.95	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.6	NT	Dry	NP	1.7	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	10.1	NT	Dry	NP	10.4	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	45.2	Dry	NP	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	Dry	NP	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #24 (7-5-12) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.02	Dry	Dry	NP	7.06	NP	6.73	Dry	5.68
Specific Conductance	µS/cm	-	NE	35	Dry	Dry	NP	38	NP	118	Dry	47
Temperature	C	-	32.2	34.05	Dry	Dry	NP	32.01	NP	27.4	Dry	21
Turbidity	NTU	-	NE	14	Dry	Dry	NP	26	NP	96	Dry	17
Dissolved Oxygen (DO)	mg/l	-	<5	31	Dry	Dry	NP	31	NP	NT	Dry	NT
Chloride (Cl)	mg/l	1	NE	1.5	Dry	Dry	NP	1.5	NP	NT	Dry	NT
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NT	Dry	NT
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	NT	Dry	NT
Total Organic Carbon (TOC)	mg/l	1	NE	1.6	Dry	Dry	NP	1.6	NP	NT	Dry	NT
Dissolved Arsenic (As)	µg/l	5	150	ND	Dry	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Barium (Ba)	µg/l	5	NE	12.4	Dry	Dry	NP	13	NP	NT	Dry	NT
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	Dry	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Chromium (Cr)	µg/l	5	11	ND	Dry	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Lead (Pb)	µg/l	10	1.2	ND	Dry	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Silver (Ag)	µg/l	5	NE	ND	Dry	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	ND	NP	NT	Dry	NT
Total Antimony (Sb)	µg/l	6	640	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Total Arsenic (As)	µg/l	10	50	NT	Dry	Dry	NP	NT	NP	ND	Dry	15.1
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	49.7	Dry	21.4
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	NT	Dry	NT
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	ND	Dry	ND
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Total Thallium (Tl)	µg/l	2	0.47	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Benzene	µg/l	2	51	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Toluene	µg/l	2	5,980	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	ND	Dry	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #25 (1-8-13) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.85	5.78	Dry	NP	5.85	NP	5.84	Dry	6.25
Specific Conductance	µS/cm	-	NE	255	226	Dry	NP	94	NP	92	Dry	140
Temperature	C	-	32.2	6.01	6.1	Dry	NP	15.36	NP	7.33	Dry	14.64
Turbidity	NTU	-	NE	0	63	Dry	NP	41	NP	127	Dry	131
Dissolved Oxygen (DO)	mg/l	-	<5	12.59	NT	Dry	NP	3.85	NP	NT	Dry	NT
Chloride (Cl)	mg/l	1	NE	1.7	NT	Dry	NP	12	NP	NT	Dry	NT
Chemical Oxygen Demand (COD)	mg/l	10	NE ND	NT	Dry	NP	NP	71	NP	NT	Dry	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	NP	0.07	NP	NT	Dry	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	NT	Dry	NP	NP	19.6	NP	NT	Dry	NT
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Barium (Ba)	µg/l	5	NE ND	NT	Dry	NP	NP	33.4	NP	NT	Dry	NT
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Lead (Pb)	µg/l	10	1.2	ND	NT	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Silver (Ag)	µg/l	5	NE ND	NT	Dry	NP	NP	ND	NP	NT	Dry	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	NP	17.7	NP	NT	Dry	NT
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Total Arsenic (As)	µg/l	10	50	NT	ND	Dry	NP	NT	NP	ND	Dry	35.3
Total Barium (Ba)	µg/l	20	NE NT	45.8	Dry	NP	NP	NT	NP	31.1	Dry	20.4
Total Beryllium (Be)	µg/l	3	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	NT	Dry	NP	NP	ND	NP	NT	Dry	NT
Total Selenium (Se)	µg/l	10	NE ND	ND	Dry	NP	NP	ND	NP	ND	Dry	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Zinc (Zn)	µg/l	20	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Acetone	µg/l	100	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Benzene	µg/l	2	51	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
2-Butanone (MEK)	µg/l	100	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Carbon Disulfide	µg/l	5	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Toluene	µg/l	2	5,980	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	NT	NP	ND	Dry	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #26 (7-3-13) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.22	6.98	6.29	NP	6.98	NP	Dry	6.58	Dry
Specific Conductance	µS/cm	-	NE	30	241	21	NP	48	NP	Dry	134	Dry
Temperature	C	-	32.2	14.8	23.6	22.0	NP	16.3	NP	Dry	18.8	Dry
Turbidity	NTU	-	NE	19	1076	1009	NP	280	NP	Dry	52	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.89	NT	NT	NP	2.81	NP	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	3.1	NT	NT	NP	1.3	NP	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	NT	NT	NP	58	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.8	NT	NT	NP	7.1	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	9.6	NT	NT	NP	6.0	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	12.2	13.1	NP	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	140	148	NP	NT	NP	Dry	50.8	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	18.4	31.1	NP	NT	NP	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	52.4	ND	NP	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	37.7	34.8	NP	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	21	18.4	NP	NT	NP	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	61.4	73.5	NP	NT	NP	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	65.1	64.3	NP	NT	NP	Dry	54.4	Dry
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	22	ND	NP	NT	NP	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	Dry	ND	Dry

Notes:

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MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #27 (2-5-14) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.09	6.18	6.42	NP	7.50	NP	Dry	6.61	Dry
Specific Conductance	µS/cm	-	NE	25	195	292	NP	26	NP	Dry	39	Dry
Temperature	C	-	32.2	8.4	8.6	8.6	NP	8.3	NP	Dry	9.5	Dry
Turbidity	NTU	-	NE	35	70	44	NP	80	NP	Dry	22	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	11.00	NT	NT	NP	10.28	NP	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.6	NT	NT	NP	1.7	NP	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	NT	NP	16	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.1	NT	NT	NP	1.1	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	42.7	71.5	NP	NT	NP	Dry	134	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	61.7	NP	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	Dry	20	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	ND	ND	NP	ND	NP	Dry	ND	Dry
Total Selenium (Se)	µg/l	5	NE	ND	ND	ND	NP	ND	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	37.8	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	28.3	NP	NT	NP	Dry	50.7	Dry
Acetone	µg/l	100	NE	NT	ND	250	NP	NT	NP	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	180	NP	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	Dry	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #28 (7-23-14) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.65	Dry	6.54	NP	5.24	NP	Dry	6.46	Dry
Specific Conductance	µS/cm	-	NE	36	Dry	194	NP	194	NP	Dry	142	Dry
Temperature	C	-	32.2	21.7	Dry	24.6	NP	25.6	NP	Dry	19.4	Dry
Turbidity	NTU	-	NE	11	Dry	43	NP	15	NP	Dry	93	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	8.94	Dry	NT	NP	8.3	NP	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.4	Dry	NT	NP	1.4	NP	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.5	Dry	NT	NP	1.3	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE	5.6	Dry	NT	NP	5.8	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	10	1.2	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	62.6	NP	NT	NP	Dry	120	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	ND	NP	NT	NP	Dry	12.2	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	ND	NP	NT	NP	Dry	19.6	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Total Selenium (Se)	µg/l	5	NE	ND	Dry	ND	NP	ND	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	ND	NP	NT	NP	Dry	29.2	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	21.6	NP	NT	NP	Dry	115	Dry
Acetone	µg/l	100	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Benzene	µg/l	2	51	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #29 (1-28-15) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.17	4.01	Dry	NP	6.15	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	34	88	Dry	NP	30	NP	Dry	Dry	Dry
Temperature	C	-	32.2	6.4	5.7	Dry	NP	6.4	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	6	27	Dry	NP	19	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	9.41	NT	Dry	NP	10.94	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.6	NT	Dry	NP	1.6	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	6.4	NT	Dry	NP	7.2	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	32	Dry	NP	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	Dry	NP	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #30 (7-8-15) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.18	6.89	6.46	NP	6.46	NP	Dry	6.88	5.81
Specific Conductance	µS/cm	-	NE	33	299	110	NP	49	NP	Dry	57	177
Temperature	C	-	32.2	23.4	27.2	29.2	NP	23.3	NP	Dry	19.8	18.6
Turbidity	NTU	-	NE	4	8	13	NP	12	NP	Dry	38	26
Dissolved Oxygen (DO)	mg/l	-	<5	7.74	NT	NT	NP	6.41	NP	Dry	NT	NT
Chloride (Cl)	mg/l	1	NE	1.8	NT	NT	NP	2.1	NP	Dry	NT	NT
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	NP	2.1	NP	Dry	NT	NT
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Barium (Ba)	µg/l	5	NE	5.8	NT	NT	NP	7	NP	Dry	NT	NT
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	10.6	NP	Dry	NT	NT
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	NP	NT	NP	Dry	ND	18.5
Total Barium (Ba)	µg/l	20	NE	NT	26.6	ND	NP	NT	NP	Dry	72	24.7
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	Dry	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	46.3	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Benzene	µg/l	2	51	NT	ND	ND	NP	NT	NP	Dry	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Toluene	µg/l	2	5,980	NT	ND	ND	NP	NT	NP	Dry	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	Dry	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #31 (1-29-16)
Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	8.14	7.25	7.11	NP	8.11	NP	6.79	6.21	Dry
Specific Conductance	µS/cm	-	NE	49	141	422	NP	53	NP	207	246	Dry
Temperature	C	-	32.2	6.8	6.2	6.2	NP	7.6	NP	8.4	12.1	Dry
Turbidity	NTU	-	NE	2	116	27	NP	2	NP	4	11	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	8.54	NT	NT	NP	8.31	NP	NT	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.5	NT	NT	NP	ND	NP	NT	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	11	NT	NT	NP	ND	NP	NT	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Barium (Ba)	µg/l	20	NE	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Cadmium (Cd)	µg/l	5	0.15	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Chromium (Cr)	µg/l	10	11	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	50.2	76.8	NP	NT	NP	ND	41.4	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	ND	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Acetone	µg/l	100	NE	NT	ND	250	NP	NT	NP	ND	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	NP	NT	NP	ND	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	250	NP	NT	NP	ND	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	NP	NT	NP	ND	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	ND	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #32 (7-27-16) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	8.72	Dry	Dry	NP	7.06	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	41	Dry	Dry	NP	25	NP	Dry	Dry	Dry
Temperature	C	-	32.2	26.8	Dry	Dry	NP	28.7	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	12	Dry	Dry	NP	30	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.65	Dry	Dry	NP	6.64	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	2	Dry	Dry	NP	1.8	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.4	Dry	Dry	NP	1.3	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	7.1	Dry	Dry	NP	6.8	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #33 (1-5-17) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.92	Dry	Dry	NP	6.99	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	26	Dry	Dry	NP	29	NP	Dry	Dry	Dry
Temperature	C	-	32.2	8	Dry	Dry	NP	8.1	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	12	Dry	Dry	NP	13	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	11.65	Dry	Dry	NP	11.01	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.6	Dry	Dry	NP	1.7	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.7	Dry	Dry	NP	1.6	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	6.2	Dry	Dry	NP	6.3	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #34 (7-7-17) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.91	7.33	7.15	NP	6.79	NP	Dry	6.19	Dry
Specific Conductance	µS/cm	-	NE	34	167	91	NP	24	NP	Dry	91	Dry
Temperature	C	-	32.2	22.8	30	29.2	NP	22.7	NP	Dry	20.3	Dry
Turbidity	NTU	-	NE	16	11	4	NP	34	NP	Dry	24	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.47	NT	NT	NP	7.19	NP	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.7	NT	NT	NP	1.8	NP	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	39	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.4	NT	NT	NP	1.5	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	7	NT	NT	NP	5.8	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	30	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	Dry	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #35 (1-4-18) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.71	8.35	Dry	NP	6.01	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	21	466	Dry	NP	21	NP	Dry	Dry	Dry
Temperature	C	-	32.2	0.2	3.9	Dry	NP	0.5	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	5	42	Dry	NP	7	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	13.59	NT	Dry	NP	13.52	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	2.3	NT	Dry	NP	1.6	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	5.3	NT	Dry	NP	11.3	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	35.6	Dry	NP	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	Dry	NP	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #36 (7-26-18)
Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.56	6.76	Dry	Dry	6.73	6.72	6.56	Dry	Dry
Specific Conductance	µS/cm	-	NE	25	154	Dry	Dry	23	35	38	Dry	Dry
Temperature	C	-	32.2	25.7	25.4	Dry	Dry	23.5	20.4	20.7	Dry	Dry
Turbidity	NTU	-	NE	11	10	Dry	Dry	20	24	9	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.98	NT	Dry	Dry	7.69	NT	NT	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.3	NT	Dry	Dry	1.4	NT	NT	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	233	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.1	NT	Dry	Dry	1.2	NT	NT	Dry	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Barium (Ba)	µg/l	5	NE	12	NT	Dry	Dry	12	NT	NT	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	Dry	Dry	ND	ND	NT	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	Dry	Dry	ND	ND	ND	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Acetone	µg/l	100	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Benzene	µg/l	2	51	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #37 (1-17-19)
Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.29	6.55	6.68	Dry	7.26	7.46	6.72	5.98	Dry
Specific Conductance	µS/cm	-	NE	18	88	139	Dry	19	23	21	24	Dry
Temperature	C	-	32.2	6.3	8.1	7.8	Dry	7.1	6.7	9.9	11.6	Dry
Turbidity	NTU	-	NE	3	116	9	Dry	4	27	25	17	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	9.34	NT	NT	Dry	7.21	NT	NT	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.4	NT	NT	Dry	1.4	NT	NT	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	14.1	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE	11	NT	NT	Dry	11	NT	NT	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	54	40	Dry	NT	ND	ND	42	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	Dry	ND	ND	ND	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	32	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	Dry	NT	ND	ND	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #38 (7-18-19) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.18	6.64	6	Dry	6.07	5.5	Dry	7.11	Dry
Specific Conductance	µS/cm	-	NE	39	182	85	Dry	28	42	Dry	47	Dry
Temperature	C	-	32.2	23.9	29.2	29	Dry	24.5	21.9	Dry	19.1	Dry
Turbidity	NTU	-	NE	8	13	6	Dry	7	7	Dry	13	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	8.21	NT	NT	Dry	5.82	NT	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.4	NT	NT	Dry	1.4	NT	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	Dry	1.6	NT	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE	7.7	NT	NT	Dry	7.8	NT	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	Dry	160	NT	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	Dry	310	NT	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	1	65	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	45	ND	Dry	NT	ND	Dry	32	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Selenium (Se)	µg/l	5	NE	ND	ND	ND	Dry	ND	ND	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	22	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #39 (1-8-20) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.38	6.03	5.81	Dry	6.76	6.31	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	28	147	90	Dry	32	35	Dry	Dry	Dry
Temperature	C	-	32.2	7.6	9.9	8	Dry	12.2	7.5	Dry	Dry	Dry
Turbidity	NTU	-	NE	7	104	10	Dry	10	5	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	12.96	NT	NT	Dry	12.81	NT	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.2	NT	NT	Dry	1.2	NT	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	25	NE	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Total Cyanide	mg/l	0.008	0.0052	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	Dry	2	NT	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	5	NE	6.9	NT	NT	Dry	7.1	NT	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	1	65	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	55	22	Dry	NT	ND	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	Dry	NT	NT	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	22	ND	Dry	NT	ND	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #40 (7-9-20) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.24	6.05	Dry	Dry	6.16	6.14	Dry	6.64	Dry
Specific Conductance	µS/cm	-	NE	29	246	Dry	Dry	30	93	Dry	76	Dry
Temperature	C	-	32.2	22.7	27.3	Dry	Dry	23.6	22.9	Dry	18.1	Dry
Turbidity	NTU	-	NE	8	22	Dry	Dry	9	8	Dry	15	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	8.23	NT	Dry	Dry	7.69	NT	Dry	NT	Dry
Chloride (Cl)	mg/l	0.5	NE	2.23	NT	Dry	Dry	2.26	NT	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Total Cyanide	mg/l	0.01	0.0052	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.33	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	10	0.15	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	10	11	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	25	1.2	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	50.8	Dry	Dry	NT	ND	Dry	35.2	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	Dry	Dry	NT	NT	Dry	NT	Dry
Total Selenium (Se)	µg/l	40	NE	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Acetone	µg/l	100	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #41 (1-7-21) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.11	6.19	6.56	Dry	6.79	6.17	5.79	6.05	Dry
Specific Conductance	µS/cm	-	NE	60	169	100	Dry	28	45	50	43	Dry
Temperature	C	-	32.2	6.5	9.6	9	Dry	12.3	8.7	7.2	12.3	Dry
Turbidity	NTU	-	NE	5	85	21	Dry	12	7	5	8	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	12.11	NT	NT	Dry	12.2	NT	NT	NT	Dry
Chloride (Cl)	mg/l	0.5	NE	1.4	NT	NT	Dry	1.3	NT	NT	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	Dry	1	NT	NT	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	NT	NT	Dry	14	NT	NT	NT	Dry
Dissolved Cadmium (Cd)	µg/l	10	0.15	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Chromium (Cr)	µg/l	10	11	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Lead (Pb)	µg/l	25	1.2	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	52	22	Dry	NT	ND	ND	33	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Cobalt (Co)	µg/l	6	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	16	ND	Dry	NT	ND	ND	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Selenium (Se)	µg/l	40	NE	ND	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	Dry	NT	ND	ND	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #42 (7-9-21) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.29	5.83	6	Dry	6.58	6.23	Dry	5.26	Dry
Specific Conductance	µS/cm	-	NE	32	218	59	Dry	33	58	Dry	91	Dry
Temperature	C	-	32.2	22	24.7	27.4	Dry	25.1	19.7	Dry	19.1	Dry
Turbidity	NTU	-	NE	5	5	2	Dry	7	6	Dry	11	Dry
Dissolved Oxygen (DO)	mg/l	-	<4	8.48	NT	NT	Dry	9.1	NT	Dry	NT	Dry
Chloride (Cl)	mg/l	0.5	NE	1.4	NT	NT	Dry	1.6	NT	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Cyanide	mg/l	0.01	0.0052	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.1	NT	NT	Dry	1.1	NT	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	10	10	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	13	NT	NT	Dry	15	NT	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	10	0.43	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	10	11	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	25	1.2	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Arsenic (As)	µg/l	10	10	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	29	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	0.43	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	11	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Cobalt (Co)	µg/l	6	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	5	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	1.2	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	29	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.2	0.012	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Selenium (Se)	µg/l	10	5	ND	ND	ND	Dry	ND	ND	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	65	NT	ND	ND	Dry	NT	ND	Dry	23	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e) (ii), (iii), &(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #43 (1-6-22) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.31	6.42	6.73	Dry	6.64	6.36	Dry	6.41	Dry
Specific Conductance	µS/cm	-	NE	35	206	106	Dry	32	55	Dry	58	Dry
Temperature	C	-	32.2	7.5	9	7.5	Dry	9.5	7.8	Dry	10.8	Dry
Turbidity	NTU	-	NE	14	124	29	Dry	27	16	Dry	10	Dry
Dissolved Oxygen (DO)	mg/l	-	<4	11.26	NT	NT	Dry	9.2	NT	Dry	NT	Dry
Chloride (Cl)	mg/l	0.5	NE	1.5	NT	NT	Dry	1.3	NT	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Cyanide	mg/l	0.01	0.0052	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.2	NT	NT	Dry	1.9	NT	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	10	0.43	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	10	42	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	25	1.2	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	57	32	Dry	NT	ND	Dry	39	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Cobalt (Co)	µg/l	6	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	19	ND	Dry	NT	ND	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	0.012	ND	NT	NT	Dry	NT	NT	Dry	NT	Dry
Total Selenium (Se)	µg/l	10	5	ND	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	30	ND	Dry	NT	ND	Dry	22	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(ii)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; EPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #44 (7-8-22) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.98	5.75	6.43	Dry	6.45	7.87	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	36	380	92	Dry	33	102	Dry	Dry	Dry
Temperature	C	-	32.2	25	26.6	29.3	Dry	26.2	23.5	Dry	Dry	Dry
Turbidity	NTU	-	NE	13	34	79	Dry	11	60	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<4	6.89	NT	NT	Dry	7.11	NT	Dry	Dry	Dry
Chloride (Cl)	mg/l	0.5	NE	1.3	NT	NT	Dry	1.5	NT	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Total Cyanide	mg/l	0.01	0.0052	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.5	NT	NT	Dry	1.3	NT	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	10	0.43	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	10	42	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	25	1.2	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	98	45	Dry	NT	95	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	6	NE	NT	72	ND	Dry	NT	14	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	36	ND	Dry	NT	ND	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	25	ND	Dry	NT	ND	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	0.012	ND	NT	NT	Dry	NT	NT	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	5	ND	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	170	22	Dry	NT	ND	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(ii)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; EPD has not established a ISWQS

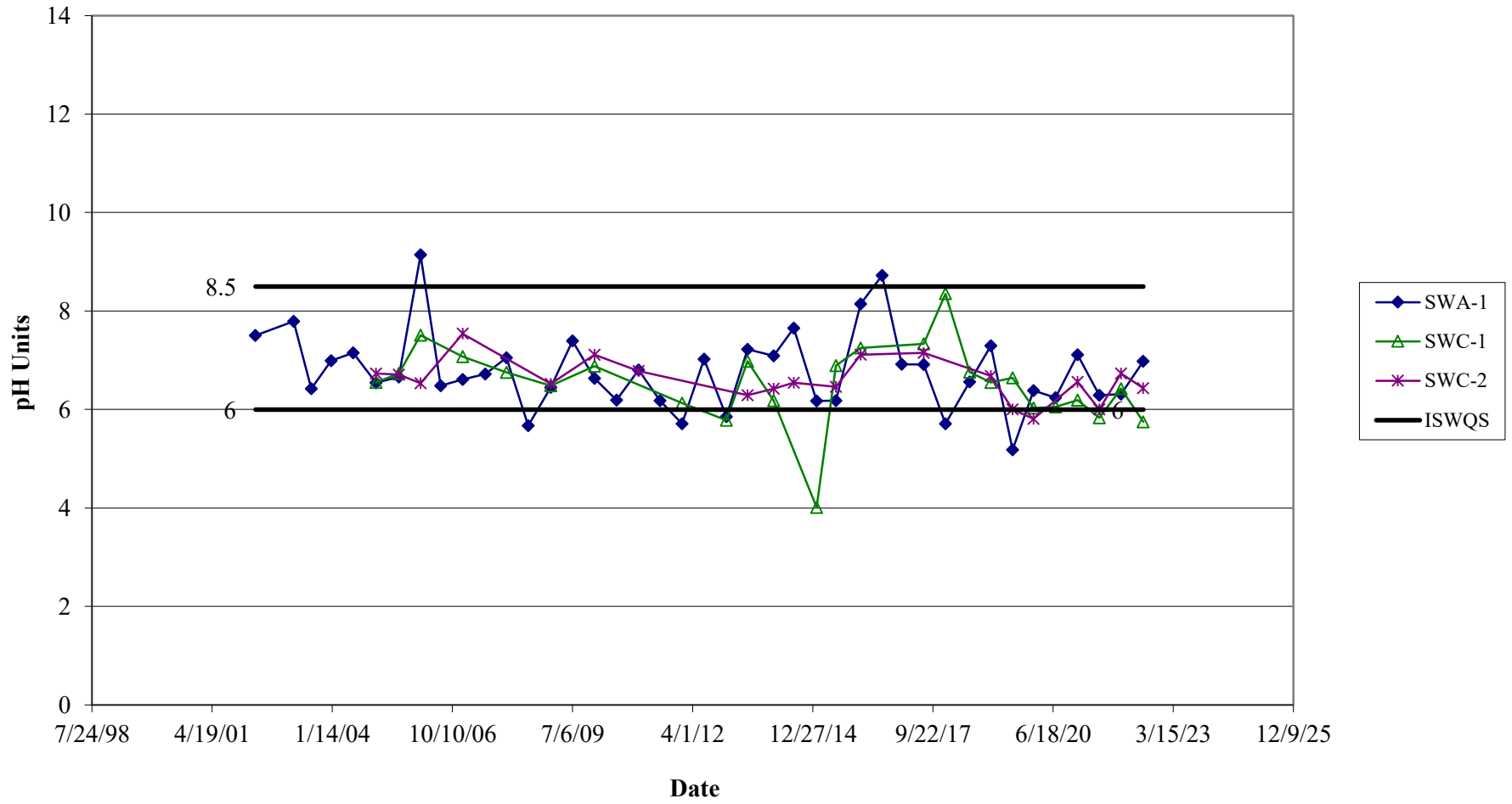
NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

SWC-1 was resampled on August 24, 2022 and the results are included in this table.

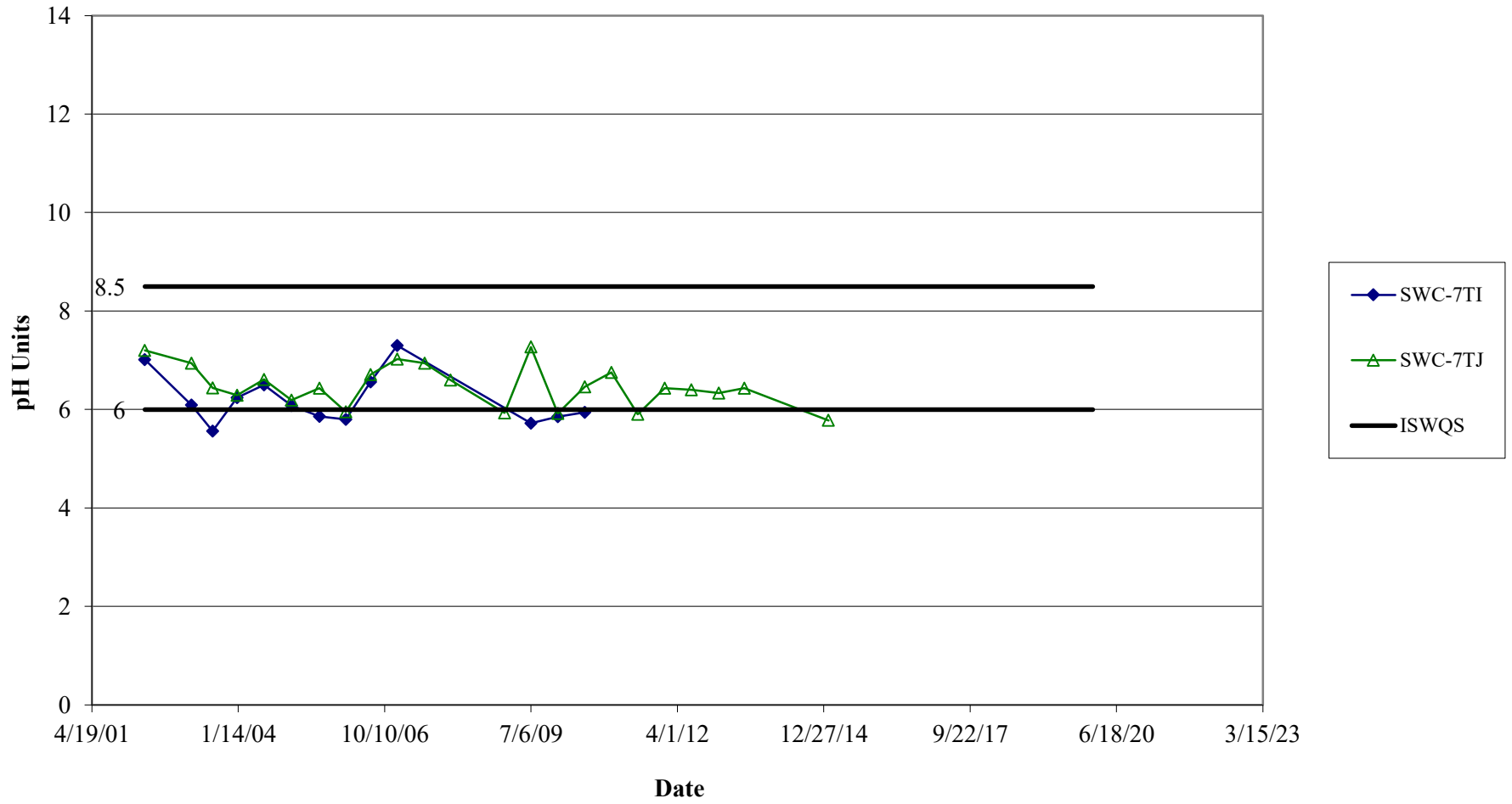
pH

Eagle Point Landfill - Forsyth Co., GA



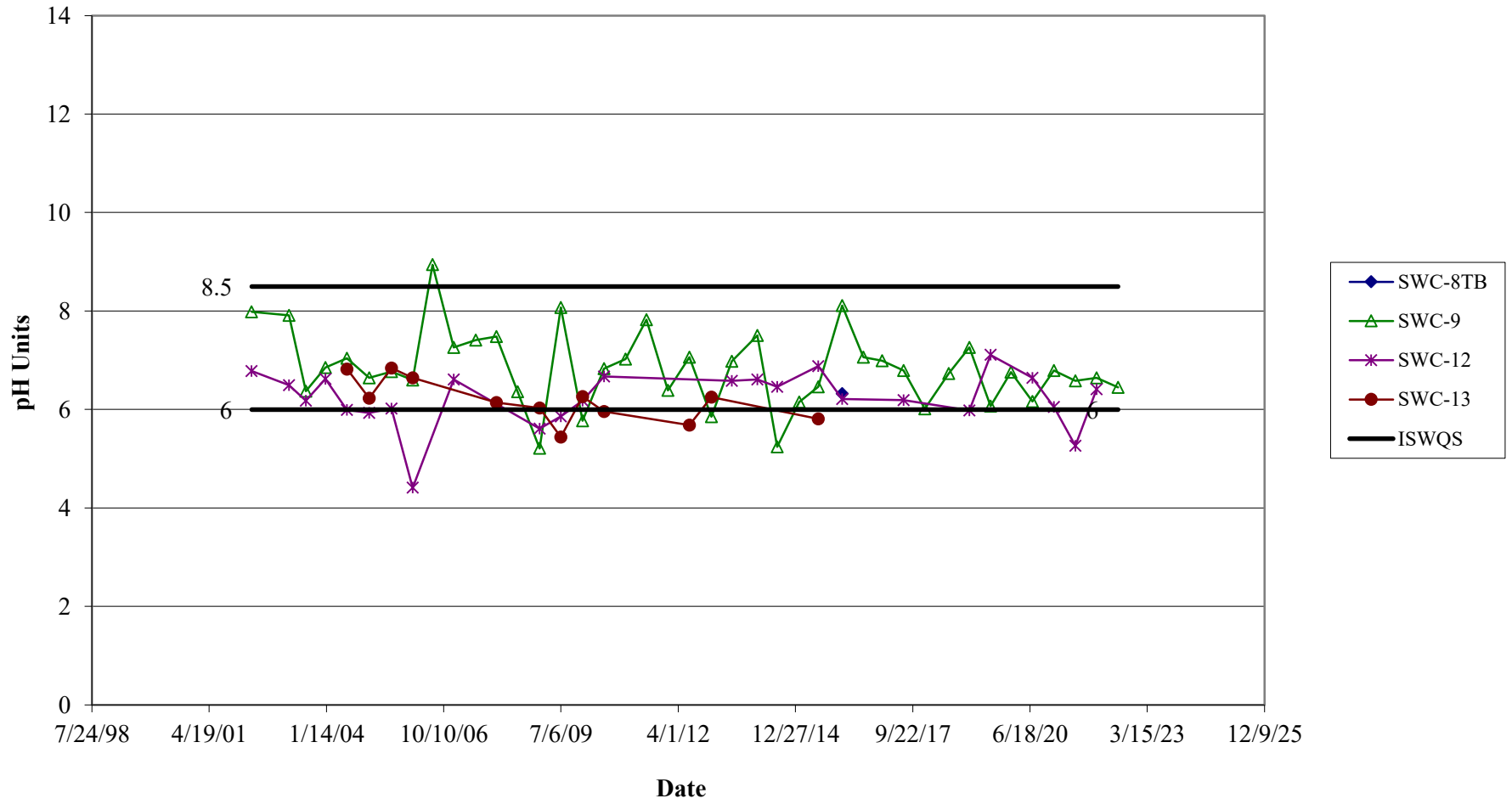
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Eagle Point Landfill - Forsyth Co., GA



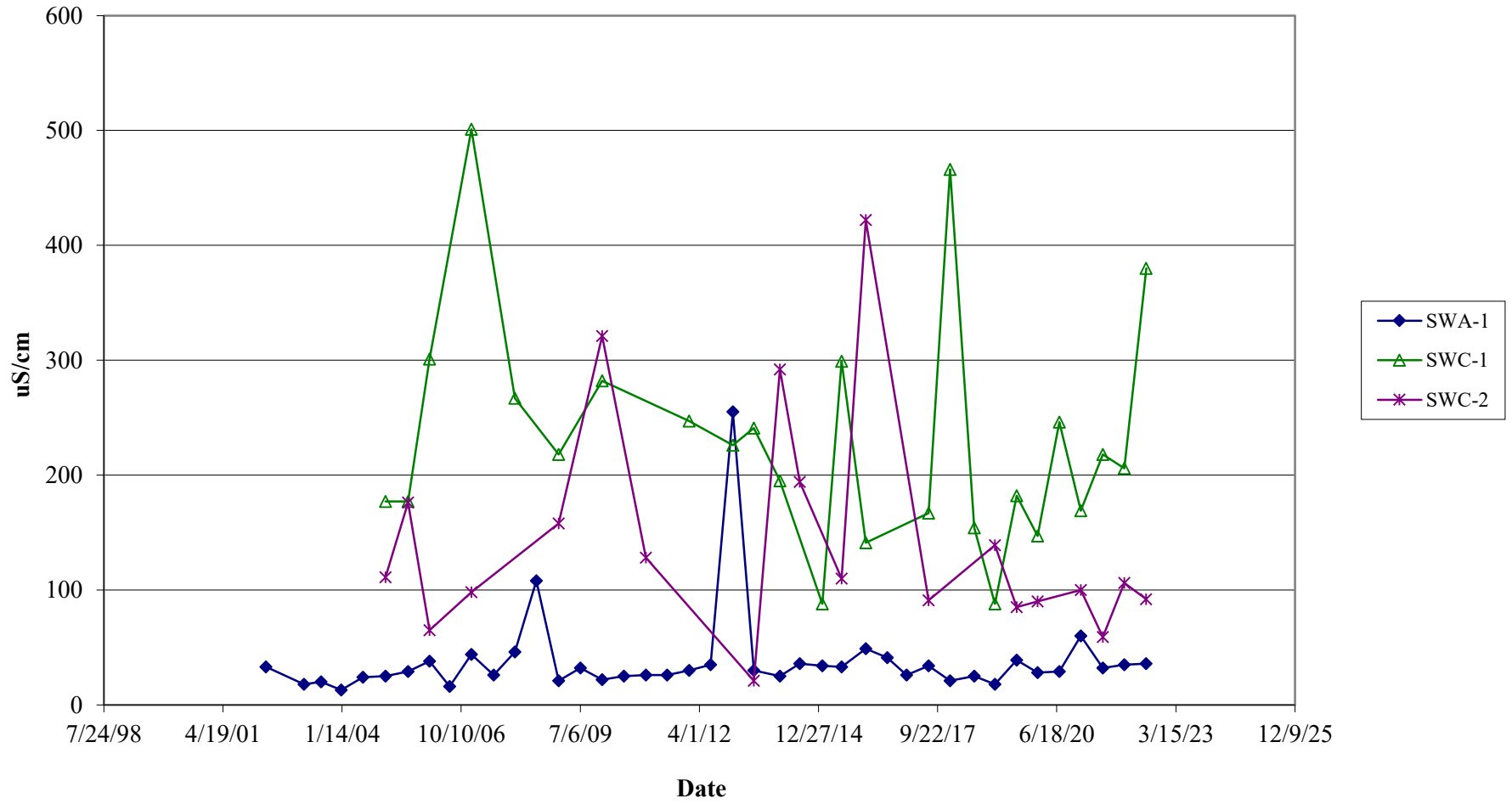
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Eagle Point Landfill - Forsyth Co., GA



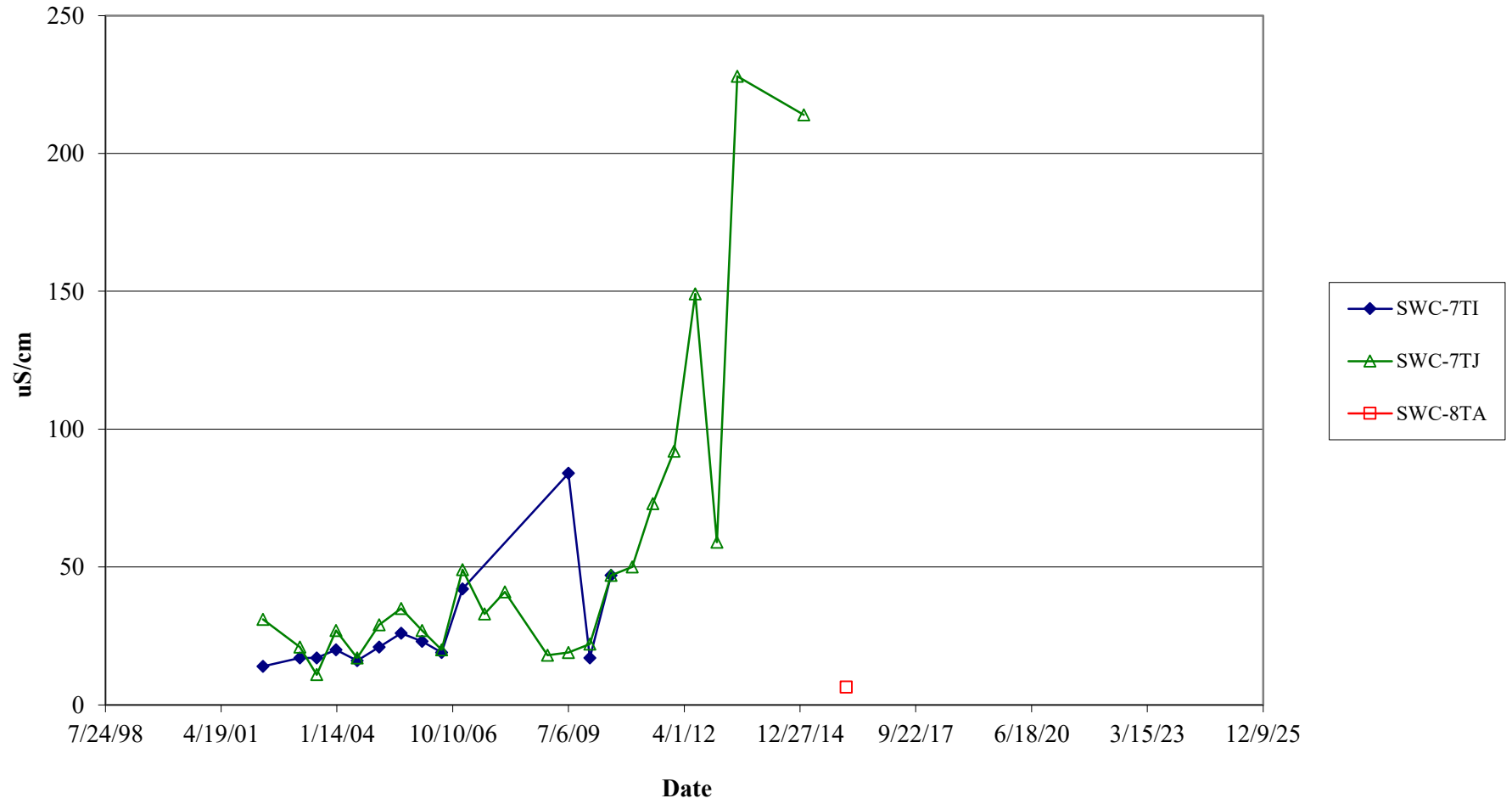
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



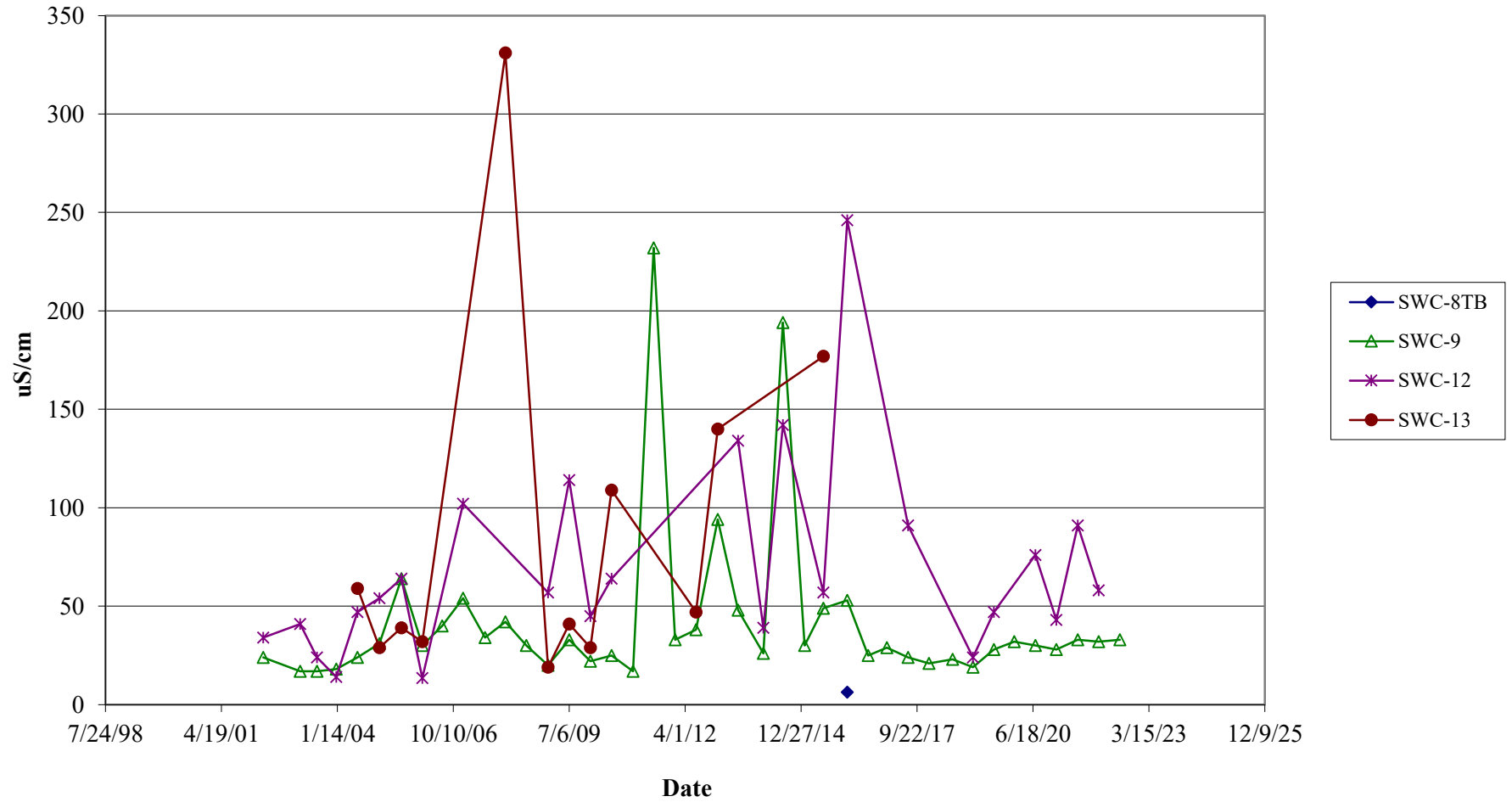
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



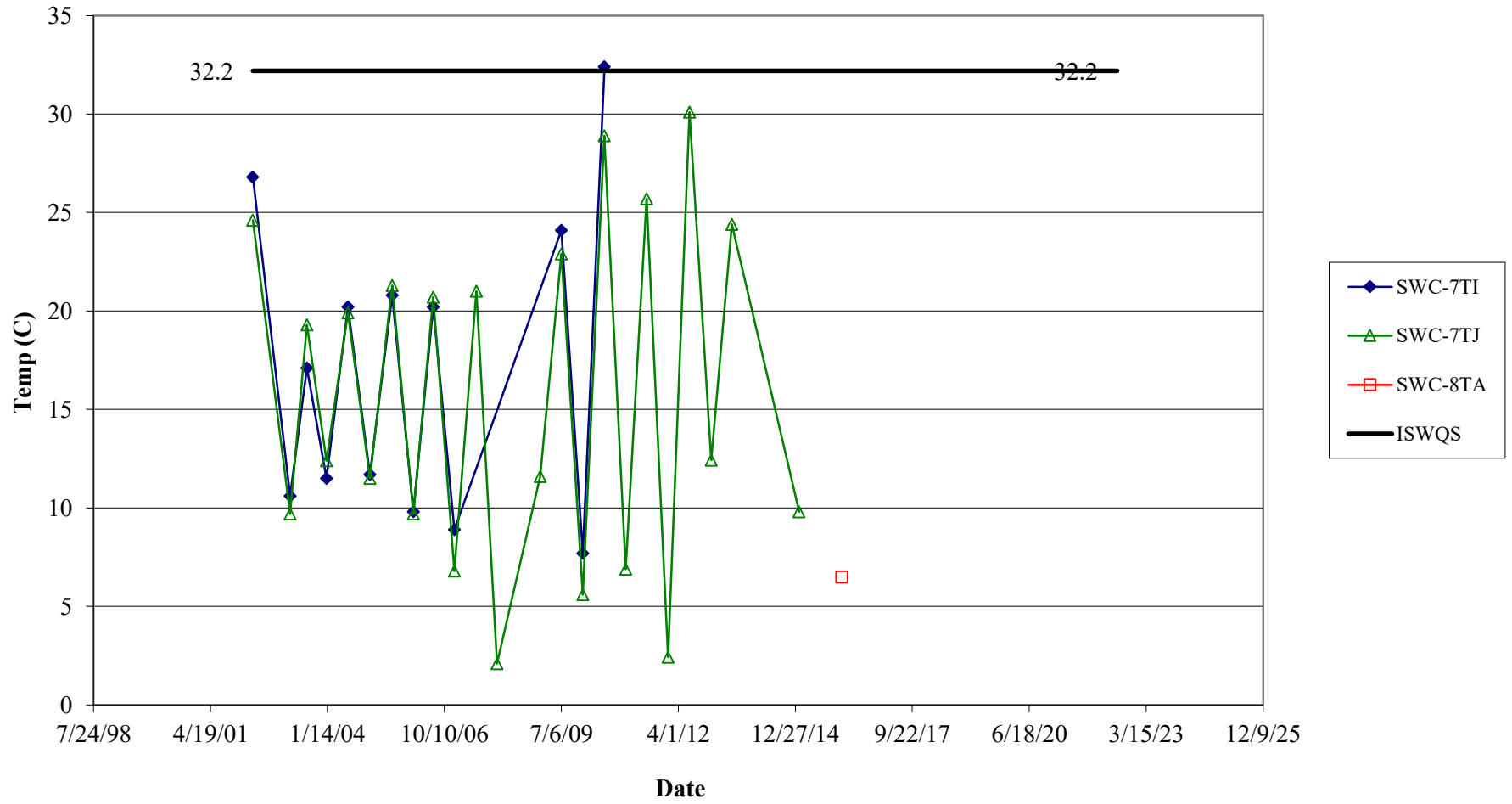
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



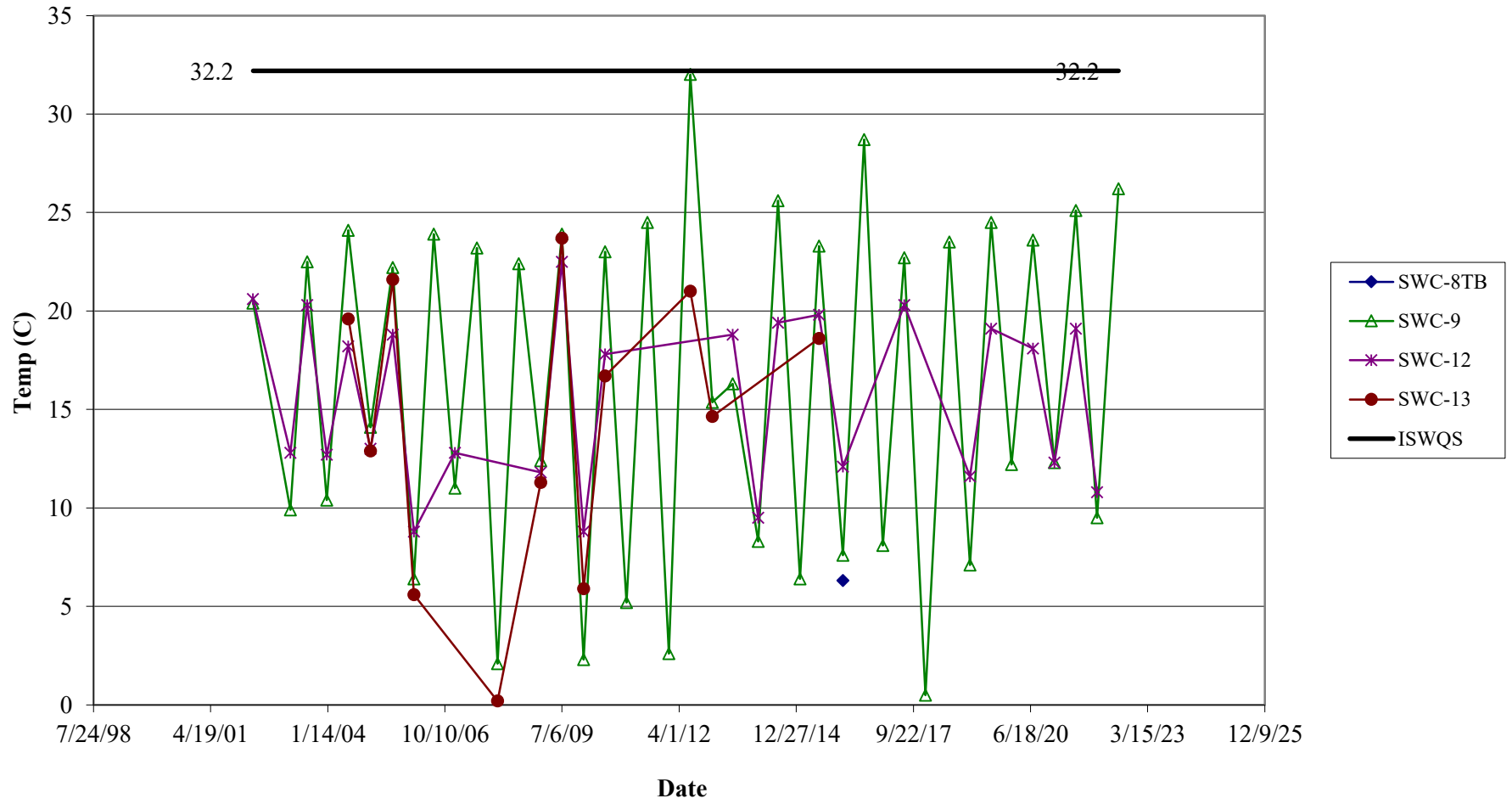
Temperature

Eagle Point Landfill - Forsyth Co., GA



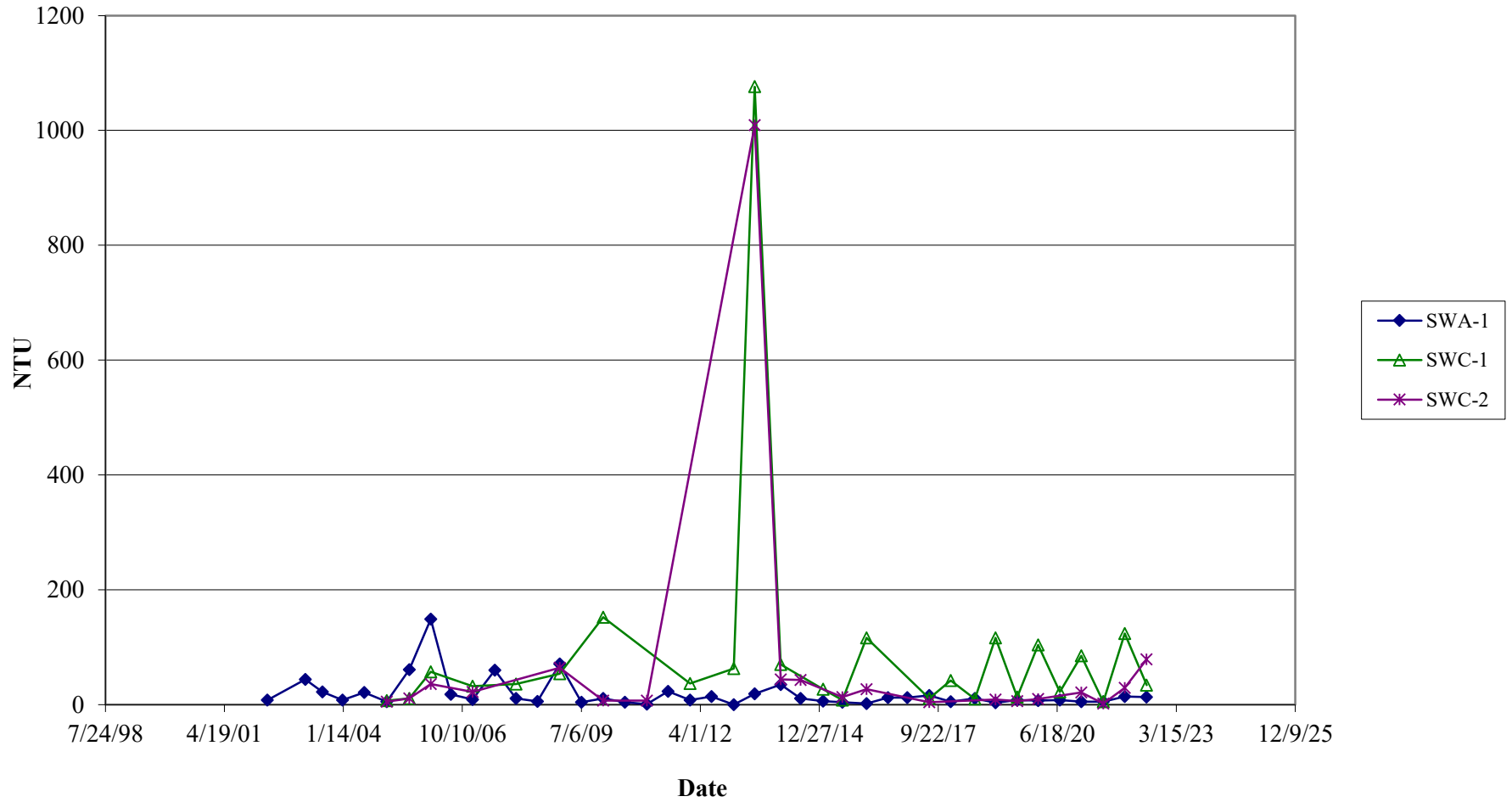
Temperature

Eagle Point Landfill - Forsyth Co., GA



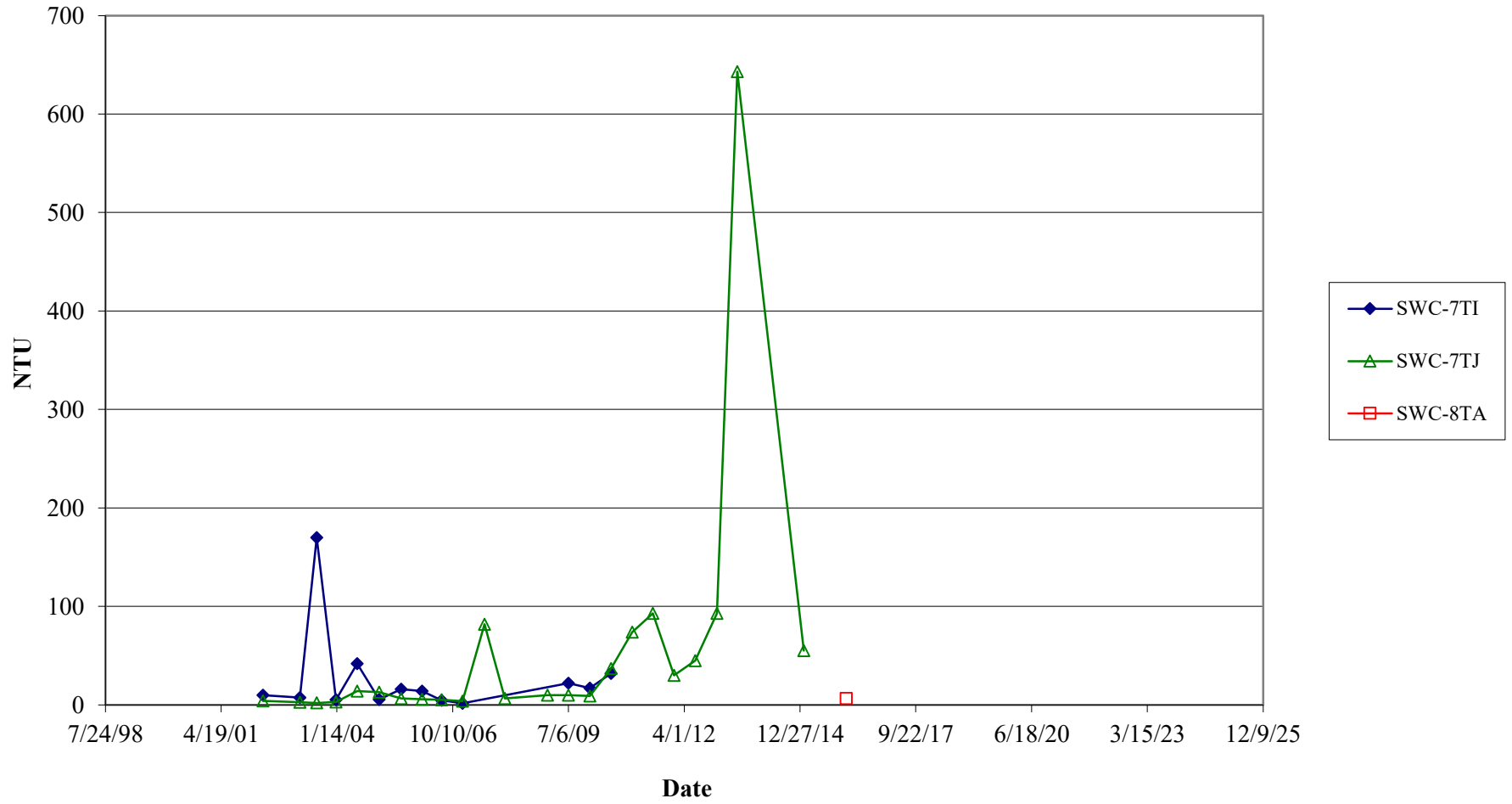
Turbidity

Eagle Point Landfill - Forsyth Co., GA



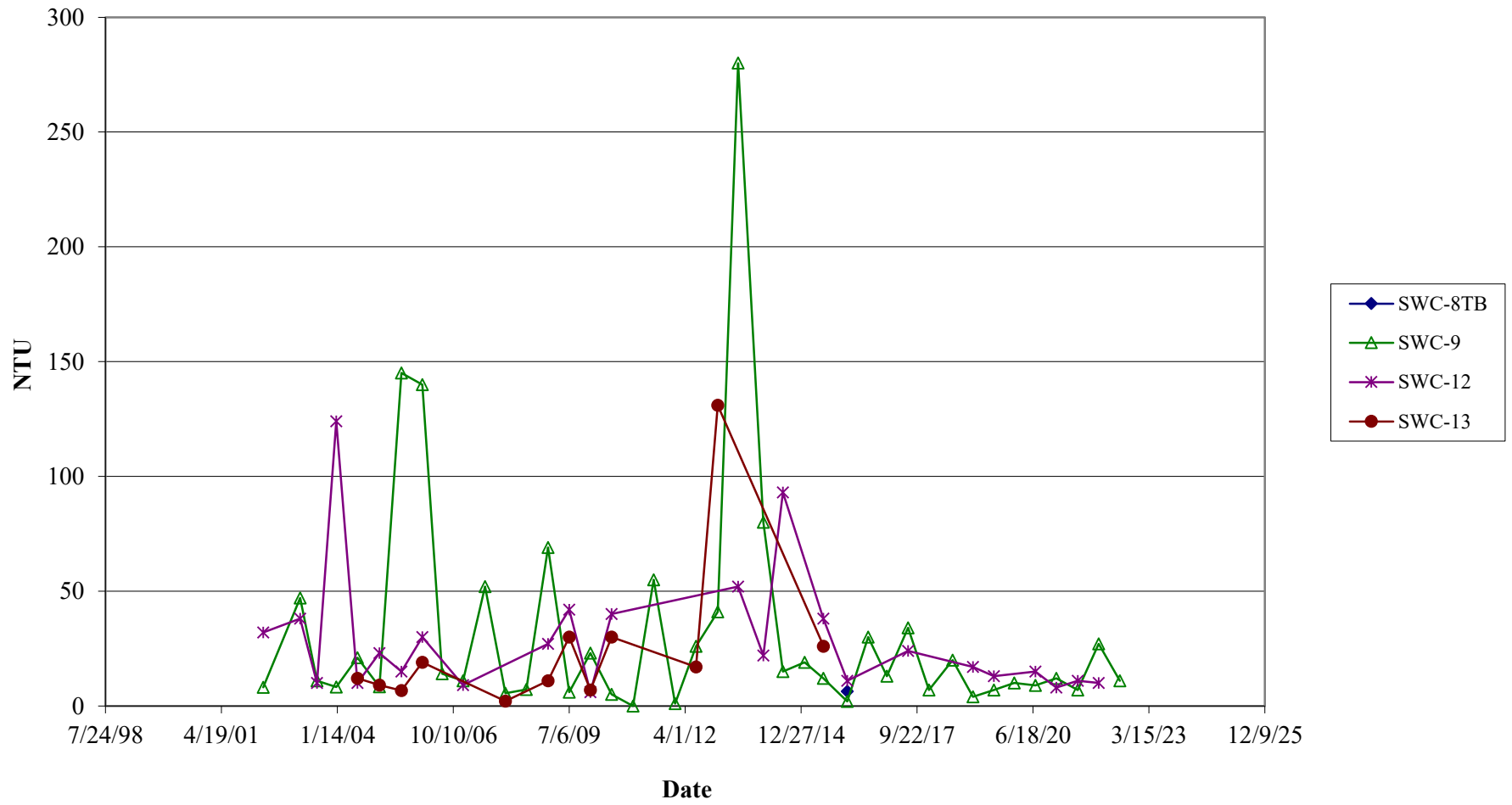
Turbidity

Eagle Point Landfill - Forsyth Co., GA



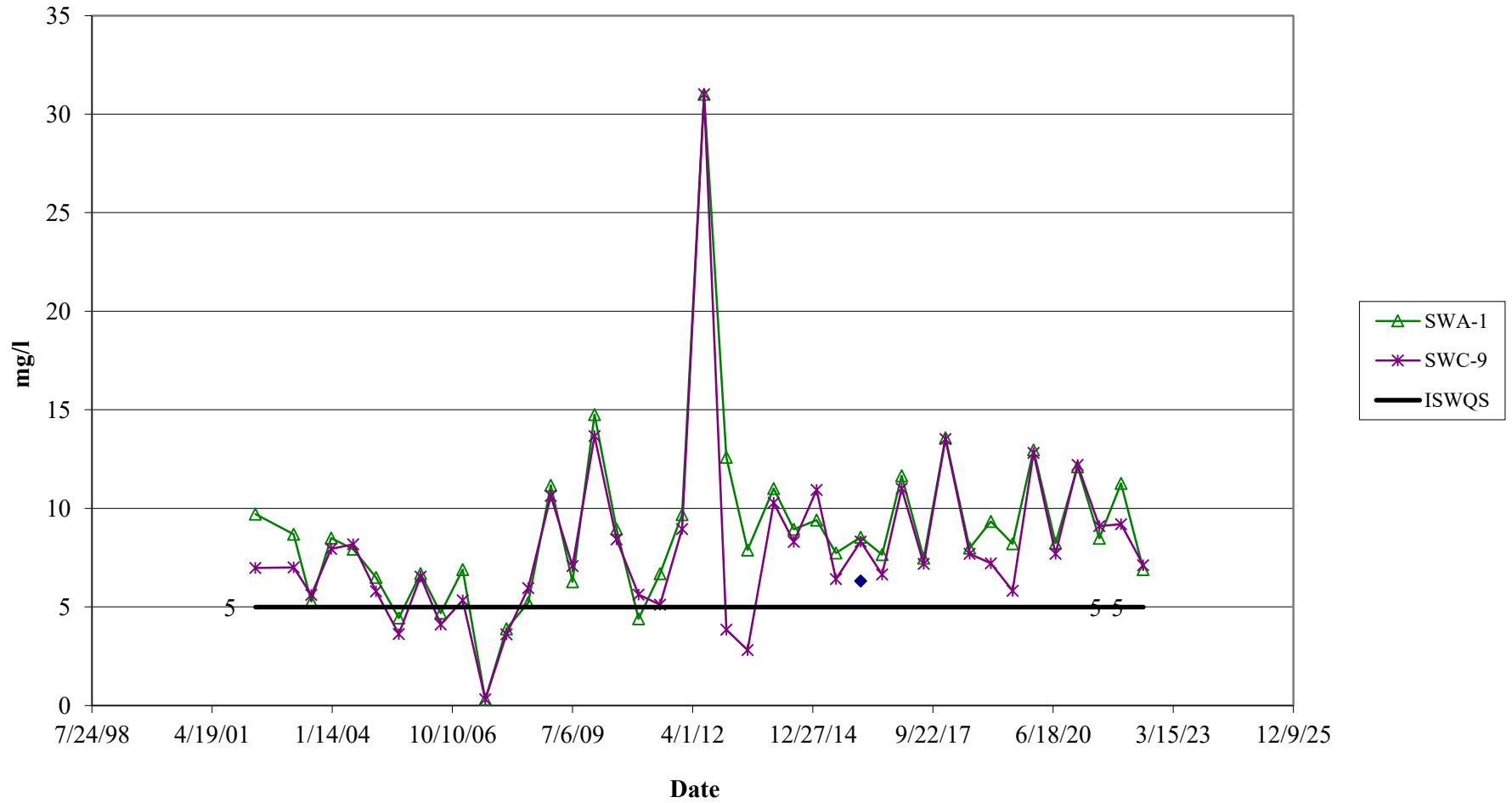
Turbidity

Eagle Point Landfill - Forsyth Co., GA



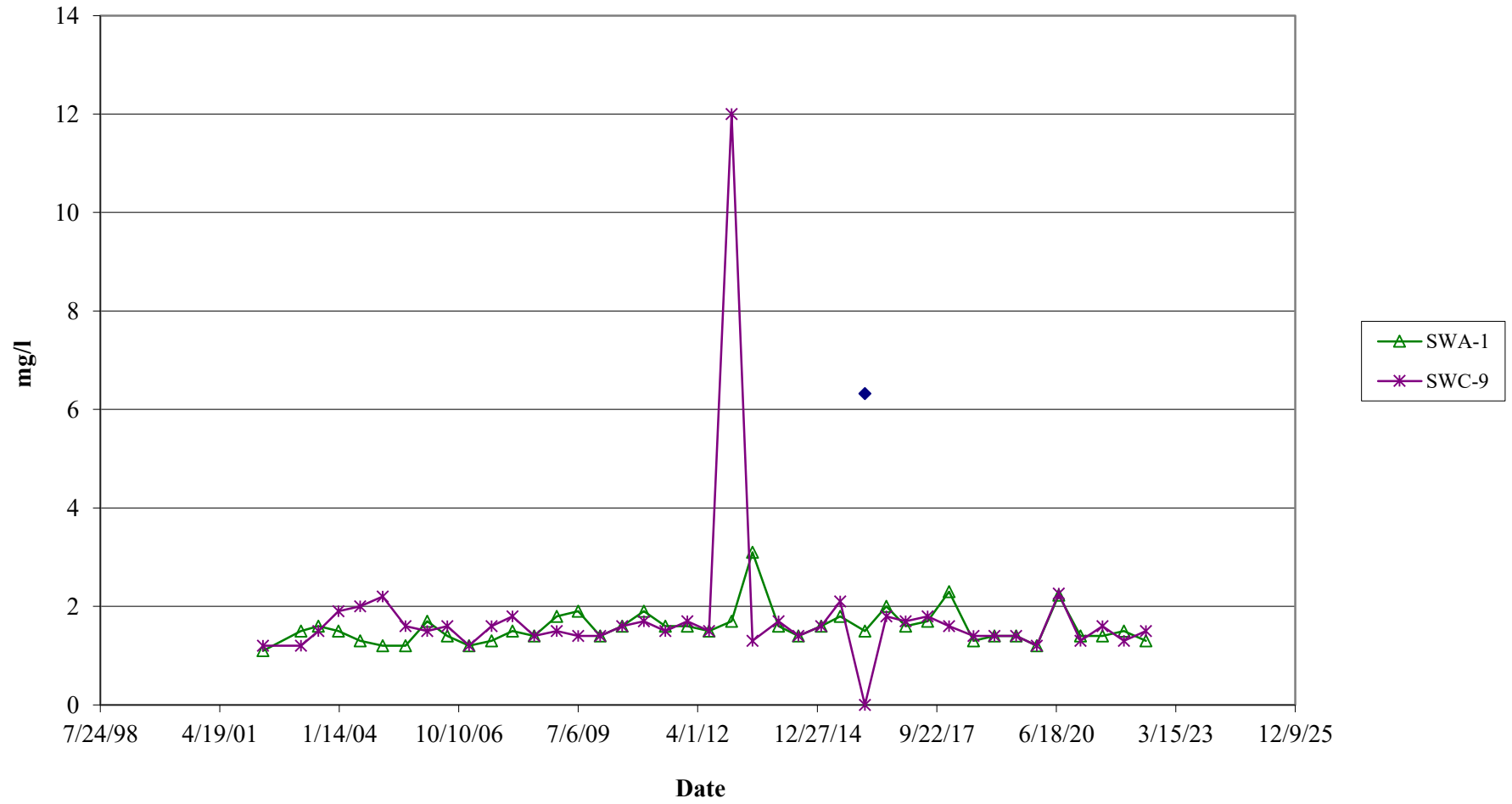
Dissolved Oxygen

Eagle Point Landfill - Forsyth Co., GA



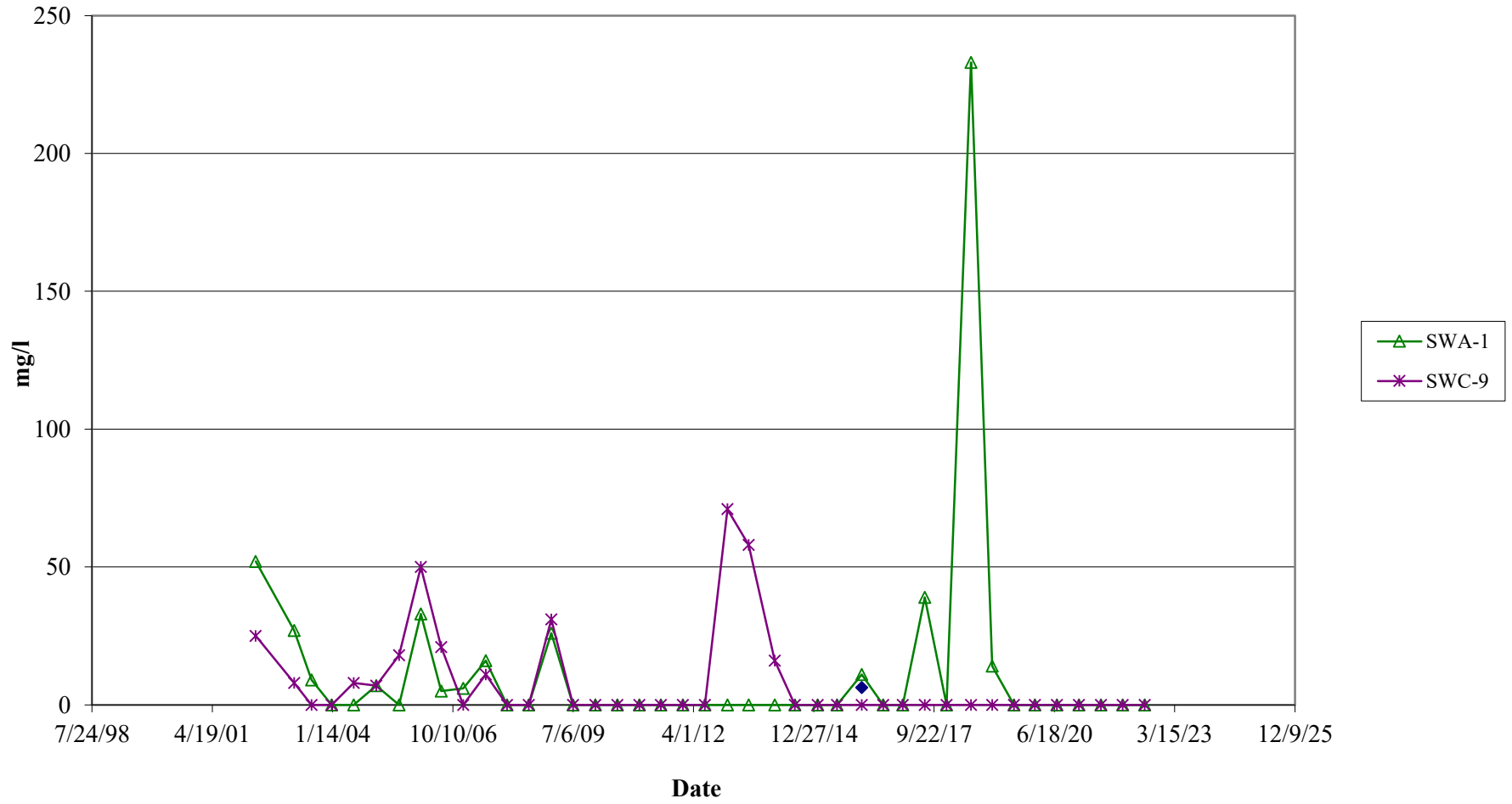
Chloride

Eagle Point Landfill - Forsyth Co., GA



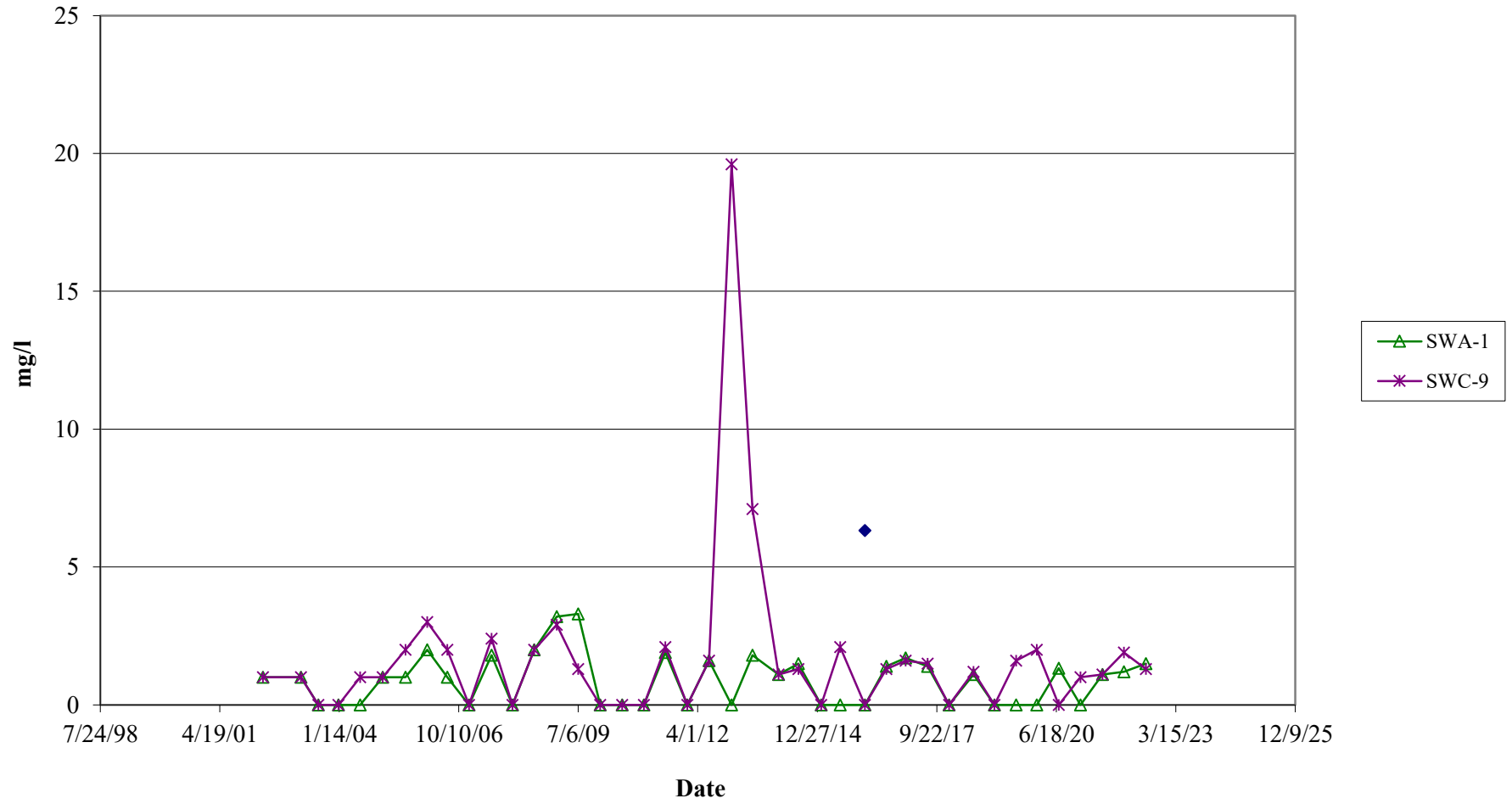
COD

Eagle Point Landfill - Forsyth Co., GA



TOC

Eagle Point Landfill - Forsyth Co., GA



APPENDIX E
Statistical Calculations

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

COMPOUND	TOTAL	ND	DETECTED	%ND	STATISTICAL TEST
Total Arsenic	941	938	3	99.7%	Non-Parametric Prediction Limits
Total Barium	941	370	571	39.3%	Kruskal-Wallis
Total Cadmium	941	940	1	99.9%	Non-Parametric Prediction Limits
Total Beryllium	941	939	2	99.8%	Non-Parametric Prediction Limits
Total Chromium	941	899	42	95.5%	Non-Parametric Prediction Limits
Total Cobalt	941	888	53	94.4%	Non-Parametric Prediction Limits
Total Copper	941	920	21	97.8%	Non-Parametric Prediction Limits
Total Lead	941	934	7	99.3%	Non-Parametric Prediction Limits
Total Nickel	941	919	22	97.7%	Non-Parametric Prediction Limits
Total Selenium	941	924	17	98.2%	Non-Parametric Prediction Limits
Total Vanadium	941	901	40	95.7%	Non-Parametric Prediction Limits
Total Zinc	941	757	184	80.4%	Kruskal-Wallis
Benzene	944	927	17	98.2%	Non-Parametric Prediction Limits
Carbon Disulfide	941	939	2	99.8%	Non-Parametric Prediction Limits
Chloroform	941	940	1	99.9%	Non-Parametric Prediction Limits
Cis 1,2-dichloroethene	908	900	8	99.1%	Non-Parametric Prediction Limits
Xylenes	941	940	1	99.9%	Non-Parametric Prediction Limits

Sampling Event	# Detected
N 1	46
N 2	35
N 3	34
N 4	29
N 5	50
N 6	32
N 7	19
N 8	29
N 9	16
N 10	21
N 11	14
N 12	13
N 13	12
N 14	13
N 15	8
N 16	17
N 17	8
N 18	19
N 19	19
N 20	20
N 21	14
N 22	16
N 23	18
N 24	16
N 25	24
N 26	16
N 27	17
N 28	16
N 29	18
N 30	16
N 31	17
N 32	23
N 33	19
N 34	22

LEGEND FOR THE FOLLOWING PAGES:

ND = *Not Detected* at the method detection limit
MCL = *Primary Maximum Contaminant Level*; GEPD Rule 391-3-5-.18.
NE = *Not Established*; GEPD has not established a MCL
NP = *Not Present* during sampling event
NS = *Not Sampled*
NT = *Not Tested*
A = *Abandoned* well
MDL = *Method Detection Limit*

N 35	23
N 36	27
N2 new wells	0
N1 new wells	0
N2&N3 New Wells	1
N 37	25
N4 new wells	1
N 38	27
N 39	26
N 40	26
#N2 New wells (8-10-20)	1
#N3 New wells (9-16-20)	0
#N4 New wells (10-19-20)	1
N 41	31
N 42	31
N 43	32
N 44	34

Total Detected Concentrations (per compound) =	992
Total Detected Concentrations (per event) =	992
Are all accounted for ?	Yes
Statistical Package Prepared By:	IAI
Statistical Package Checked By:	TAO

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	CWC-2	MDL
3/2/02	120	20
4/15/02	130	20
5/28/02	150	20
7/8/02	150	20
2/28/03	380	20
7/23/03	90	20
1/6/04	100	20
7/8/04	80	20
1/13/05	50	20
7/22/05	40	20
1/18/06	50	20
7/6/06	ND	20
1/4/07	60	20
7/11/07	ND	20
1/3/08	ND	20
7/2/08	40	20
1/5/09	ND	20
7/6/09	ND	20
1/6/10	22	20
7/8/10	ND	20
1/7/11	20.9	20
7/7/11	ND	20
1/5/12	24.1	20
7/6/12	20.3	20
1/9/13	20.8	20
7/3/13	ND	20
2/5/14	ND	20
7/23/14	ND	20
1/28/15	20	20
7/8/15	34.9	20
1/29/16	ND	20
7/27/16	59.6	20
1/5/17	Dry	20
7/6/17	35.2	20
1/4/18	21.5	20
7/25/18	ND	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	ND	20
2/20/19	NS	20
7/18/19	ND	20
1/8/20	ND	20
7/9/20	ND	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	24	20
7/9/21	ND	20
1/5/22	21	20
7/8/22	20	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned} X_{\text{bar}} &= 45.448837 \\ SD &= 65.558797 \\ N &= 43 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 933668 \\ \gamma_1 &= 3.4326402 \end{aligned}$$

Since the Coefficient of Skewness of 3.43 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned} X_{\text{bar}} &= 3.2415216 \\ SD &= 0.9952871 \\ N &= 43 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.7594323 \\ \gamma_1 &= 0.7979446 \end{aligned}$$

Since the Coefficient of Skewness of 0.80 is less than 1.0, the data appear not to be significantly skewed.

Proceed with further statistical tests using the log-transformed values shown above.

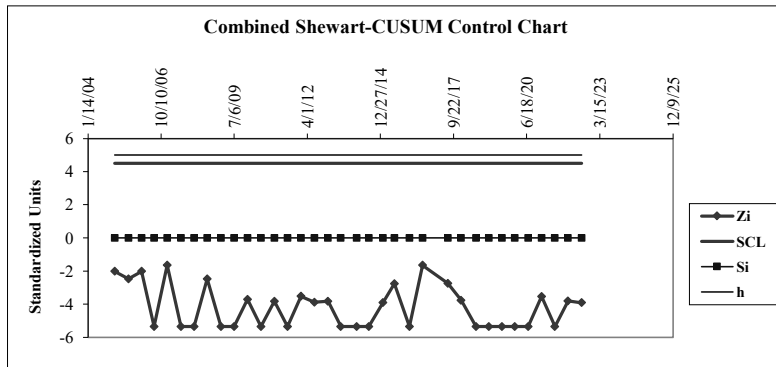
Part 2: Shewhart-CUSUM Control Chart

Compute the mean and standard deviation of the historical data:
 4.8879343 = \bar{x}_{mean} (Mean of N1-N8 historical data)
 0.4831973 = s (Standard Deviation of N1-N8 historical data)
 1 = k (constant, reference value)
 5 = h (constant, upper control limit for the CUSUM scheme)
 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
1/13/05	3.912023	-2.01969532	0	5	4.5
7/22/05	3.6888795	-2.48150161	0	5	4.5
1/18/06	3.912023	-2.01969532	0	5	4.5
7/6/06	2.3025851	-5.35050435	0	5	4.5
1/4/07	4.0943446	-1.6423721	0	5	4.5
7/11/07	2.3025851	-5.35050435	0	5	4.5
1/3/08	2.3025851	-5.35050435	0	5	4.5
7/2/08	3.6888795	-2.48150161	0	5	4.5
1/5/09	2.3025851	-5.35050435	0	5	4.5
7/6/09	2.3025851	-5.35050435	0	5	4.5
1/6/10	3.0910425	-3.71875399	0	5	4.5
7/8/10	2.3025851	-5.35050435	0	5	4.5
1/7/11	3.0397492	-3.82490792	0	5	4.5
7/7/11	2.3025851	-5.35050435	0	5	4.5
1/5/12	3.1822118	-3.53007456	0	5	4.5
7/6/12	3.0106209	-3.88519028	0	5	4.5
1/9/13	3.034953	-3.83483383	0	5	4.5
7/3/13	2.3025851	-5.35050435	0	5	4.5
2/5/14	2.3025851	-5.35050435	0	5	4.5
7/23/14	2.3025851	-5.35050435	0	5	4.5
1/28/15	2.9957323	-3.91600298	0	5	4.5
7/8/15	3.5524868	-2.7637727	0	5	4.5
1/29/16	2.3025851	-5.35050435	0	5	4.5
7/27/16	4.0876556	-1.65621528	0	5	4.5
7/6/17	3.5610461	-2.74605891	0	5	4.5
1/4/18	3.0680529	-3.7663319	0	5	4.5
7/25/18	2.3025851	-5.35050435	0	5	4.5
1/17/19	2.3025851	-5.35050435	0	5	4.5
7/18/19	2.3025851	-5.35050435	0	5	4.5
1/8/20	2.3025851	-5.35050435	0	5	4.5
7/9/20	2.3025851	-5.35050435	0	5	4.5
1/7/21	3.1780538	-3.53867976	0	5	4.5
7/9/21	2.3025851	-5.35050435	0	5	4.5
1/5/22	3.0445224	-3.81502939	0	5	4.5
7/8/22	2.9957323	-3.91600298	0	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h .
 The limits were not exceeded and do not indicate statistically significant evidence of contamination at the site.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL ($\mu\text{g/l}$): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GW C-5	MDL
3/2/02	40	20
4/15/02	50	20
5/28/02	50	20
7/8/02	90	20
2/28/03	80	20
7/23/03	40	20
1/6/04	110	20
7/8/04	50	20
1/13/05	70	20
7/22/05	30	20
1/18/06	90	20
7/6/06	40	20
1/4/07	40	20
7/11/07	90	20
1/3/08	40	20
7/2/08	50	20
1/5/09	52	20
7/6/09	43	20
1/6/10	68	20
7/8/10	53	20
1/7/11	37.3	20
7/7/11	32.5	20
1/5/12	36.6	20
7/6/12	33.3	20
1/9/13	37	20
7/3/13	36.5	20
2/5/14	35.3	20
7/23/14	31	20
1/28/15	35.5	20
7/8/15	28.9	20
1/29/16	39.2	20
7/27/16	28.6	20
1/5/17	30.3	20
7/6/17	33.3	20
1/4/18	33.5	20
7/25/18	41	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20

1/17/19	38	20
2/20/19	NS	20
7/18/19	40	20
1/8/20	36	20
7/9/20	32.7	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	41	20
7/9/21	42	20
1/5/22	44	20
7/8/22	37	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 46.2840909 \\
 SD &= 19.0301834 \\
 N &= 44 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 11974.625 \\
 \gamma_1 &= 1.7984954
 \end{aligned}$$

Since the Coefficient of Skewness of 1.80 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned}
 X_{\text{bar}} &= 3.77225659 \\
 SD &= 0.33526619 \\
 N &= 44 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.04472225 \\
 \gamma_1 &= 1.22837415
 \end{aligned}$$

Since the Coefficient of Skewness of 1.23 is greater than 1.0, the data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. A non-parametric testing procedure should be used on the data set.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
MCL (µg/l): 2000
Method: Wilcoxon Rank Sum (intrawell)

	GWC-5 (BG)	GWC-5	MDL
03/02/02	40		20
04/15/02	50		20
05/28/02	50		20
07/08/02	90		20
02/28/03	80		20
07/23/03	40		20
01/06/04	110		20
07/08/04	50		20
01/13/05	70		20
07/22/05	30		20
01/18/06	90		20
07/06/06	40		20
01/04/07	40		20
07/11/07	90		20
01/03/08	40		20
07/02/08	50		20
01/05/09		52	20
07/06/09		43	20
01/06/10		68	20
07/08/10		53	20
01/07/11		37.3	20
07/07/11		32.5	20
01/05/12		36.6	20
07/06/12		33.3	20
01/09/13		37	20
07/03/13		36.5	20
02/05/14		35.3	20
07/23/14		31	20
01/28/15		35.5	20
07/08/15		28.9	20
01/29/16		39.2	20
07/27/16		28.6	20
01/05/17		30.3	20
07/06/17		33.3	20
01/04/18		33.5	20
07/25/18		41	20
10/02/18		NS	20
10/08/18		NS	20
11/20/18		NS	20
01/17/19		38	20
02/20/19		NS	20
07/18/19		40	20
01/08/20		36	20
07/09/20		32.7	20
08/10/20		NS	20

09/16/20	NS	20
10/19/20	NS	20
01/07/21	41	20
07/09/21	42	20
01/05/22	44	20
07/08/22	37	20

1) Rank the N = 44 observations from the smallest to the largest from background wells and compliance well GWC-5.

$$\begin{aligned}
 n &= 28 \\
 m &= 16 \\
 N &= 44 \\
 C_i \text{ (GWC-5)} &= 486.5
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 80.5$$

3) Compute the expected value and standard deviation of W.

$$\begin{aligned}
 E(W) &= 1/2mn \\
 SD(W) &= ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}
 \end{aligned}$$

$$E(W) = 224$$

Adjustment for tie values:

$$SD(W) = 40.913$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = -3.520$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = -3.520$$

$$Z_{0.01} = 2.326$$

Since Z is smaller, there is not significant evidence of contamination at the compliance well at the 1 percent significance level.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-6	MDL
3/2/02	50	20
4/15/02	40	20
5/28/02	40	20
7/8/02	40	20
2/28/03	50	20
7/23/03	30	20
1/6/04	60	20
7/8/04	60	20
1/13/05	50	20
7/22/05	20	20
1/18/06	30	20
7/6/06	20	20
1/4/07	40	20
7/11/07	30	20
1/3/08	40	20
7/2/08	40	20
1/5/09	56	20
7/6/09	47	20
1/6/10	44	20
7/8/10	49	20
1/7/11	53.2	20
7/7/11	61.8	20
1/5/12	69.1	20
7/6/12	66.8	20
1/9/13	71	20
7/3/13	63.9	20
2/5/14	60.7	20
7/23/14	65.7	20
1/28/15	69.6	20
7/8/15	67.6	20
1/29/16	76.7	20
7/27/16	71.3	20
1/5/17	69.4	20
7/6/17	70.5	20
1/4/18	71.4	20
7/25/18	70	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	75	20
2/20/19	NS	20
7/18/19	73	20
1/8/20	69	20
7/9/20	66.3	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	77	20
7/9/21	72	20
1/5/22	72	20
7/8/22	76	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 56.704545 \\
 SD &= 16.257119 \\
 N &= 44 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -2738.9366 \\
 \gamma_1 &= 0.6598231
 \end{aligned}$$

Since the Coefficient of Skewness of 0.66 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 X_{\text{bar}} &= 3.9861464 \\
 SD &= 0.3492605 \\
 N &= 44 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.0511684 \\
 \gamma_1 &= 1.2431683
 \end{aligned}$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

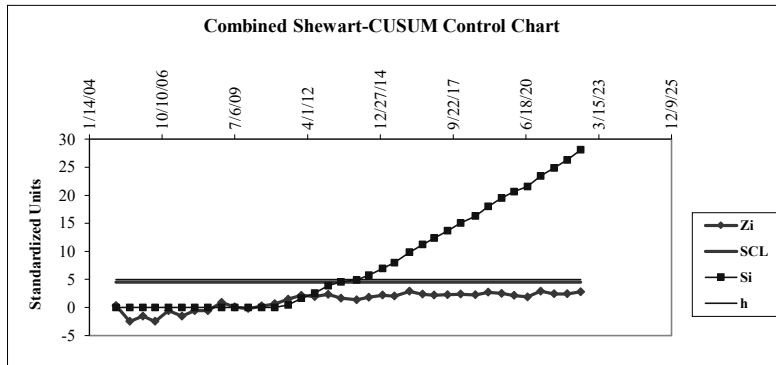
Compute the mean and standard deviation of the historical data:

- 46.25 = \bar{x}_{mean} (Mean of N1-N8 historical data)
- 10.606602 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
1/13/05	50	0.35355339	0	5	4.5
7/22/05	20	-2.47487373	0	5	4.5
1/18/06	30	-1.53206469	0	5	4.5
7/6/06	20	-2.47487373	0	5	4.5
1/4/07	40	-0.58925565	0	5	4.5
7/11/07	30	-1.53206469	0	5	4.5
1/3/08	40	-0.58925565	0	5	4.5
7/2/08	40	-0.58925565	0	5	4.5
1/5/09	56	0.91923882	0	5	4.5
7/6/09	47	0.07071068	0	5	4.5
1/6/10	44	-0.21213203	0	5	4.5
7/8/10	49	0.25927249	0	5	4.5
1/7/11	53.2	0.65525228	0	5	4.5
7/7/11	61.8	1.46606806	0.46606806	5	4.5
1/5/12	69.1	2.15431866	1.62038672	5	4.5
7/6/12	66.8	1.93747258	2.5578593	5	4.5
1/9/13	71	2.33345238	3.89131168	5	4.5
7/3/13	63.9	1.66405796	4.55536964	5	4.5
2/5/14	60.7	1.36235907	4.9177287	5	4.5
7/23/14	65.7	1.83376359	5.75149229	5	4.5
1/28/15	69.6	2.20145911	6.9529514	5	4.5
7/8/15	67.6	2.0128973	7.9658487	5	4.5
1/29/16	76.7	2.87085353	9.83670223	5	4.5
7/27/16	71.3	2.36173665	11.1984389	5	4.5
1/5/17	69.4	2.18260293	12.3810418	5	4.5
7/6/17	70.5	2.28631193	13.6673537	5	4.5
1/4/18	71.4	2.37116474	15.0385185	5	4.5
7/25/18	70	2.23917147	16.27769	5	4.5
1/17/19	75	2.71057599	17.9882659	5	4.5
7/18/19	73	2.52201419	19.5102801	5	4.5
1/8/20	69	2.14489057	20.6551707	5	4.5
7/9/20	66.3	1.89033213	21.5455028	5	4.5
1/7/21	77	2.8991378	23.4446406	5	4.5
7/9/21	72	2.42773328	24.8723739	5	4.5
1/5/22	72	2.42773328	26.3001072	5	4.5
7/8/22	76	2.8048569	28.1049641	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h . One, or both, of the control limits was exceeded. Therefore, there is statistically significant evidence of contamination in this well at the concentrations indicated above.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-7A	MDL
3/2/02	250	20
4/15/02	170	20
5/28/02	130	20
7/8/02	40	20
2/28/03	100	20
7/23/03	70	20
1/6/04	70	20
7/8/04	50	20
1/13/05	30	20
7/22/05	30	20
1/18/06	30	20
7/6/06	40	20
1/4/07	40	20
7/11/07	40	20
1/3/08	40	20
7/2/08	30	20
1/5/09	26	20
7/6/09	30	20
1/6/10	27	20
7/8/10	28	20
1/7/11	27.3	20
7/7/11	27.2	20
1/5/12	28.3	20
7/6/12	29.3	20
1/9/13	28.7	20
7/3/13	26.8	20
2/5/14	25.6	20
7/23/14	26.2	20
1/28/15	28.8	20
7/8/15	27.1	20
1/29/16	28.1	20
7/27/16	29.1	20
1/5/17	30.1	20
7/6/17	28.4	20
1/4/18	29.2	20
7/25/18	29	20
10/2/18	NS	20
10/8/18	NS	20

11/20/18	NS	20
1/17/19	31	20
2/20/19	NS	20
7/18/19	30	20
1/8/20	32	20
7/9/20	28.7	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	35	20
7/9/21	29	20
1/5/22	35	20
7/8/22	30	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
X_{\text{bar}} &= 44.7931818 \\
SD &= 42.4649042 \\
N &= 44 \\
1/N \sum_i (X_i - X_{\text{bar}})^3 &= 256641.827 \\
\gamma_1 &= 3.46907207
\end{aligned}$$

Since the Coefficient of Skewness of 3.47 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned}
X_{\text{bar}} &= 3.60807968 \\
SD &= 0.51774054 \\
N &= 44 \\
1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.30831398 \\
\gamma_1 &= 2.299498
\end{aligned}$$

Since the Coefficient of Skewness of 2.30 is greater than 1.0, the data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. A non-parametric testing procedure should be used on the data set.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
MCL (µg/l): 2000
Method: Wilcoxon Rank Sum (intrawell)

	GWC-7 (BG)	GWC-7	MDL
03/02/02	250		20
04/15/02	170		20
05/28/02	130		20
07/08/02	40		20
02/28/03	100		20
07/23/03	70		20
01/06/04	70		20
07/08/04	50		20
01/13/05	30		20
07/22/05	30		20
01/18/06	30		20
07/06/06	40		20
01/04/07	40		20
07/11/07	40		20
01/03/08	40		20
07/02/08	30		20
01/05/09		26	20
07/06/09		30	20
01/06/10		27	20
07/08/10		28	20
01/07/11		27.3	20
07/07/11		27.2	20
01/05/12		28.3	20
07/06/12		29.3	20
01/09/13		28.7	20
07/03/13		26.8	20
02/05/14		25.6	20
07/23/14		26.2	20
01/28/15		28.8	20
07/08/15		27.1	20
01/29/16		28.1	20
07/27/16		29.1	20
01/05/17		30.1	20
07/06/17		28.4	20
01/04/18		29.2	20
07/25/18		29	20
10/02/18		NS	20
10/08/18		NS	20
11/20/18		NS	20
01/17/19		31	20
02/20/19		NS	20
07/18/19		30	20
01/08/20		32	20
07/09/20		28.7	20
08/10/20		NS	20

09/16/20	NS	20
10/19/20	NS	20
01/07/21	35	20
07/09/21	29	20
01/05/22	35	20
07/08/22	30	20

1) Rank the N = 44 observations from the smallest to the largest from background wells and compliance well GWC-7.

$$\begin{aligned}
 n &= 28 \\
 m &= 16 \\
 N &= 44 \\
 C_i (\text{GWC-7}) &= 432.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 26$$

3) Compute the expected value and standard deviation of W.

$$\begin{aligned}
 E(W) &= 1/2mn \\
 SD(W) &= ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}
 \end{aligned}$$

$$E(W) = 224$$

Adjustment for tie values:

$$SD(W) = 40.872$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = -4.857$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = -4.857$$

$$Z_{0.01} = 2.326$$

Since Z is smaller, there is not significant evidence of contamination at the compliance well at the 1 percent significance level.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-8	MDL
3/2/02	20	20
4/15/02	20	20
5/28/02	20	20
7/8/02	ND	20
2/28/03	30	20
7/23/03	20	20
1/6/04	30	20
7/8/04	20	20
1/13/05	ND	20
7/22/05	ND	20
1/18/06	ND	20
7/6/06	20	20
1/4/07	30	20
7/11/07	20	20
1/3/08	ND	20
7/2/08	20	20
1/5/09	26	20
7/6/09	32	20
1/6/10	42	20
7/8/10	33	20
1/7/11	26	20
7/7/11	58.9	20
1/5/12	65.9	20
7/6/12	58.9	20
1/9/13	58.5	20
7/3/13	54.8	20
2/5/14	64.4	20
7/23/14	60.6	20
1/28/15	62.4	20
7/8/15	72.5	20
1/29/16	71.2	20
7/27/16	57.4	20
1/5/17	51.9	20
7/6/17	27.7	20
1/4/18	53.7	20
7/25/18	51	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	49	20
2/20/19	NS	20
7/18/19	63	20
1/8/20	47	20
7/9/20	59.4	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	68	20
7/9/21	58	20
1/5/22	48	20
7/8/22	53	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 40.322727 \\
 SD &= 20.048092 \\
 N &= 44 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -576.90737 \\
 \gamma_1 &= 0.0741077
 \end{aligned}$$

Since the Coefficient of Skewness of 0.07 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 X_{\text{bar}} &= 3.5361352 \\
 SD &= 0.6222873 \\
 N &= 44 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.1590735 \\
 \gamma_1 &= 0.6832842
 \end{aligned}$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

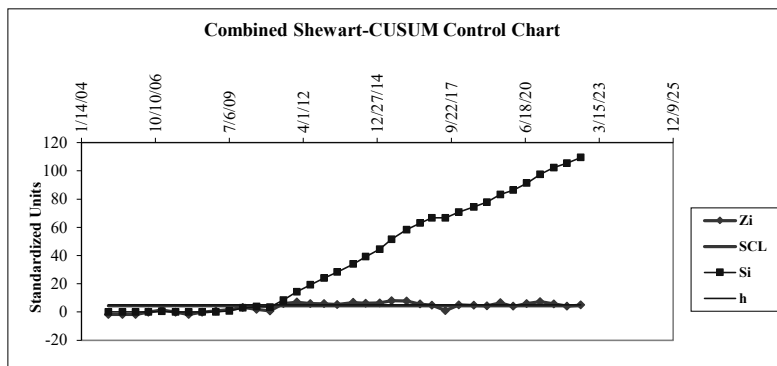
Compute the mean and standard deviation of the historical data:

- 21.25 = x_{mean} (Mean of N1-N8 historical data)
- 6.4086994 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
1/13/05	10	-1.75542637	0	5	4.5
7/22/05	10	-1.75542637	0	5	4.5
1/18/06	10	-1.75542637	0	5	4.5
7/6/06	20	-0.19504737	0	5	4.5
1/4/07	30	1.36533162	0.36533162	5	4.5
7/11/07	20	-0.19504737	0	5	4.5
1/3/08	10	-1.75542637	0	5	4.5
7/2/08	20	-0.19504737	0	5	4.5
1/5/09	26	0.74118002	0	5	4.5
7/6/09	32	1.67740742	0.67740742	5	4.5
1/6/10	42	3.23778642	2.91519383	5	4.5
7/8/10	33	1.83344532	3.74863915	5	4.5
1/7/11	26	0.74118002	3.48981918	5	4.5
7/7/11	58.9	5.87482692	8.36464609	5	4.5
1/5/12	65.9	6.96709221	14.3317383	5	4.5
7/6/12	58.9	5.87482692	19.2065652	5	4.5
1/9/13	58.5	5.81241176	24.018977	5	4.5
7/3/13	54.8	5.23507153	28.2540485	5	4.5
2/5/14	64.4	6.73303536	33.9870839	5	4.5
7/23/14	60.6	6.14009135	39.1271752	5	4.5
1/28/15	62.4	6.42095957	44.5481348	5	4.5
7/8/15	72.5	7.99694235	51.5450771	5	4.5
1/29/16	71.2	7.79409308	58.3391702	5	4.5
7/27/16	57.4	5.64077007	62.9799403	5	4.5
1/5/17	51.9	4.78256162	66.7625019	5	4.5
7/6/17	27.7	1.00644445	66.7689464	5	4.5
1/4/18	53.7	5.06342984	70.8323762	5	4.5
7/25/18	51	4.64212751	74.4745037	5	4.5
1/17/19	49	4.33005171	77.8045554	5	4.5
7/18/19	63	6.51458231	83.3191377	5	4.5
1/8/20	47	4.01797591	86.3371136	5	4.5
7/9/20	59.4	5.95284587	91.2899595	5	4.5
1/7/21	68	7.2947718	97.5847313	5	4.5
7/9/21	58	5.73439281	102.319124	5	4.5
1/5/22	48	4.17401381	105.493138	5	4.5
7/8/22	53	4.95420331	109.447341	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h . One, or both, of the control limits was exceeded. Therefore, there is statistically significant evidence of contamination in this well at the concentrations indicated above.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GW C-9	MDL
3/2/02	NP	20
4/15/02	NP	20
5/28/02	NP	20
7/8/02	NP	20
2/28/03	60	20
7/23/03	ND	20
1/6/04	ND	20
7/8/04	ND	20
1/13/05	ND	20
7/22/05	ND	20
1/18/06	20	20
7/6/06	20	20
1/4/07	20	20
7/11/07	20	20
1/3/08	Dry	20
7/2/08	30	20
1/5/09	35	20
7/6/09	29	20
1/6/10	ND	20
7/8/10	37	20
1/7/11	34.4	20
7/7/11	35.6	20
1/5/12	Dry	20
7/6/12	Dry	20
1/9/13	Dry	20
7/3/13	37.6	20
2/5/14	37.2	20
7/23/14	49.6	20
1/28/15	115	20
7/8/15	160	20
1/29/16	293	20
7/27/16	427	20
1/5/17	426	20
7/6/17	320	20
1/4/18	366	20
7/25/18	550	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	510	20
2/20/19	NS	20
7/18/19	350	20
1/8/20	370	20
7/9/20	308	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	390	20
7/9/21	300	20
1/5/22	230	20
7/8/22	130	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 160.288889 \\
 SD &= 172.917113 \\
 N &= 36 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 3872434.83 \\
 \gamma_1 &= 0.78130729
 \end{aligned}$$

Since the Coefficient of Skewness of 0.78 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 X_{\text{bar}} &= 4.26080871 \\
 SD &= 1.41862811
 \end{aligned}$$

$$N = 36$$

$$1/N \sum_i (X_i - X_{\text{bar}})^2 = 0.12207667$$

$$\gamma_1 = 0.0446045$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

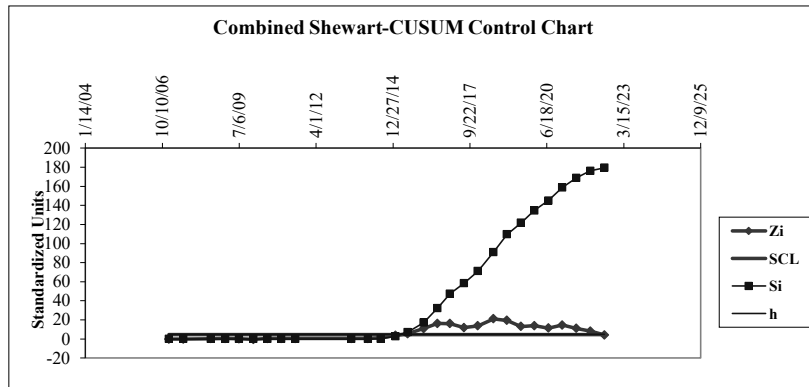
Compute the mean and standard deviation of the historical data:

- 22.5 = x_{mean} (Mean of N1-N8 historical data)
- 25 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
1/4/07	20	-0.1	0	5	4.5
7/11/07	20	-0.1	0	5	4.5
7/2/08	30	0.3	0	5	4.5
1/5/09	35	0.5	0	5	4.5
7/6/09	29	0.26	0	5	4.5
1/6/10	10	-0.5	0	5	4.5
7/8/10	37	0.58	0	5	4.5
1/7/11	34.4	0.476	0	5	4.5
7/7/11	35.6	0.524	0	5	4.5
7/3/13	37.6	0.604	0	5	4.5
2/5/14	37.2	0.588	0	5	4.5
7/23/14	49.6	1.084	0.084	5	4.5
1/28/15	115	3.7	2.784	5	4.5
7/8/15	160	5.5	7.284	5	4.5
1/29/16	293	10.82	17.104	5	4.5
7/27/16	427	16.18	32.284	5	4.5
1/5/17	426	16.14	47.424	5	4.5
7/6/17	320	11.9	58.324	5	4.5
1/4/18	366	13.74	71.064	5	4.5
7/25/18	550	21.1	91.164	5	4.5
1/17/19	510	19.5	109.664	5	4.5
7/18/19	350	13.1	121.764	5	4.5
1/8/20	370	13.9	134.664	5	4.5
7/9/20	308	11.42	145.084	5	4.5
1/7/21	390	14.7	158.784	5	4.5
7/9/21	300	11.1	168.884	5	4.5
1/5/22	230	8.3	176.184	5	4.5
7/8/22	130	4.3	179.484	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h . One, or both, of the control limits was exceeded. Therefore, there is statistically significant evidence of contamination in this well at the concentrations indicated above.

Forsyth County, Georgia
BLE Project Number J22-1472-178

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-10	MDL
2/28/03	50	20
7/23/03	20	20
1/6/04	50	20
7/8/04	60	20
1/13/05	40	20
7/22/05	260	20
1/18/06	30	20
7/6/06	30	20
1/4/07	30	20
7/11/07	40	20
1/3/08	40	20
7/2/08	140	20
1/5/09	ND	20
7/6/09	22	20
1/6/10	22	20
7/8/10	21	20
1/7/11	Dry	20
7/7/11	Dry	20
1/5/12	Dry	20
7/6/12	22.5	20
1/9/13	22.3	20
7/3/13	ND	20
2/5/14	20.4	20
7/23/14	22.5	20
1/28/15	26.2	20
7/8/15	26.4	20
1/29/16	26.9	20
7/27/16	29.1	20
1/5/17	29.9	20
7/6/17	43.2	20
1/4/18	34.7	20
7/25/18	31	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	34	20
2/20/19	NS	20
7/18/19	36	20

1/8/20	43	20
7/9/20	46.3	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	72	20
7/9/21	80	20
1/5/22	110	20
7/8/22	120	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 47.3351351 \\
 \text{SD} &= 46.1699891 \\
 N &= 37 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 291583.465 \\
 \gamma_1 &= 3.08697001
 \end{aligned}$$

Since the Coefficient of Skewness of 3.09 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned}
 X_{\text{bar}} &= 3.59634885 \\
 \text{SD} &= 0.66845545 \\
 N &= 37 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.22713198 \\
 \gamma_1 &= 0.79233657
 \end{aligned}$$

Since the Coefficient of Skewness of 0.79 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
MCL (µg/l): 2000
Method: Wilcoxon Rank Sum (intrawell)

	GWC-10 (BG)	GWC-10	MDL
03/02/02	NP		20
04/15/02	NP		20
05/28/02	NP		20
07/08/02	NP		20
02/28/03	50		20
07/23/03	20		20
01/06/04	50		20
07/08/04	60		20
01/13/05	40		20
07/22/05	260		20
01/18/06	30		20
07/06/06	30		20
01/04/07	30		20
07/11/07	40		20
01/03/08	40		20
07/02/08	140		20
01/05/09	ND		20
07/06/09	22		20
01/06/10	22		20
07/08/10	21		20
01/07/11		Dry	20
07/07/11		Dry	20
01/05/12		Dry	20
07/06/12		22.5	20
01/09/13		22.3	20
07/03/13		ND	20
02/05/14		20.4	20
07/23/14		22.5	20
01/28/15		26.2	20
07/08/15		26.4	20
01/29/16		26.9	20
07/27/16		29.1	20
01/05/17		29.9	20
07/06/17		43.2	20
01/04/18		34.7	20
07/25/18		31	20
10/02/18		NS	20
10/08/18		NS	20
11/20/18		NS	20
01/17/19		34	20
02/20/19		NS	20
07/18/19		36	20
01/08/20		43	20
07/09/20		46.3	20
08/10/20		NS	20

Barium (IntraWil C-10)

09/16/20	NS	20
10/19/20	NS	20
01/07/21	72	20
07/09/21	80	20
01/05/22	110	20
07/08/22	120	20

1) Rank the N = 37 observations from the smallest to the largest from background wells and compliance well GWC-10.

$$\begin{aligned}
 n &= 21 \\
 m &= 16 \\
 N &= 37 \\
 C_i (\text{GWC-10}) &= 394.5
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 163.5$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}$$

$$E(W) = 168$$

Adjustment for tie values:

$$SD(W) = 32.596$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = -0.153$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = -0.153$$

$$Z_{0.01} = 2.326$$

Since Z is smaller, there is not significant evidence of contamination at the compliance well at the 1 percent significance level.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-11	MDL
3/2/02	NP	20
4/15/02	NP	20
5/28/02	NP	20
7/8/02	NP	20
2/28/03	50	20
7/23/03	ND	20
1/6/04	ND	20
7/8/04	ND	20
1/13/05	20	20
7/22/05	ND	20
1/18/06	20	20
7/6/06	20	20
1/4/07	ND	20
7/11/07	30	20
1/3/08	ND	20
7/2/08	30	20
1/5/09	Dry	20
7/6/09	28	20
1/6/10	74	20
7/8/10	21	20
1/7/11	Dry	20
7/7/11	67.5	20
1/5/12	33	20
7/6/12	Dry	20
1/9/13	118	20
7/3/13	45.6	20
2/5/14	24.1	20
7/23/14	38.3	20
1/28/15	27.2	20
7/8/15	24.3	20
1/29/16	54.7	20
7/27/16	86.3	20
1/5/17	79.4	20
7/6/17	126	20
1/4/18	205	20
7/25/18	230	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	190	20
2/20/19	NS	20
7/18/19	250	20
1/8/20	420	20
7/9/20	499	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	620	20
7/9/21	600	20
1/5/22	590	20
7/8/22	470	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 139.227027 \\
 SD &= 188.970873 \\
 N &= 37 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 10120671.6 \\
 \gamma_1 &= 1.56269262
 \end{aligned}$$

Since the Coefficient of Skewness of 1.56 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned}
 X_{\text{bar}} &= 4.07110575 \\
 SD &= 1.3427397
 \end{aligned}$$

$$N = 37$$

$$1/N \sum_i (X_i - X_{\text{bar}})^3 = 0.90389444$$

$$\gamma_1 = 0.38903713$$

Since the Coefficient of Skewness of 0.39 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

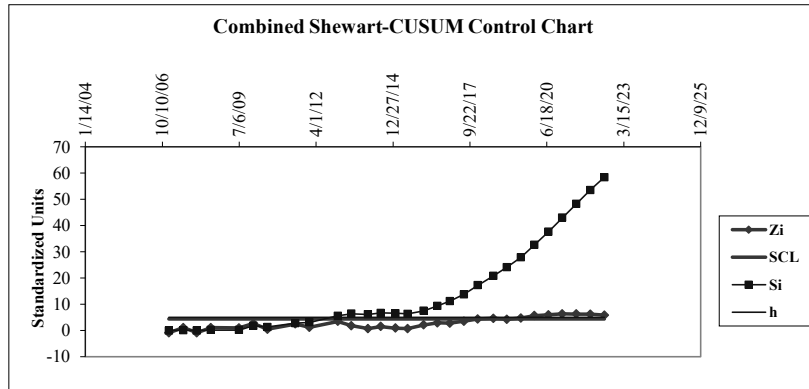
Part 2: Shewhart-CUSUM Control Chart

Compute the mean and standard deviation of the historical data:
 $2.76369502 = x_{\text{mean}}$ (Mean of N1-N8 historical data)
 $0.57702073 = s$ (Standard Deviation of N1-N8 historical data)
 $1 = k$ (constant, reference value)
 $5 = h$ (constant, upper control limit for the CUSUM scheme)
 $4.5 = \text{SCL}$ (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
1/4/07	2.30258509	-0.79912195	0	5	4.5
7/11/07	3.40119738	1.10481707	0.10481707	5	4.5
1/3/08	2.30258509	-0.79912195	0	5	4.5
7/2/08	3.40119738	1.10481707	0.20963415	5	4.5
7/6/09	3.33220451	0.98524967	0.19488381	5	4.5
1/6/10	4.30460509	2.66952291	1.86440673	5	4.5
7/8/10	3.04452244	0.48668513	1.35109186	5	4.5
7/7/11	4.2121276	2.51019156	2.86128342	5	4.5
1/5/12	3.49650756	1.26999342	3.13127685	5	4.5
1/9/13	4.77068462	3.47819322	5.60947007	5	4.5
7/3/13	3.81990772	1.83045882	6.43992889	5	4.5
2/5/14	3.18221184	0.72530637	6.16523526	5	4.5
7/23/14	3.6454499	1.52811645	6.69335171	5	4.5
1/28/15	3.30321697	0.93501311	6.62836482	5	4.5
7/8/15	3.19047635	0.7396291	6.36799392	5	4.5
1/29/16	4.00186371	2.14579583	7.51378975	5	4.5
7/27/16	4.4578296	2.93600295	9.4497927	5	4.5
1/5/17	4.37449837	2.7915866	11.2413793	5	4.5
7/6/17	4.83628191	3.59187593	13.8332552	5	4.5
1/4/18	5.32300998	4.43539514	17.2686504	5	4.5
7/25/18	5.43807931	4.63481489	20.9034653	5	4.5
1/17/19	5.24702407	4.30370853	24.2071738	5	4.5
7/18/19	5.52146092	4.77931855	27.9864923	5	4.5
1/8/20	6.04025471	5.67840894	32.6649013	5	4.5
7/9/20	6.2126061	5.97710078	37.6420021	5	4.5
1/7/21	6.42971948	6.35336695	42.995369	5	4.5
7/9/21	6.39692966	6.29654088	48.2919099	5	4.5
1/5/22	6.38012254	6.26741347	53.5593234	5	4.5
7/8/22	6.15273269	5.87333778	58.4326611	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h. One, or both, of the control limits was exceeded. Therefore, there is statistically significant evidence of contamination in this well at the concentrations indicated above.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
 GA MCL (µg/l): 2000
 Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-12	MDL
7/8/04	ND	20
1/13/05	ND	20
7/22/05	ND	20
1/18/06	ND	20
7/6/06	20	20
1/4/07	ND	20
7/11/07	NS	20
1/3/08	Dry	20
7/2/08	Dry	20
1/5/09	Dry	20
7/6/09	140	20
1/6/10	83	20
7/8/10	210	20
1/7/11	146	20
7/7/11	148	20
1/5/12	104	20
7/6/12	74.4	20
1/9/13	31.9	20
7/3/13	ND	20
2/5/14	26	20
7/23/14	23.8	20
1/28/15	33.4	20
7/8/15	41	20
1/29/16	41.4	20
7/27/16	55.2	20
1/5/17	58.6	20
7/6/17	43.2	20
1/4/18	55.9	20
7/25/18	64	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	50	20
2/20/19	NS	20
7/18/19	70	20
1/8/20	70	20
7/9/20	78.2	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	95	20
7/9/21	110	20
1/5/22	110	20
7/8/22	130	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 65.848485 \\
 SD &= 49.670937 \\
 N &= 33 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 108970.92 \\
 \gamma_1 &= 0.9312141
 \end{aligned}$$

Since the Coefficient of Skewness of 0.93 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 X_{\text{bar}} &= 3.8457557 \\
 SD &= 0.9215485 \\
 N &= 33
 \end{aligned}$$

$$1/N\sum_i(X_i - \bar{X}_{\text{bar}})^3 = -0.3572097$$

$$\gamma_1 = 0.4779853$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

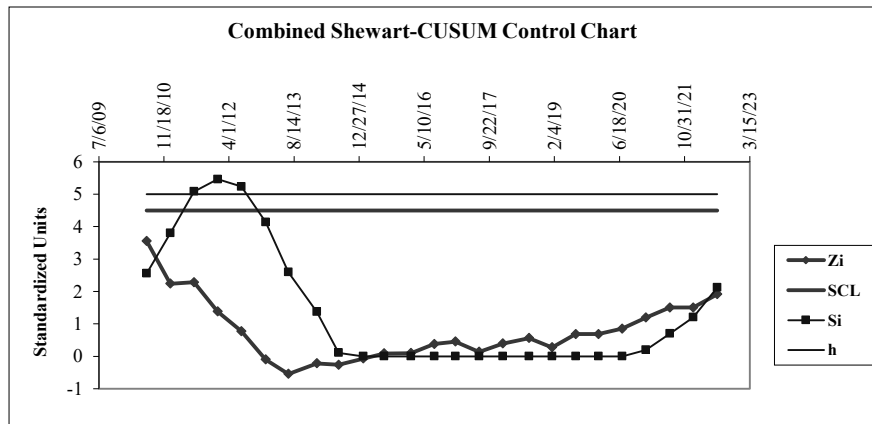
Compute the mean and standard deviation of the historical data:

- 36.625 = \bar{x}_{mean} (Mean of N1-N8 historical data)
- 48.782132 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
7/8/10	210	3.55406769	2.55406769	5	4.5
1/7/11	146	2.24211192	3.7961796	5	4.5
7/7/11	148	2.28311053	5.07929014	5	4.5
1/5/12	104	1.38114094	5.46043107	5	4.5
7/6/12	74.4	0.7743614	5.23479247	5	4.5
1/9/13	31.9	-0.09685923	4.13793324	5	4.5
7/3/13	10	-0.5457941	2.59213913	5	4.5
2/5/14	26	-0.21780516	1.37433398	5	4.5
7/23/14	23.8	-0.26290364	0.11143034	5	4.5
1/28/15	33.4	-0.06611027	0	5	4.5
7/8/15	41	0.08968448	0	5	4.5
1/29/16	41.4	0.0978842	0	5	4.5
7/27/16	55.2	0.38077466	0	5	4.5
1/5/17	58.6	0.45047231	0	5	4.5
7/6/17	43.2	0.13478296	0	5	4.5
1/4/18	55.9	0.39512418	0	5	4.5
7/25/18	64	0.56116858	0	5	4.5
1/17/19	50	0.27417826	0	5	4.5
7/18/19	70	0.68416444	0	5	4.5
1/8/20	70	0.68416444	0	5	4.5
7/9/20	78.2	0.85225877	0	5	4.5
1/7/21	95	1.19664716	0.19664716	5	4.5
7/9/21	110	1.50413679	0.70078395	5	4.5
1/5/22	110	1.50413679	1.20492075	5	4.5
7/8/22	130	1.91412297	2.11904372	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h .
 The limits were not exceeded and do not indicate statistically significant evidence of contamination at the site.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GW-C-13/13R	MDL
7/8/04	70	20
1/13/05	ND	20
7/22/05	90	20
1/18/06	20	20
7/6/06	50	20
1/4/07	40	20
7/11/07	50	20
1/3/08	20	20
7/2/08	60	20
1/5/09	Dry	20
7/6/09	Dry	20
1/6/10	Dry	20
7/8/10	ND	20
1/7/11	24.6	20
7/7/11	23.3	20
1/5/12	22	20
7/6/12	22	20
1/9/13	25.5	20
7/3/13	ND	20
2/5/14	21.4	20
7/23/14	ND	20
1/28/15	28.4	20
7/8/15	28	20
1/29/16	27.1	20
7/27/16	22.5	20
1/5/17	34.3	20
7/6/17	36.9	20
1/4/18	35.5	20
7/25/18	28	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	27	20
2/20/19	NS	20
7/18/19	27	20
1/8/20	40	20
7/9/20	23.6	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	37	20
7/9/21	37	20
1/5/22	52	20
7/8/22	44	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 32.561765 \\
 SD &= 17.391796 \\
 N &= 34 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 6628.7317 \\
 \gamma_1 &= 1.3177852
 \end{aligned}$$

Since the Coefficient of Skewness of 1.32 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned}
 X_{\text{bar}} &= 3.3508394 \\
 SD &= 0.5340245 \\
 N &= 34 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.039436
 \end{aligned}$$

$$\gamma_1 = 0.2708048$$

Since the Coefficient of Skewness of 0.27 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

Part 2: Shewhart-CUSUM Control Chart

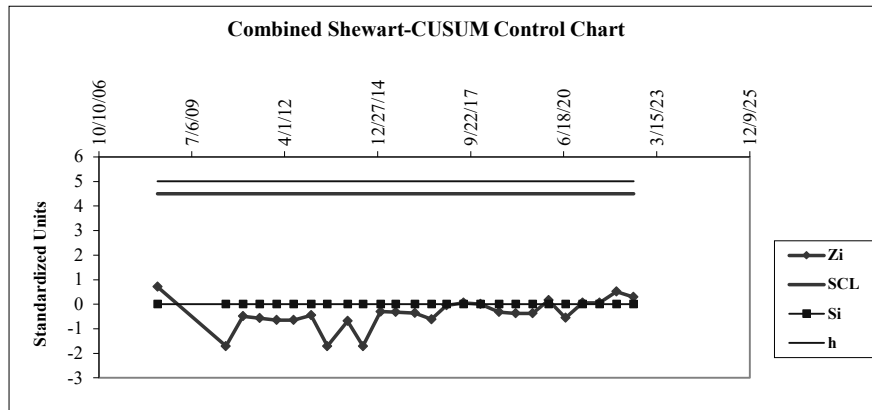
Compute the mean and standard deviation of the historical data:

- 3.56941 = \bar{x} (Mean of N1-N8 historical data)
- 0.7405498 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
7/2/08	4.0943446	0.70884436	0	5	4.5
7/8/10	2.3025851	-1.71065454	0	5	4.5
1/7/11	3.2027464	-0.49512342	0	5	4.5
7/7/11	3.1484534	-0.56843798	0	5	4.5
1/5/12	3.0910425	-0.64596269	0	5	4.5
7/6/12	3.0910425	-0.64596269	0	5	4.5
1/9/13	3.2386785	-0.4466027	0	5	4.5
7/3/13	2.3025851	-1.71065454	0	5	4.5
2/5/14	3.0633909	-0.68330188	0	5	4.5
7/23/14	2.3025851	-1.71065454	0	5	4.5
1/28/15	3.3463891	-0.30115578	0	5	4.5
7/8/15	3.3322045	-0.32030997	0	5	4.5
1/29/16	3.2995337	-0.3644269	0	5	4.5
7/27/16	3.1135153	-0.61561651	0	5	4.5
1/5/17	3.5351454	-0.0462692	0	5	4.5
7/6/17	3.6082116	0.0523956	0	5	4.5
1/4/18	3.5695327	0.00016568	0	5	4.5
7/25/18	3.3322045	-0.32030997	0	5	4.5
1/17/19	3.2958369	-0.36941895	0	5	4.5
7/18/19	3.2958369	-0.36941895	0	5	4.5
1/8/20	3.6888795	0.16132534	0	5	4.5
7/9/20	3.1612467	-0.5511625	0	5	4.5
1/7/21	3.6109179	0.05605013	0	5	4.5
7/9/21	3.6109179	0.05605013	0	5	4.5
1/5/22	3.9512437	0.51560841	0	5	4.5
7/8/22	3.7841896	0.29002726	0	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h. The limits were not exceeded and do not indicate statistically significant evidence of contamination at the site.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-14R	MDL
1/28/15	61.6	20
7/8/15	69.8	20
1/29/16	53.9	20
7/27/16	48.8	20
1/5/17	67.4	20
7/6/17	31.9	20
1/4/18	44.1	20
7/25/18	350	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	43	20
2/20/19	NS	20
7/18/19	45	20
1/8/20	25	20
7/9/20	38.7	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	27	20
7/9/21	23	20
1/5/22	ND	20
7/8/22	ND	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 59.325 \\
 SD &= 79.624883 \\
 N &= 16 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 1509855 \\
 \gamma_1 &= 3.2948217
 \end{aligned}$$

Since the Coefficient of Skewness of 3.29 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned}
 X_{\text{bar}} &= 3.6898675 \\
 SD &= 0.8249479 \\
 N &= 16 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.3083205 \\
 \gamma_1 &= 0.6050146
 \end{aligned}$$

Since the Coefficient of Skewness of 0.61 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
MCL (µg/l): 2000
Method: Wilcoxon Rank Sum (intrawell)

	GWC-14 (BG)	GWC-14	MDL
01/28/15	61.6		20
07/08/15	69.8		20
01/29/16	53.9		20
07/27/16	48.8		20
01/05/17	67.4		20
07/06/17	31.9		20
01/04/18	44.1		20
07/25/18	350		20
10/02/18		NS	20
10/08/18		NS	20
11/20/18		NS	20
01/17/19		43	20
02/20/19		NS	20
07/18/19		45	20
01/08/20		25	20
07/09/20		38.7	20
08/10/20		NS	20
09/16/20		NS	20
10/19/20		NS	20
01/07/21		27	20
07/09/21		23	20
01/05/22		ND	20
07/08/22		ND	20

1) Rank the N = 16 observations from the smallest to the largest from background wells and compliance well GWC-14.

$$\begin{aligned}
 n &= 8 \\
 m &= 8 \\
 N &= 16 \\
 C_i (\text{GWC-14}) &= 40.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 4$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 32$$

Adjustment for tie values:

Barium (IntraWil C-14R)

$$SD(W) = 9.515$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = -2.995$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = -2.995$$

$$Z_{0.01} = 2.326$$

Since Z is smaller, there is not significant evidence of contamination at the compliance well at the 1 percent significance level.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-15	MDL
7/8/04	90	20
1/13/05	40	20
7/22/05	60	20
1/18/06	60	20
7/6/06	50	20
1/4/07	70	20
7/11/07	110	20
1/3/08	100	20
7/2/08	130	20
1/5/09	53	20
7/6/09	83	20
1/6/10	35	20
7/8/10	59	20
1/7/11	49.8	20
7/7/11	57.3	20
1/5/12	53.5	20
7/6/12	61.3	20
1/9/13	72.2	20
7/3/13	48.7	20
2/5/14	65	20
7/23/14	64	20
1/28/15	59.7	20
7/8/15	65.4	20
1/29/16	72.1	20
7/27/16	76.2	20
1/5/17	65.1	20
7/6/17	77.2	20
1/4/18	77.1	20
7/25/18	84	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	82	20
2/20/19	NS	20
7/18/19	100	20
1/8/20	85	20
7/9/20	116	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	120	20
7/9/21	130	20
1/5/22	130	20
7/8/22	150	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 78.421622 \\
 SD &= 28.182926 \\
 N &= 37 \\
 1/N \sum_i (X_i - X_{\text{bar}})^2 &= 17891.182 \\
 \gamma_1 &= 0.8327788
 \end{aligned}$$

Since the Coefficient of Skewness of 0.83 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 X_{\text{bar}} &= 4.3028137 \\
 SD &= 0.3467717 \\
 N &= 37 \\
 1/N \sum_i (X_i - X_{\text{bar}})^2 &= 0.0067322
 \end{aligned}$$

$$\gamma_i = 0.1682195$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

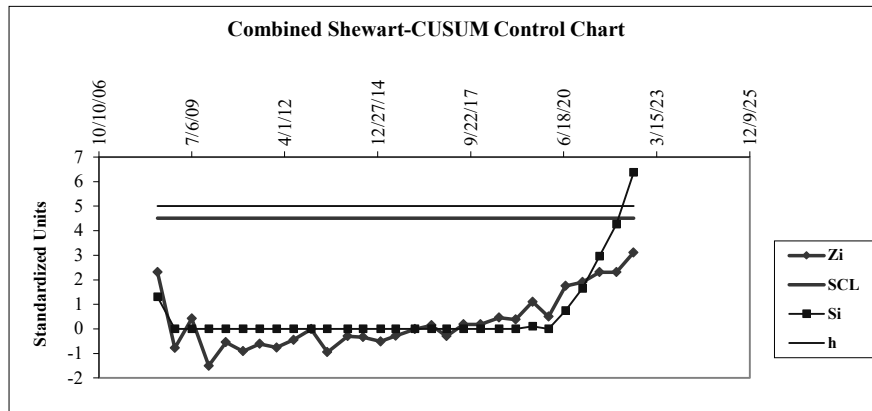
Compute the mean and standard deviation of the historical data:

- 72.5 = \bar{x}_{mean} (Mean of N1-N8 historical data)
- 24.928469 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
7/2/08	130	2.30659973	1.30659973	5	4.5
1/5/09	53	-0.78223817	0	5	4.5
7/6/09	83	0.42120517	0	5	4.5
1/6/10	35	-1.50430417	0	5	4.5
7/8/10	59	-0.5415495	0	5	4.5
1/7/11	49.8	-0.91060546	0	5	4.5
7/7/11	57.3	-0.60974462	0	5	4.5
1/5/12	53.5	-0.76218078	0	5	4.5
7/6/12	61.3	-0.44928551	0	5	4.5
1/9/13	72.2	-0.01203443	0	5	4.5
7/3/13	48.7	-0.95473171	0	5	4.5
2/5/14	65	-0.30086083	0	5	4.5
7/23/14	64	-0.34097561	0	5	4.5
1/28/15	59.7	-0.51346916	0	5	4.5
7/8/15	65.4	-0.28481492	0	5	4.5
1/29/16	72.1	-0.01604591	0	5	4.5
7/27/16	76.2	0.14842468	0	5	4.5
1/5/17	65.1	-0.29684936	0	5	4.5
7/6/17	77.2	0.18853946	0	5	4.5
1/4/18	77.1	0.18452798	0	5	4.5
7/25/18	84	0.46131995	0	5	4.5
1/17/19	82	0.38109039	0	5	4.5
7/18/19	100	1.10315639	0.10315639	5	4.5
1/8/20	85	0.50143472	0	5	4.5
7/9/20	116	1.74499284	0.74499284	5	4.5
1/7/21	120	1.90545195	1.65044478	5	4.5
7/9/21	130	2.30659973	2.95704451	5	4.5
1/5/22	130	2.30659973	4.26364424	5	4.5
7/8/22	150	3.10889528	6.37253952	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h . One, or both, of the control limits was exceeded. Therefore, there is statistically significant evidence of contamination in this well at the concentrations indicated above.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-16	MDL
7/8/04	NP	20
1/13/05	NP	20
7/22/05	NP	20
1/18/06	NP	20
7/6/06	NP	20
1/4/07	NP	20
7/11/07	NP	20
1/3/08	NP	20
7/2/08	NP	20
1/5/09	NP	20
7/6/09	NP	20
1/6/10	NP	20
7/8/10	ND	20
1/7/11	20.8	20
7/7/11	20.2	20
1/5/12	61.6	20
7/6/12	25.4	20
1/9/13	86.6	20
7/3/13	23.7	20
2/5/14	48.8	20
7/23/14	21.8	20
1/28/15	28.2	20
7/8/15	22.8	20
1/29/16	24.1	20
7/27/16	28.1	20
1/5/17	29.5	20
7/6/17	48	20
1/4/18	63.3	20
7/25/18	80	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	68	20
2/20/19	NS	20
7/18/19	110	20
1/8/20	130	20
7/9/20	ND	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	120	20
7/9/21	130	20
1/5/22	140	20
7/8/22	140	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 59.636 \\
 SD &= 44.6643303 \\
 N &= 25 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 56740.2774 \\
 \gamma_1 &= 0.67702098
 \end{aligned}$$

Since the Coefficient of Skewness of 0.68 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 X_{\text{bar}} &= 3.78772131 \\
 SD &= 0.82236363 \\
 N &= 25 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.0377827 \\
 \gamma_1 &= 0.07222617
 \end{aligned}$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

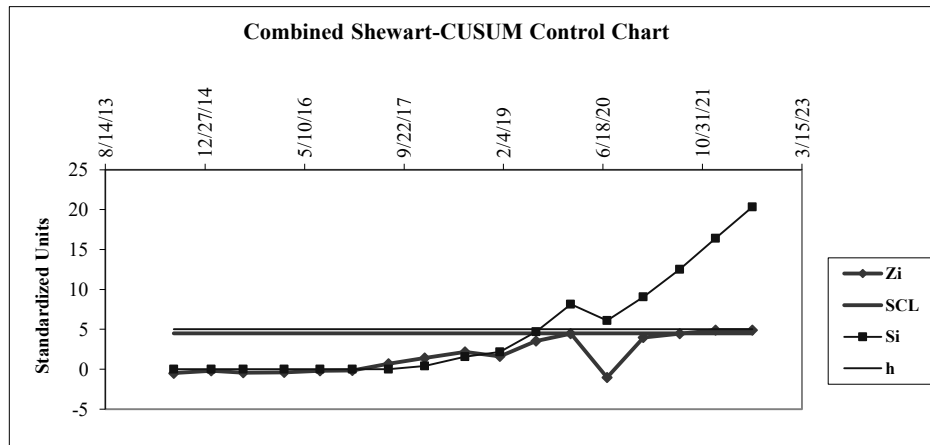
Compute the mean and standard deviation of the historical data:

$$\begin{aligned}
 32.8333333 &= x_{\text{mean}} \text{ (Mean of N1-N8 historical data)} \\
 21.8629755 &= s \text{ (Standard Deviation of N1-N8 historical data)} \\
 1 &= k \text{ (constant, reference value)} \\
 5 &= h \text{ (constant, upper control limit for the CUSUM scheme)} \\
 4.5 &= \text{SCL (Constant, upper Shewhart Control Limit)}
 \end{aligned}$$

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
7/23/14	21.8	-0.50465836	0	5	4.5
1/28/15	28.2	-0.21192602	0	5	4.5
7/8/15	22.8	-0.45891893	0	5	4.5
1/29/16	24.1	-0.39945767	0	5	4.5
7/27/16	28.1	-0.21649996	0	5	4.5
1/5/17	29.5	-0.15246476	0	5	4.5
7/6/17	48	0.69371466	0	5	4.5
1/4/18	63.3	1.39352792	0.39352792	5	4.5
7/25/18	80	2.15737637	1.55090429	5	4.5
1/17/19	68	1.60850323	2.15940751	5	4.5
7/18/19	110	3.52955922	4.68896673	5	4.5
1/8/20	130	4.44434779	8.13331452	5	4.5
7/9/20	10	-1.04438361	6.08893091	5	4.5
1/7/21	120	3.9869535	9.07588441	5	4.5
7/9/21	130	4.44434779	12.5202322	5	4.5
1/5/22	140	4.90174207	16.4219743	5	4.5
7/8/22	140	4.90174207	20.3237163	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h. One, or both, of the control limits was exceeded. Therefore, there is statistically significant evidence of contamination in this well at the concentrations indicated above.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-17	MDL
7/8/04	NP	20
1/13/05	NP	20
7/22/05	NP	20
1/18/06	NP	20
7/6/06	NP	20
1/4/07	NP	20
7/11/07	NP	20
1/3/08	NP	20
7/2/08	NP	20
1/5/09	NP	20
7/6/09	NP	20
1/6/10	NP	20
7/8/10	ND	20
1/7/11	ND	20
7/7/11	ND	20
1/5/12	36.1	20
7/6/12	ND	20
1/9/13	22.7	20
7/3/13	38	20
2/5/14	29.5	20
7/23/14	20.2	20
1/28/15	42.8	20
7/8/15	28.6	20
1/29/16	30.3	20
7/27/16	30.8	20
1/5/17	27.5	20
7/6/17	29.7	20
1/4/18	30.9	20
7/25/18	28	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	36	20
2/20/19	NS	20
7/18/19	32	20
1/8/20	36	20
7/9/20	28.2	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	34	20
7/9/21	30	20
1/5/22	46	20
7/8/22	77	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 30.172 \\
 SD &= 13.8262588 \\
 N &= 25 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 3021.21276 \\
 \gamma_1 &= 1.2152354
 \end{aligned}$$

Since the Coefficient of Skewness of 1.22 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned}
 X_{\text{bar}} &= 3.29742635 \\
 SD &= 0.50773991 \\
 N &= 25 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.0976098 \\
 \gamma_1 &= 0.79279808
 \end{aligned}$$

Since the Coefficient of Skewness of 0.79 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

Part 2: Shewhart-CUSUM Control Chart

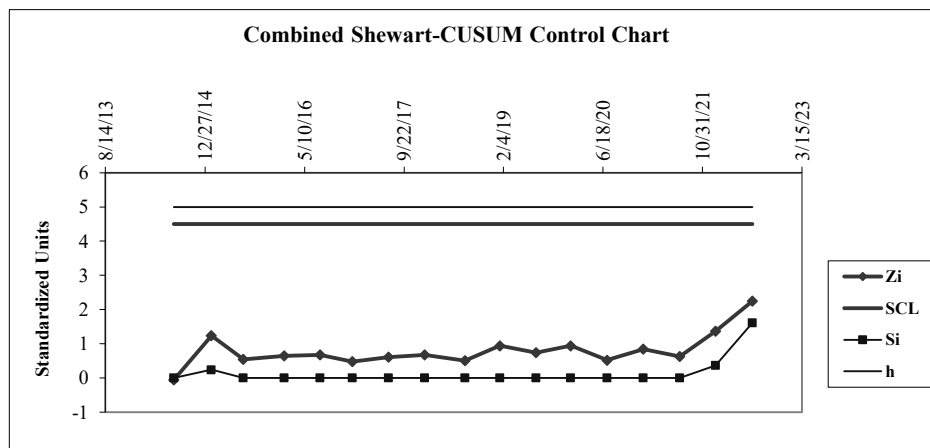
Compute the mean and standard deviation of the historical data:

$$\begin{aligned}
 3.03897914 &= x_{\text{mean}} \text{ (Mean of N1-N8 historical data)} \\
 0.5804875 &= s \text{ (Standard Deviation of N1-N8 historical data)} \\
 1 &= k \text{ (constant, reference value)} \\
 5 &= h \text{ (constant, upper control limit for the CUSUM scheme)} \\
 4.5 &= \text{SCL (Constant, upper Shewhart Control Limit)}
 \end{aligned}$$

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
7/23/14	3.0056826	-0.05735961	0	5	4.5
1/28/15	3.7565381	1.23613162	0.23613162	5	4.5
7/8/15	3.35340672	0.54166123	0	5	4.5
1/29/16	3.41114771	0.64113106	0	5	4.5
7/27/16	3.42751469	0.66932629	0	5	4.5
1/5/17	3.314186	0.4740961	0	5	4.5
7/6/17	3.39114705	0.60667611	0	5	4.5
1/4/18	3.43075618	0.67491038	0	5	4.5
7/25/18	3.33220451	0.5051364	0	5	4.5
1/17/19	3.58351894	0.93807324	0	5	4.5
7/18/19	3.4657359	0.73516959	0	5	4.5
1/8/20	3.58351894	0.93807324	0	5	4.5
7/9/20	3.33932198	0.51739759	0	5	4.5
1/7/21	3.52636052	0.83960702	0	5	4.5
7/9/21	3.40119738	0.62398973	0	5	4.5
1/5/22	3.8286414	1.36034324	0.36034324	5	4.5
7/8/22	4.34380542	2.24781114	1.60815439	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h. The limits were not exceeded and do not indicate statistically significant evidence of contamination at the site.

Eagle Point MSW Landfill
 Forsyth County, Georgia
 B.L.E. Project Number J22-1472-178

Compound: Total Cadmium
 GA MCL (µg/l): 5
 Method: Non-Parametric Prediction Limits
 Background: GWA-1, GWA-2

Date	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL		
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5
01/07/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/09/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/05/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/08/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5

- 1) If not detected (ND), use half of the detection limit.
- 2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 44.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL= 2.5.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'n' = 2.

n = 88
 PL = 2.5
 m = 3

Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178

Compound: Total Cobalt
 GA MCL (µg/l): Not Established
 Method: Non-Parametric Prediction Limits
 Background: GWA-1, GWA-2

Date	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL					
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	125	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	171	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	186	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	155	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	125	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	208	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	290	ND	44	47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170	ND	57	73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	74	69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	118	ND	114	86.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
01/07/21	ND	ND	ND	ND	ND	ND	9.6	ND	ND	ND	24	150	ND	150	99	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/21	ND	ND	ND	ND	ND	9	ND	ND	ND	30	110																											

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Cobalt
MCL (µg/l): Not Established
Method: Wilcoxon Rank Sum (intrawell)

	GW C-9 (BG)	GW C-9	MDL
02/28/03	ND		40
07/23/03	ND		40
01/06/04	ND		40
07/08/04	ND		40
01/13/05	ND		40
07/22/05	ND		40
01/18/06	ND		40
07/06/06	ND		40
01/04/07	ND		40
07/11/07	ND		40
01/03/08	ND		40
07/02/08	ND		40
01/05/09	ND		40
07/06/09	ND		40
01/06/10	ND		40
07/08/10	ND		40
01/07/11		ND	40
07/07/11		ND	40
01/05/12		ND	40
07/06/12		ND	40
01/09/13		ND	40
07/03/13		ND	40
02/05/14		ND	40
07/23/14		ND	40
01/28/15		ND	40
07/08/15		ND	40
01/29/16		ND	40
07/27/16		ND	40
01/05/17		ND	40
07/06/17		ND	40
01/04/18		ND	40
07/25/18		ND	40
10/02/18		NS	40
10/08/18		NS	40
11/20/18		NS	40
01/17/19		ND	40
02/20/19		NS	40
07/18/19		ND	40
01/08/20		ND	40
07/09/20		ND	40
08/10/20		NS	40
09/16/20		NS	40
10/19/20		NS	40
01/07/21		24	6
07/09/21		30	6

01/05/22	27	6
07/08/22	29	6

1) Rank the N = 40 observations from the smallest to the largest from background wells and compliance well GWC-9.

$$\begin{aligned}
 n &= 24 \\
 m &= 16 \\
 N &= 40 \\
 C_i(\text{GWC-9}) &= 524.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 224$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 192$$

Adjustment for tie values:

$$SD(W) = 18.860$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = 1.670$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = 1.670$$

$$Z_{0.01} = 2.326$$

Since Z is smaller, there is not significant evidence of contamination at the compliance well at the 1 percent significance level.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Cobalt
MCL (µg/l): Not Established
Method: Wilcoxon Rank Sum (intrawell)

	GW C-9 (BG)	GW C-9	MDL
02/28/03	ND		40
07/23/03	ND		40
01/06/04	ND		40
07/08/04	ND		40
01/13/05	ND		40
07/22/05	ND		40
01/18/06	ND		40
07/06/06	ND		40
01/04/07	ND		40
07/11/07	ND		40
01/03/08	Dry		40
07/02/08	ND		40
01/05/09	ND		40
07/06/09	ND		40
01/06/10	ND		40
07/08/10	ND		40
01/07/11	ND		40
07/07/11		ND	40
01/05/12		Dry	40
07/06/12		Dry	40
01/09/13		Dry	40
07/03/13		ND	40
02/05/14		120	40
07/23/14		125	40
01/28/15		74.8	40
07/08/15		171	40
01/29/16		186	40
07/27/16		155	40
01/05/17		87.3	40
07/06/17		113	40
01/04/18		208	40
07/25/18		250	40
10/02/18		NS	40
10/08/18		NS	40
11/20/18		NS	40
01/17/19		290	40
02/20/19		NS	40
07/18/19		170	40
01/08/20		140	40
07/09/20		118	40
08/10/20		NS	40
09/16/20		NS	40
10/19/20		NS	40
01/07/21		150	6
07/09/21		110	6

01/05/22	94	6
07/08/22	51	6

1) Rank the N = 36 observations from the smallest to the largest from background wells and compliance well GWC-9.

$$\begin{aligned}
 n &= 20 \\
 m &= 16 \\
 N &= 36 \\
 C_i (\text{GWC-9}) &= 514.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 304$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 160$$

Adjustment for tie values:

$$SD(W) = 29.387$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = 4.883$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = 4.883$$

$$Z_{0.01} = 2.326$$

Since Z is greater, there is significant evidence of contamination at the compliance well at the 1 percent significance level.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Cobalt
MCL (µg/l): Not Established
Method: Wilcoxon Rank Sum (intrawell)

	GWC-11 (BG)	CWC-11	MDL
02/28/03	ND		40
07/23/03	ND		40
01/06/04	ND		40
07/08/04	ND		40
01/13/05	ND		40
07/22/05	ND		40
01/18/06	ND		40
07/06/06	ND		40
01/04/07	ND		40
07/11/07	ND		40
01/03/08	ND		40
07/02/08	ND		40
01/05/09	Dry		40
07/06/09	ND		40
01/06/10	ND		40
07/08/10	ND		40
01/07/11	Dry		40
07/07/11	ND		40
01/05/12		ND	40
07/06/12		Dry	40
01/09/13		ND	40
07/03/13		ND	40
02/05/14		ND	40
07/23/14		ND	40
01/28/15		ND	40
07/08/15		ND	40
01/29/16		ND	40
07/27/16		ND	40
01/05/17		ND	40
07/06/17		ND	40
01/04/18		ND	40
07/25/18		ND	40
10/02/18		NS	40
10/08/18		NS	40
11/20/18		NS	40
01/17/19		44	40
02/20/19		NS	40
07/18/19		57	40
01/08/20		74	40
07/09/20		114	40
08/10/20		NS	40
09/16/20		NS	40
10/19/20		NS	40
01/07/21		150	6
07/09/21		140	6

Cobalt (IntraWil C-11)

01/05/22	110	6
07/08/22	82	6

1) Rank the N = 37 observations from the smallest to the largest from background wells and compliance well CWC-11.

$$\begin{aligned}
 n &= 21 \\
 m &= 16 \\
 N &= 37 \\
 C_i(\text{CWC-11}) &= 463.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 232$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 168$$

Adjustment for tie values:

$$SD(W) = 23.493$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = 2.703$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = 2.703$$

$$Z_{0.01} = 2.326$$

Since Z is greater, there is significant evidence of contamination at the compliance well at the 1 percent significance level.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: **Total Cobalt**
MCL (µg/l): Not Established
Method: Wilcoxon Rank Sum (intrawell)

	GWC-12R (BG)	CWC-12R	MDL
02/28/03	NP		40
07/23/03	NP		40
01/06/04	NP		40
07/08/04	ND		40
01/13/05	ND		40
07/22/05	ND		40
01/18/06	ND		40
07/06/06	ND		40
01/04/07	ND		40
07/11/07	NS		40
01/03/08	Dry		40
07/02/08	Dry		40
01/05/09	Dry		40
07/06/09	ND		40
01/06/10	ND		40
07/08/10	ND		40
01/07/11	ND		40
07/07/11	ND		40
01/05/12	ND		40
07/06/12	ND		40
01/09/13	ND		40
07/03/13		ND	40
02/05/14		ND	40
07/23/14		ND	40
01/28/15		ND	40
07/08/15		ND	40
01/29/16		51	40
07/27/16		75.1	40
01/05/17		60.4	40
07/06/17		ND	40
01/04/18		48.6	40
07/25/18		67	40
10/02/18		NS	40
10/08/18		NS	40
11/20/18		NS	40
01/17/19		47	40
02/20/19		NS	40
07/18/19		73	40
01/08/20		69	40
07/09/20		86.9	40
08/10/20		NS	40
09/16/20		NS	40
10/19/20		NS	40
01/07/21		99	6

07/09/21	120	6
01/05/22	110	6
07/08/22	120	6

1) Rank the N = 33 observations from the smallest to the largest from background wells and compliance well CWC-12R.

$$\begin{aligned}
 n &= 19 \\
 m &= 14 \\
 N &= 33 \\
 C_i \text{ (CWC-12R)} &= 414.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 224$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}$$

$$E(W) = 133$$

Adjustment for tie values:

$$SD(W) = 24.208$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = 3.738$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = 3.738$$

$$Z_{0.01} = 2.326$$

Since Z is greater, there is significant evidence of contamination at the compliance well at the 1 percent significance level.

Eagle Point MSW Landfill
 Forsyth County, Georgia
 B.L.E. Project Number J22-1472-178

Compound: Total Copper
 GA MCL (µg/l): 1300
 Method: Non-Parametric Prediction Limits
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL	
03/02/02	ND	ND	50	ND	ND	50	ND	ND	ND	50	70	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
04/15/02	ND	ND	40	ND	ND	60	ND	ND	ND	50	70	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
05/28/02	ND	ND	20	ND	ND	70	ND	ND	ND	30	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/08/02	ND	ND	30	ND	ND	40	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
02/28/03	20	30	20	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/13/05	ND	ND	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/06/10	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	36.5	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
01/07/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/09/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/05/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/08/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20

- 1) If not detected (ND), use half of the detection limit.
- 2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 44.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL= 30.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'nr' = 2.

n = 88
 PL = 30
 m = 3
 false positive rate (α) = 0.03

	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R
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Eagle Point MSW Landfill
 Forsyth County, Georgia
 B.L.E. Project Number J22-1472-178

Compound: Total Nickel
 GA MCL (µg/l): 100
 Method: Non-Parametric Prediction Limits
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL		
03/02/02	ND	ND	30	ND	ND	ND	ND	ND	ND	60	60	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
02/28/03	20	ND	ND	30	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.4	ND	ND	21.4	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	20.3	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.2	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20	
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
01/07/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/09/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/05/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/08/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20

- 1) If not detected (ND), use half of the detection limit.
- 2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 44.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 10.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'm' = 2.

n = 88
 PL = 20
 m = 2
 false positive rate (α) = 0.03

	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-
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**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Nickel
MCL (µg/l): 100
Method: Wilcoxon Rank Sum (intrawell)

	GWC-11 (BG)	CWC-12R	MDL
07/08/04	ND		10
01/13/05	ND		10
07/22/05	ND		10
01/18/06	ND		10
07/06/06	ND		10
01/04/07	ND		10
07/11/07	NS		10
01/03/08	Dry		10
07/02/08	Dry		10
01/05/09	Dry		10
07/06/09	ND		10
01/06/10	ND		10
07/08/10	ND		10
01/07/11	ND		10
07/07/11	ND		10
01/05/12	ND		10
07/06/12	ND		10
01/09/13	ND		10
07/03/13		ND	10
02/05/14		ND	10
07/23/14		ND	10
01/28/15		ND	10
07/08/15		ND	10
01/29/16		ND	10
07/27/16		21.4	10
01/05/17		ND	10
07/06/17		ND	10
01/04/18		ND	10
07/25/18		ND	10
10/02/18		NS	10
10/08/18		NS	10
11/20/18		NS	10
01/17/19		ND	10
02/20/19		NS	10
07/18/19		ND	10
01/08/20		ND	10
07/09/20		ND	10
08/10/20		NS	10
09/16/20		NS	10
10/19/20		NS	10
01/07/21		20	10
07/09/21		26	10
01/05/22		24	10
07/08/22		29	10

1) Rank the $N = 33$ observations from the smallest to the largest from background wells and compliance well CWC-12R.

$$\begin{aligned}n &= 19 \\m &= 14 \\N &= 33 \\C_i \text{ (CWC-12R)} &= 358.0\end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n/(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 168$$

3) Compute the expected value and standard deviation of W .

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}$$

$$E(W) = 133$$

Adjustment for tie values:

$$SD(W) = 17.131$$

4) Form the appropriate Z -score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = 2.014$$

5) Compare the observed Z -score to the upper 0.01 percentile of the normal distribution.

$$Z = 2.014$$

$$Z_{0.01} = 2.326$$

Since Z is smaller, there is not significant evidence of contamination at the compliance well at the 1 percent significance level.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Selenium
MCL (µg/l): 50
Method: Wilcoxon Rank Sum (intrawell)

	GWC-11 (BG)	CWC-11	MDL
02/28/03	ND		10
07/23/03	ND		10
01/06/04	ND		10
07/08/04	ND		10
01/13/05	ND		10
07/22/05	ND		10
01/18/06	ND		10
07/06/06	ND		10
01/04/07	ND		10
07/11/07	ND		10
01/03/08	ND		10
07/02/08	ND		10
01/05/09	Dry		10
07/06/09	ND		10
01/06/10	ND		10
07/08/10	ND		10
01/07/11	Dry		10
07/07/11	ND		10
01/05/12		ND	10
07/06/12		Dry	10
01/09/13		ND	10
07/03/13		ND	10
02/05/14		ND	10
07/23/14		ND	10
01/28/15		ND	10
07/08/15		ND	10
01/29/16		ND	10
07/27/16		ND	10
01/05/17		ND	10
07/06/17		ND	10
01/04/18		11	10
07/25/18		17	10
10/02/18		NS	10
10/08/18		NS	10
11/20/18		NS	10
01/17/19		15	10
02/20/19		NS	10
07/18/19		23	10
01/08/20		17	10
07/09/20		11.4	10
08/10/20		NS	10
09/16/20		NS	10
10/19/20		NS	10
01/07/21		24	10
07/09/21		23	10

Selenium (IntraWil C-11)

01/05/22	17	10
07/08/22	34	10

1) Rank the N = 37 observations from the smallest to the largest from background wells and compliance well CWC-11.

$$\begin{aligned}
 n &= 21 \\
 m &= 16 \\
 N &= 37 \\
 C_i (\text{CWC-11}) &= 479.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 248$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 168$$

Adjustment for tie values:

$$SD(W) = 25.499$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = 3.118$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = 3.118$$

$$Z_{0.01} = 2.326$$

Since Z is greater, there is significant evidence of contamination at the compliance well at the 1 percent significance level.

Eagle Point MSW Landfill
 Forsyth County, Georgia
 B.L.E. Project Number J22-1472-178

Compound: Total Vanadium
 GA MCL (µg/l): Not Established
 Method: Non-Parametric Prediction Limits
 Background: GWA-1, GWA-2

Date	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL	
03/02/02	ND	20	40	20	ND	40	ND	ND	ND	110	130	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
04/15/02	ND	ND	30	20	ND	40	ND	ND	ND	80	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
05/28/02	ND	30	ND	20	ND	60	ND	ND	ND	60	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/02	ND	ND	30	30	ND	30	30	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
02/28/03	30	70	30	70	ND	20	20	ND	ND	30	ND	20	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/23/03	ND	40	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/06/04	ND	30	ND	ND	ND	ND	30	20	ND	20	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/04	ND	ND	ND	ND	ND	ND	ND	20	ND	20	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	NP	NP	NP	NP	24.2	ND	Dry	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	20
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	NP	NP	NP	NP	ND	ND	Dry	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	20
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	24.9	ND	NP	NP	NP	NP	ND	44.2	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	20
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	20.8	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	ND	ND	ND	ND	ND	ND	ND	20
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	ND	ND	ND	ND	ND	ND	ND	20
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	ND	ND	ND	ND	ND	ND	ND	20
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	20
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	ND	ND	ND	ND	ND	ND	ND	20
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	20
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	20
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	20
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	ND	ND	NS	NS	NS	NS	NS	20
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	ND	ND	NS	NS	NS	NS	NS	20
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	ND	ND	NS	NS	NS	NS	NS	20
01/07/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	20
07/09/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	20
01/05/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	20
07/08/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	20

- 1) If not detected (ND), use half of the detection limit.
- 2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 44.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL= 70.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'n' = 2.

n = 88
 PL = 70
 m = 3
 false positive rate (α) = 0.03

	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/11	GWC-11	GWC-12/13	GWC-13/14	GWC-14R	GWC-15	GWC-16
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Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178

Component: Total Zinc
 GA MCL (µg/l): Not Established
 Method: Kruskal-Wallis
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10B	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL				
05/02/02	40	40	120	70	60	80	50	30	200	260	100	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20				
04/15/02	80	40	80	70	50	110	30	40	40	160	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20				
05/28/02	40	50	80	70	50	100	40	30	40	110	40	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20				
07/08/02	ND	ND	70	50	40	50	30	20	20	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20				
02/28/03	150	70	90	150	110	90	50	120	80	190	70	110	80	180	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20				
07/23/03	50	60	70	60	40	50	40	30	70	40	60	40	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20				
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20			
07/08/04	ND	ND	ND	20	ND	ND	ND	ND	20	30	ND	30	40	20	30	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20			
01/13/05	ND	ND	50	ND	ND	ND	ND	ND	30	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20			
07/22/05	ND	ND	ND	ND	ND	40	40	ND	ND	50	30	100	30	ND	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20			
01/18/06	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20			
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20			
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20			
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
01/03/08	ND	ND	ND	ND	ND	320	ND	ND	ND	20	ND	ND	ND	Dry	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
07/02/08	ND	ND	30	ND	ND	20	ND	ND	ND	20	ND	ND	ND	Dry	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
01/05/09	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
07/06/09	21	ND	ND	ND	41	32	ND	ND	ND	37	ND	28	ND	ND	26	Dry	NP	160	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
01/06/10	28	ND	ND	ND	22	42	ND	15	ND	ND	ND	ND	ND	ND	28	Dry	NP	25	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
07/08/10	ND	ND	ND	ND	27	20	ND	ND	ND	66	38	ND	47	40	ND	NP	NP	ND	ND	120	ND	27	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
01/07/11	ND	ND	ND	ND	22.6	ND	ND	ND	ND	26.2	Dry	Dry	27.4	ND	NP	NP	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
07/07/11	ND	ND	ND	ND	23.3	ND	ND	ND	ND	42.4	Dry	44	24.3	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	23.5	ND	NP	NP	27.8	ND	Dry	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
07/06/12	ND	ND	ND	ND	ND	21.5	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	NP	24.4	ND	Dry	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	86.1	ND	NP	NP	42.2	ND	Dry	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
07/03/13	ND	ND	ND	ND	ND	ND	38.1	ND	ND	21.7	ND	34.5	ND	ND	NP	NP	ND	ND	ND	ND	ND	25.4	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.1	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/23/14	ND	ND	31	ND	ND	ND	ND	ND	ND	27.4	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	62	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	91.1	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	121	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	173	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	186	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/17	ND	ND	ND	ND	20.2	ND	ND	ND	ND	20.8	130	ND	29	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/04/18	ND	ND	ND	ND	ND	32	ND	ND	ND	155	ND	ND	41.6	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	216	ND	46	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	ND	46	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	59	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/06/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	ND	82	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/09/20	ND	ND	ND	22.6	ND	ND	ND	ND	ND	106	ND	86.6	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/07/21	ND	ND	ND	250	ND	ND	ND	ND	ND	130	ND	110	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/09/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	97	ND	100	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	68	ND	97	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	ND	74	20	ND	NP																						

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Zinc
GA MCL (µg/l): Not Established
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GW C-9	MDL
2/28/03	110	20
7/23/03	60	20
1/6/04	ND	20
7/8/04	ND	20
1/13/05	ND	20
7/22/05	30	20
1/18/06	ND	20
7/6/06	ND	20
1/4/07	ND	20
7/11/07	ND	20
1/3/08	Dry	20
7/2/08	20	20
1/5/09	ND	20
7/6/09	28	20
1/6/10	ND	20
7/8/10	38	20
1/7/11	26.2	20
7/7/11	42.4	20
1/5/12	Dry	20
7/6/12	Dry	20
1/9/13	Dry	20
7/3/13	21.7	20
2/5/14	23.1	20
7/23/14	27.4	20
1/28/15	62	20
7/8/15	91.1	20
1/29/16	121	20
7/27/16	173	20
1/5/17	186	20
7/6/17	136	20
1/4/18	155	20
7/25/18	220	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	200	20
2/20/19	NS	20
7/18/19	140	20
1/8/20	130	20
7/9/20	106	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	130	20
7/9/21	97	20
1/5/22	68	20
7/8/22	36	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 71.3305556 \\
 SD &= 64.0073515 \\
 N &= 36 \\
 1/N \sum (X_i - X_{\text{bar}})^3 &= 192313.472 \\
 \gamma_1 &= 0.7650183
 \end{aligned}$$

Since the Coefficient of Skewness of 0.77 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 X_{\text{bar}} &= 3.76681224 \\
 SD &= 1.09237111 \\
 N &= 36
 \end{aligned}$$

$$1/N \sum_i (X_i - \bar{X})^3 = -0.1212252$$

$$\gamma_1 = 0.0970139$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

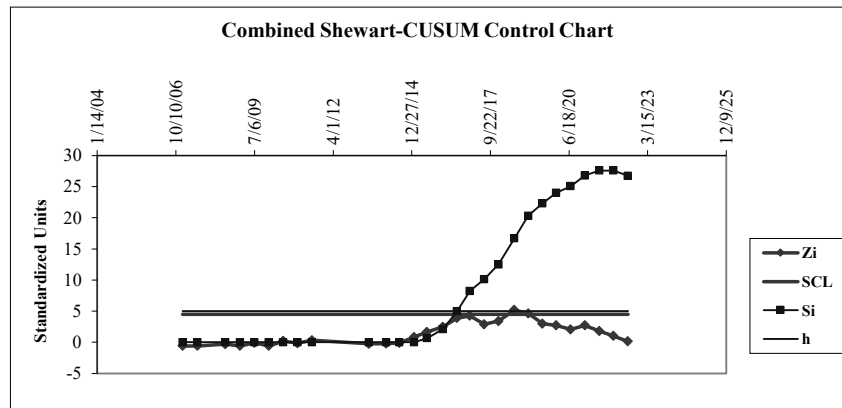
Compute the mean and standard deviation of the historical data:

- 31.25 = x_{mean} (Mean of N1-N8 historical data)
- 36.4250699 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
1/4/07	10	-0.58338941	0	5	4.5
7/11/07	10	-0.58338941	0	5	4.5
7/2/08	20	-0.30885322	0	5	4.5
1/5/09	10	-0.58338941	0	5	4.5
7/6/09	28	-0.08922426	0	5	4.5
1/6/10	10	-0.58338941	0	5	4.5
7/8/10	38	0.18531193	0	5	4.5
1/7/11	26.2	-0.13864078	0	5	4.5
7/7/11	42.4	0.30610785	0	5	4.5
7/3/13	21.7	-0.26218206	0	5	4.5
2/5/14	23.1	-0.223747	0	5	4.5
7/23/14	27.4	-0.10569643	0	5	4.5
1/28/15	62	0.84419879	0	5	4.5
7/8/15	91.1	1.64309911	0.64309911	5	4.5
1/29/16	121	2.46396233	2.10706144	5	4.5
7/27/16	173	3.89155053	4.99861198	5	4.5
1/5/17	186	4.24844758	8.24705956	5	4.5
7/6/17	136	2.87576662	10.1228262	5	4.5
1/4/18	155	3.39738539	12.5202116	5	4.5
7/25/18	220	5.18187064	16.7020822	5	4.5
1/17/19	200	4.63279825	20.3348805	5	4.5
7/18/19	140	2.9855811	22.3204616	5	4.5
1/8/20	130	2.7110449	24.0315065	5	4.5
7/9/20	106	2.05215804	25.0836645	5	4.5
1/7/21	130	2.7110449	26.7947094	5	4.5
7/9/21	97	1.80507547	27.5997849	5	4.5
1/5/22	68	1.00892051	27.6087054	5	4.5
7/8/22	36	0.13040469	26.7391101	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h . One, or both, of the control limits was exceeded. Therefore, there is statistically significant evidence of contamination in this well at the concentrations indicated above.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Zinc
GA MCL (µg/l): Not Established
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GW-C-11	MDL
2/28/03	180	20
7/23/03	50	20
1/6/04	ND	20
7/8/04	40	20
1/13/05	ND	20
7/22/05	30	20
1/18/06	ND	20
7/6/06	ND	20
1/4/07	ND	20
7/11/07	ND	20
1/3/08	ND	20
7/2/08	ND	20
1/5/09	Dry	20
7/6/09	ND	20
1/6/10	28	20
7/8/10	47	20
1/7/11	Dry	20
7/7/11	44	20
1/5/12	ND	20
7/6/12	Dry	20
1/9/13	86.1	20
7/3/13	34.5	20
2/5/14	ND	20
7/23/14	ND	20
1/28/15	ND	20
7/8/15	ND	20
1/29/16	ND	20
7/27/16	ND	20
1/5/17	ND	20
7/6/17	29	20
1/4/18	41.6	20
7/25/18	46	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	46	20
2/20/19	NS	20
7/18/19	59	20
1/8/20	82	20
7/9/20	86.6	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	110	20
7/9/21	100	20
1/5/22	97	20
7/8/22	74	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 40.0216216 \\
 SD &= 39.0375755 \\
 N &= 37 \\
 1/N \sum (X_i - X_{\text{bar}})^3 &= 90342.4327 \\
 \gamma_1 &= 1.58231194
 \end{aligned}$$

Since the Coefficient of Skewness of 1.58 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned}
 X_{\text{bar}} &= 3.24823448 \\
 SD &= 0.95867938 \\
 N &= 37
 \end{aligned}$$

$$1/N \sum_i (X_i - \bar{X})^3 = 0.24333672$$

$$\gamma_1 = 0.28776391$$

Since the Coefficient of Skewness of 0.29 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

Part 2: Shewhart-CUSUM Control Chart

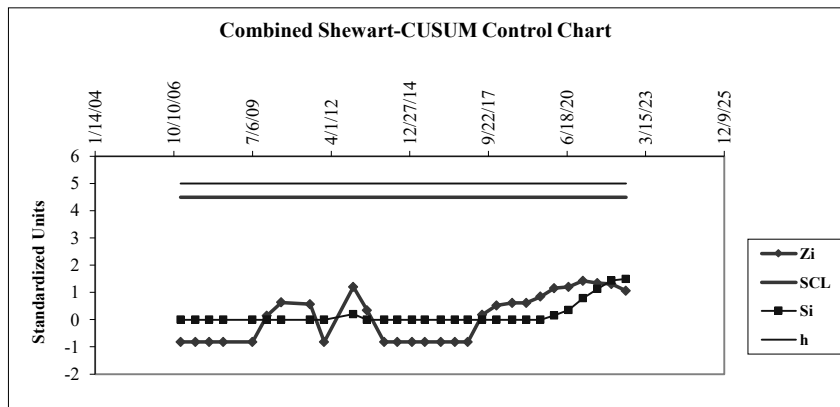
Compute the mean and standard deviation of the historical data:

- 3.17567463 = \bar{x}_{mean} (Mean of N1-N8 historical data)
- 1.06737445 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
1/4/07	2.30258509	-0.81797867	0	5	4.5
7/11/07	2.30258509	-0.81797867	0	5	4.5
1/3/08	2.30258509	-0.81797867	0	5	4.5
7/2/08	2.30258509	-0.81797867	0	5	4.5
7/6/09	2.30258509	-0.81797867	0	5	4.5
1/6/10	3.33220451	0.14664945	0	5	4.5
7/8/10	3.8501476	0.63189911	0	5	4.5
7/7/11	3.78418963	0.57010452	0	5	4.5
1/5/12	2.30258509	-0.81797867	0	5	4.5
1/9/13	4.45550941	1.19904948	0.19904948	5	4.5
7/3/13	3.54095932	0.34222731	0	5	4.5
2/5/14	2.30258509	-0.81797867	0	5	4.5
7/23/14	2.30258509	-0.81797867	0	5	4.5
1/28/15	2.30258509	-0.81797867	0	5	4.5
7/8/15	2.30258509	-0.81797867	0	5	4.5
1/29/16	2.30258509	-0.81797867	0	5	4.5
7/27/16	2.30258509	-0.81797867	0	5	4.5
1/5/17	2.30258509	-0.81797867	0	5	4.5
7/6/17	3.36729583	0.17952575	0	5	4.5
1/4/18	3.72810017	0.51755551	0	5	4.5
7/25/18	3.8286414	0.61175041	0	5	4.5
1/17/19	3.8286414	0.61175041	0	5	4.5
7/18/19	4.07753744	0.84493573	0	5	4.5
1/8/20	4.40671925	1.15333903	0.15333903	5	4.5
7/9/20	4.46129982	1.20447438	0.35781341	5	4.5
1/7/21	4.70048037	1.42855746	0.78637087	5	4.5
7/9/21	4.60517019	1.33926341	1.12563428	5	4.5
1/5/22	4.57471098	1.31072684	1.43636112	5	4.5
7/8/22	4.30406509	1.05716458	1.4935257	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h . The limits were not exceeded and do not indicate statistically significant evidence of contamination at the site.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Total Zinc
GA MCL (µg/l): Not Established
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-29	MDL
10/8/18	ND	20
11/20/18	55	20
1/17/19	ND	20
2/20/19	57.3	20
7/18/19	23	20
1/8/20	ND	20
7/9/20	23.7	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	23	20
7/9/21	41	20
1/5/22	30	20
7/8/22	110	20

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 35.7272727 \\
 SD &= 29.7794591 \\
 N &= 11 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 33629.8838 \\
 \gamma_1 &= 1.4691427
 \end{aligned}$$

Since the Coefficient of Skewness of 1.47 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned}
 X_{\text{bar}} &= 3.29228203 \\
 SD &= 0.791137 \\
 N &= 11 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.0680272 \\
 \gamma_1 &= 0.15849534
 \end{aligned}$$

Since the Coefficient of Skewness of 0.16 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

Part 2: Shewhart-CUSUM Control Chart

Date	GWC-29	MDL	Data for Testing
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10/8/18	ND	20	2.30258509
11/20/18	55	20	4.00733319
1/17/19	ND	20	2.30258509
2/20/19	57.3	20	4.04830062
7/18/19	23	20	3.13549422
1/8/20	ND	20	2.30258509
7/9/20	23.7	20	3.16547505
8/10/20	NS	20	-
9/16/20	NS	20	-
10/19/20	NS	20	-
1/7/21	23	20	3.13549422
7/9/21	41	20	3.71357207
1/5/22	30	20	3.40119738
7/8/22	110	20	4.70048037

Compute the mean and standard deviation of the historical data:

$$3.04998157 = x_{\text{mean}} \text{ (Mean of N1-N8 historical data)}$$

$$0.71882157 = s \text{ (Standard Deviation of N1-N8 historical data)}$$

$$1 = k \text{ (constant, reference value)}$$

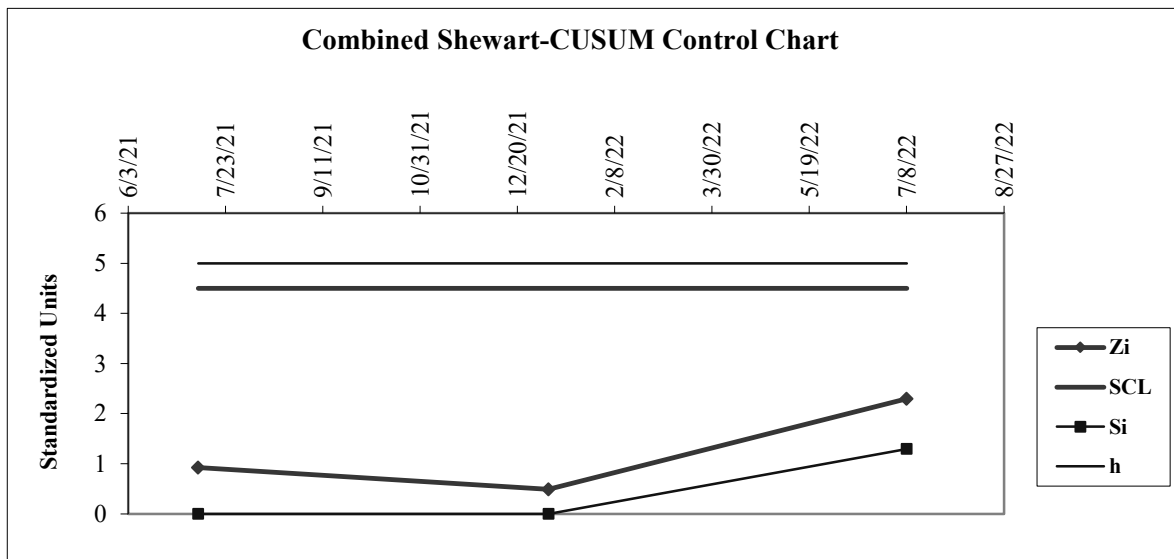
$$5 = h \text{ (constant, upper control limit for the CUSUM scheme)}$$

$$4.5 = \text{SCL (Constant, upper Shewhart Control Limit)}$$

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
7/9/21	3.71357207	0.92316442	0	5	4.5
1/5/22	3.40119738	0.48859944	0	5	4.5
7/8/22	4.70048037	2.29611753	1.29611753	5	4.5

Plot Z_i and S_i versus time:



Compare the Z_i and S_i values to their respective control limits of SCL and h.

The limits were not exceeded and do not indicate statistically significant evidence of contamination at the site.

Eagle Point MSW Landfill
Forsyth County, Georgia
B.L.E. Project Number J22-1472-178

Compound: Benzene
GA MCL (µg/l): 5
Method: Non-Parametric Prediction Limits
Background: GWA-1, GWA-2

Date	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL		
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	3.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
01/07/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/09/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2	3.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2

- If not detected (ND), use half of the detection limit.
- Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 44.
- Set the Prediction Limit equal to the maximum concentration from the background well(s) $PL = 1$.
- Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'nr' = 2.

n = 88
PL = 1
m = 3
false positive rate (α) = 0.03

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**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Benzene
MCL (µg/l): 5
Method: Wilcoxon Rank Sum (intrawell)

	GWC-11 (BG)	CWC-11	MDL
02/28/03	ND		2
07/23/03	ND		2
01/06/04	ND		2
07/08/04	ND		2
01/13/05	ND		2
07/22/05	ND		2
01/18/06	ND		2
07/06/06	ND		2
01/04/07	ND		2
07/11/07	ND		2
01/03/08	ND		2
07/02/08	ND		2
01/05/09	Dry		2
07/06/09	ND		2
01/06/10	ND		2
07/08/10	ND		2
01/07/11	Dry		2
07/07/11	ND		2
01/05/12		ND	2
07/06/12		ND	2
01/09/13		ND	2
07/03/13		ND	2
02/05/14		ND	2
07/23/14		ND	2
01/28/15		ND	2
07/08/15		ND	2
01/29/16		ND	2
07/27/16		ND	2
01/05/17		ND	2
07/06/17		ND	2
01/04/18		ND	2
07/25/18		ND	2
10/02/18		NS	2
10/08/18		NS	2
11/20/18		NS	2
01/17/19		ND	2
02/20/19		NS	2
07/18/19		ND	2
01/08/20		2.6	2
07/09/20		2.6	2
08/10/20		NS	2
09/16/20		NS	2
10/19/20		NS	2
01/07/21		ND	2
07/09/21		2.8	2

Benzene (IntraWil C-11)

01/05/22	2.8	2
07/08/22	3.2	2

1) Rank the N = 38 observations from the smallest to the largest from background wells and compliance well CWC-11.

$$\begin{aligned}
 n &= 22 \\
 m &= 16 \\
 N &= 38 \\
 C_i (\text{CWC-11}) &= 469.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 216$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 176$$

Adjustment for tie values:

$$SD(W) = 19.867$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = 1.988$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = 1.988$$

$$Z_{0.01} = 2.326$$

Since Z is smaller, there is not significant evidence of contamination at the compliance well at the 1 percent significance level.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Benzene
MCL (µg/l): 5
Method: Wilcoxon Rank Sum (intrawell)

	GWC-12R (BG)	CWC-12R	MDL
02/28/03	NP		2
07/23/03	NP		2
01/06/04	NP		2
07/08/04	ND		2
01/13/05	ND		2
07/22/05	ND		2
01/18/06	ND		2
07/06/06	ND		2
01/04/07	ND		2
07/11/07	NS		2
01/03/08	Dry		2
07/02/08	Dry		2
01/05/09	Dry		2
07/06/09	ND		2
01/06/10	ND		2
07/08/10	ND		2
01/07/11	ND		2
07/07/11	ND		2
01/05/12	ND		2
07/06/12	ND		2
01/09/13	ND		2
07/03/13	ND		2
02/05/14	ND		2
07/23/14		ND	2
01/28/15		ND	2
07/08/15		ND	2
01/29/16		ND	2
07/27/16		2.1	2
01/05/17		2.3	2
07/06/17		ND	2
01/04/18		2.3	2
07/25/18		2.9	2
10/02/18		NS	2
10/08/18		NS	2
11/20/18		NS	2
01/17/19		2.1	2
02/20/19		NS	2
07/18/19		2.8	2
01/08/20		2.7	2
07/09/20		3.2	2
08/10/20		NS	2
09/16/20		NS	2
10/19/20		NS	2
01/07/21		2.7	2

07/09/21	2.6	2
01/05/22	2.1	2
07/08/22	3.3	2

1) Rank the N = 33 observations from the smallest to the largest from background wells and compliance well CWC-12R.

$$\begin{aligned}
 n &= 17 \\
 m &= 16 \\
 N &= 33 \\
 C_i \text{ (CWC-12R)} &= 385.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 232$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 136$$

Adjustment for tie values:

$$SD(W) = 23.907$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = 3.995$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = 3.995$$

$$Z_{0.01} = 2.326$$

Since Z is greater, there is significant evidence of contamination at the compliance well at the 1 percent significance level.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178**

Compound: Benzene
MCL (µg/l): 5
Method: Wilcoxon Rank Sum
Background: MCL/AGWPS

	MCL/AGWPS	GWC-12/12R	MDL
02/28/03	-	NP	2
07/23/03	-	NP	2
01/06/04	-	NP	2
07/08/04	5	ND	2
01/13/05	5	ND	2
07/22/05	5	ND	2
01/18/06	5	ND	2
07/06/06	5	ND	2
01/04/07	5	ND	2
07/11/07	-	NS	2
01/03/08	-	Dry	2
07/02/08	-	Dry	2
01/05/09	-	Dry	2
07/06/09	5	ND	2
01/06/10	5	ND	2
07/08/10	5	ND	2
01/07/11	5	ND	2
07/07/11	5	ND	2
01/05/12	5	ND	2
07/06/12	5	ND	2
01/09/13	5	ND	2
07/03/13	5	ND	2
02/05/14	5	ND	2
07/23/14	5	ND	2
01/28/15	5	ND	2
07/08/15	5	ND	2
01/29/16	5	ND	2
07/27/16	5	2.1	2
01/05/17	5	2.3	2
07/06/17	5	ND	2
01/04/18	5	2.3	2
07/25/18	5	2.9	2
10/02/18	-	NS	2
10/08/18	-	NS	2
11/20/18	-	NS	2
01/17/19	5	2.1	2
02/20/19	-	NS	2
07/18/19	5	2.8	2
01/08/20	5	2.7	2
07/09/20	5	3.2	2
08/10/20	-	NS	2
09/16/20	-	NS	2
10/19/20	-	NS	2
01/07/21	5	2.7	2
07/09/21	5	2.6	2

Benzene (Wil BG) C-12R

01/05/22	5	2.1	2
07/08/22	5	3.3	2

1) Rank the N = 66 observations from the smallest to the largest from background wells and compliance well GWC-12/12R.

$$\begin{aligned}
 n &= 33 \\
 m &= 33 \\
 N &= 66 \\
 C_i \text{ (GWC-12/12R)} &= 561.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 0$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 544.5$$

Adjustment for tie values:

$$SD(W) = 71.586$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = -7.613$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = -7.613$$

$$Z_{0.01} = 2.326$$

Since Z is smaller, there is not significant evidence of contamination at the compliance well at the 1 percent significance level.

Eagle Point MSW Landfill
 Forsyth County, Georgia
 B.L.E. Project Number J22-1472-178

Compound: Cis 1,2-Dichloroethene
 GA MCL (µg/l): 70
 Method: Non-Parametric Prediction Limits
 Background: GWA-1, GWA-2

Date	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL		
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
01/07/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/09/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2

- 1) If not detected (ND), use half of the detection limit.
- 2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 44.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PLⁿ⁻¹.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'n' = 2.

n = 88
 PL = 1
 m = 3
 false positive rate (α) = 0.03

Eagle Point MSW Landfill
 Forsyth County, Georgia
 B.L.E. Project Number J22-1472-178

Compound: Xylenes
 GA MCL (µg/l): 5
 Method: Non-Parametric Prediction Limits
 Background: GWA-1, GWA-2

Date	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL		
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5
01/07/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/09/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/05/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/08/22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5

- 1) If not detected (ND), use half of the detection limit.
- 2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 44.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL= 2.5.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'n' = 2.

n = 88
 PL = 2.5
 m = 3