

SEMI-ANNUAL WATER QUALITY MONITORING REPORT

FIRST EVENT OF 2022 (N43)

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

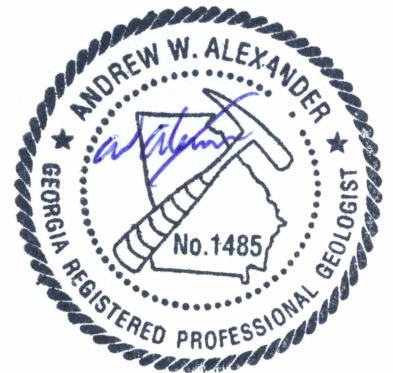


Prepared For:

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

BLE Project Number J22-1472-178

June 6, 2022



BLE

**BUNNELL
LAMMONS
ENGINEERING**

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June 6, 2022

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

Attention: Mr. Scott Mann

Subject: **Semi-Annual Water Quality Report
First Event of 2022 (N43)
Eagle Point MSW Landfill
Forsyth County, Georgia
Solid Waste Permit Number 058-012D (MSWL)
BLE Project Number J22-1472-178**

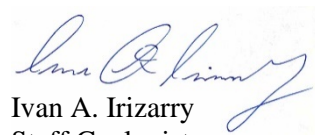
Mr. Mann:

As authorized, Bunnell-Lammons Engineering, Inc. (BLE) has performed the statistical analysis of groundwater quality data obtained during sampling event N43 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.



Ivan A. Irizarry
Staff Geologist



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

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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. To date, C&D Cell Nos. 3A, 3B, and 4, and MSW Cell Nos. 1A, 1B, 2A, 2B, and 5 through 16B have been constructed. The resulting monitoring systems are summarized on 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 first semi-annual sampling event in 2022. Additionally, this is the:

- N10 sampling event for wells GWC-24, GWC-25, and GWC-26 (installed in May 2018 for Cell No. 15).
- N10 sampling event for wells GWC-27, GWC-28, and GWC-29 (installed in September 2018 for the Leachate Pond).
- N7 sampling event for wells GWC-22 and GWC-23 (installed in July 2020 for Cell No. 16B).

A total of 43 semi-annual sampling events have been performed between March 2002 and March 2022.

2.0 FIELD ACTIVITIES, SAMPLING, AND ANALYSIS

Semi-annual groundwater, underdrain, and surface water sampling for event N43 was performed on January 4 - 6, 2022. The semi-annual 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 GEPD-approved Design and Operation Plan. 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 GEPD *Appendix I* list of compounds consisting of total metals and volatile organic compounds (VOCs) and in the field by EMS for pH, specific conductance, temperature, and turbidity. The sampling results are shown on 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 on the summary table in **Appendix C**.

Surface water samples were collected from 6 of the 9 surface water locations that are sampled semi-annually. Surface water samples SWC-4, SWC-11, and SWC-13 were dry at the time of sampling and no samples were collected. Surface water sample SWC-1, SWC-2, SWC-10, and SWC-12 were analyzed in the laboratory for the GEPD *Appendix I* list of compounds (total metals and VOCs), and field parameters. Surface water locations SWA-1 and SWC-9 were analyzed for dissolved metals, chloride, chemical oxygen demand (COD), total organic carbon (TOC), total cyanide, total mercury, total selenium, and field parameters.

3.0 GROUNDWATER FLOW

Water level data collected on January 4, 2022 are presented in **Table 1** and estimated groundwater flow velocities are summarized on **Table 2**. A water table surface elevation contour map is presented as **Figure 2** along with generalized groundwater flow directions in the uppermost aquifer. Generally, groundwater flow is to the south and east across the site.

4.0 SUMMARY OF LABORATORY RESULTS

4.1 Groundwater Results

Concentrations of total barium (18 wells), total cobalt (6 wells), total nickel (1 well), total selenium (1 well), total zinc (3 wells), benzene (2 wells), and xylenes (1 well) were detected in the groundwater samples during event N43. None of the detected concentrations were above 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 (3 underdrains), and total cobalt (4 underdrains) were detected in the water samples collected from the underdrain locations during the N43 semi-annual sampling event. The concentrations of total arsenic were above the Georgia primary MCL at locations SWC-5, SWC-6, and SWC-7; the other detected concentrations were below 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 lead, and total zinc were detected in the surface water locations sampled during event N43. None of the parameters detected exceeded their established in-stream water quality standard (ISWQS) ². 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 GEPD 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;
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

¹ Georgia's groundwater MCLs are based on primary drinking water standards as set forth in GEPD'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).

- 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 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 have been detected during the current sampling event. Statistical results summarized on **Table 3** and included in **Appendix E** indicate that:

- The interwell and intrawell statistical tests did not calculate SSIs for total arsenic, total beryllium, total cadmium, total chromium, total copper, total lead, total nickel, total vanadium, carbon disulfide, chloroform, cis 1,2-dichloroethene, and xylenes.
- The interwell and intrawell statistical tests did calculate SSIs for total barium (GWC-6, GWC-8, GWC-9, GWC-11, and GWC-16), total cobalt (GWC-9, GWC-11, and GWC-12R), total selenium (GWC-11), total zinc (GWC-9), and benzene (GWC-12R).
- The concentration of benzene in GWC-12R is statistically below the MCL of 5.0 µg/l.
- 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 CONCLUSIONS

During the January 2022 semi-annual sampling event (N43), laboratory concentrations of various inorganic constituents and field parameters were detected in the groundwater, underdrain, and surface water samples. Two VOCs, benzene (GWC-11 and GWC-12R) and xylenes (GWC-9) were detected in the wells; however, the concentrations did not exceed the Georgia MCL. The only constituent detected exceeding a Georgia MCL was total arsenic at underdrain locations SWC-5, SWC-6, and SWC-7.

Total metal SSIs included total barium (GWC-6, GWC-8, GWC-9, GWC-11, 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 the concentrations of the 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 GEPD required an alternative source demonstration (ASD) for the past detections of total cobalt; consequently, BLE prepared an ASD report³, which was approved by the GEPD 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

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.

occurring metals in background native soil samples, (i.e., a natural alternative source as related to detections in groundwater).

The only VOC SSI was benzene in well GWC-11 and GWC-12R, which was detected during the current sampling event below the Georgia MCL of 5.0 µg/l. Additionally, the concentration 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. Monitoring well GWC-11 should be added to the *Appendix II* subset of wells starting with the July 2022 sampling event due to the second consecutive detection of benzene in the well.

As a result of the total arsenic detections above the Georgia MCL at underdrain locations SWC-5, SWC-6 and SWC-7, the GEPD issued a letter to ADS dated September 28, 2017 stating that an ASD should be prepared for these 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. This ASD was reviewed and approved by the GEPD 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 GEPD 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 regards to statistical significance, with the exception of total arsenic in underdrain locations SWC-5, SWC-6, and SWC-7. 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) (GEPD Rule 391-3-4-.14(29)) because the benzene concentrations are statistically significant, but statistically below the groundwater protection standard, in well GWC-12R.

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**

January 4, 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.

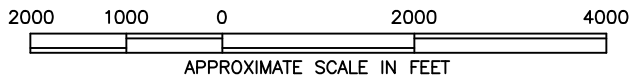
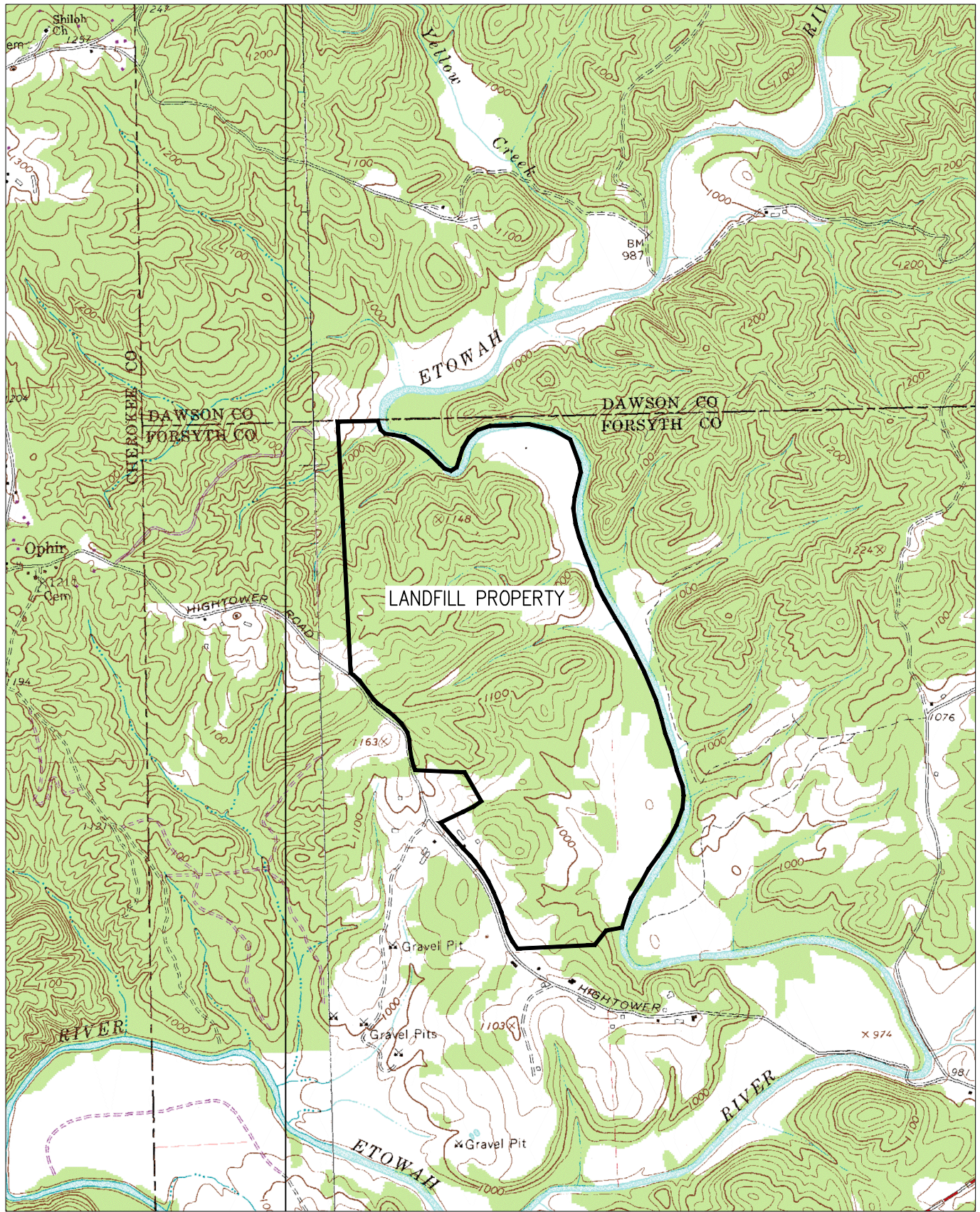
TABLE 3
SUMMARY OF STATISTICAL ANALYSIS RESULTS
Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178

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	Is current SSI concentration statistically above GWPS?	Monitoring Status
Total Arsenic	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Barium	39%	Kruskal-Wallis	Fail	Shewhart-CUSUM, Wilcoxon, or Kendell-Mann	Fail	Yes (GWC-6, GWC-8, GWC-9, GWC-11, and GWC-16)	-	Yes⁶	NA⁶	Detection
Total Beryllium	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Cadmium	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Chromium	95%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Cobalt	95%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-9, GWC-11, and GWC-12R)	-	Yes⁶	NA⁶	Detection
Total Copper	98%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Lead	99%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Nickel	98%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Pass	No	-	-	-	Detection
Total Selenium	98%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-11)	-	Yes⁶	NA⁶	Detection
Total Vanadium	96%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Zinc	80%	Kruskal-Wallis	Fail	Shewhart-CUSUM, Wilcoxon, or Kendell-Mann	Fail	Yes (GWC-9)	-	Yes⁶	NA⁶	Detection
Benzene	98%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-12R)	Yes (GWC-11)	No	No	Assessment
Carbon Disulfide	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Chloroform	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Cis 1,2-dichloroethene	99%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Xylenes	100%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Pass	No	-	-	-	Detection

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, 1993.

DRAWN:	KLW	DATE:	6-6-22
CHECKED:	RLB	CAD:	EAGPNTLF178-SLM
APPROVED:	AWA	JOB NO:	J22-1472-178

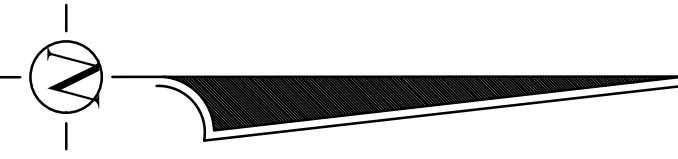
BLE | **BUNNELL
LAMMONS
ENGINEERING**

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

SITE LOCATION MAP
EAGLE POINT MSW LANDFILL
FORSYTH COUNTY, GEORGIA

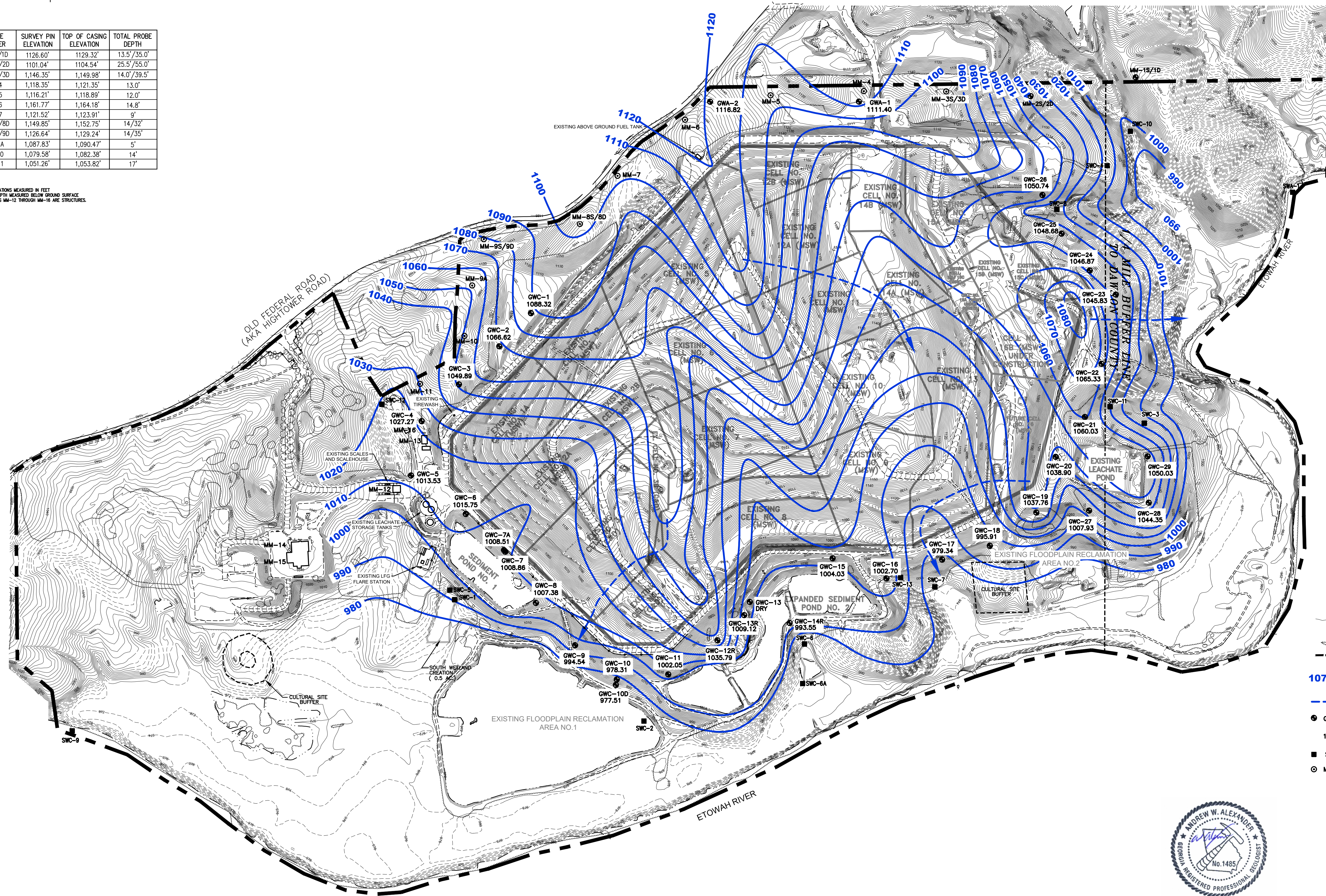
FIGURE

1



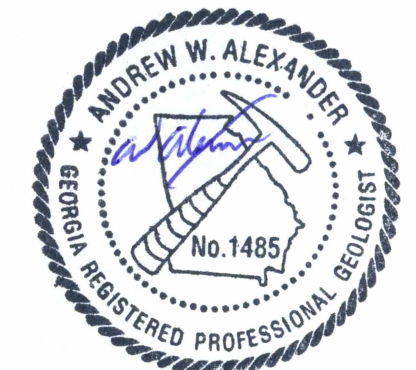
PROBE NUMBER	SURVEY PIN ELEVATION	TOP OF CASING ELEVATION	TOTAL PROBE DEPTH
MM-15/1D	1126.60'	1129.32'	13.5'/35.0'
MM-25/2D	1101.04'	1104.54'	25.5'/55.0'
MM-35/3D	1,146.35'	1,149.98'	14.0'/39.5'
MM-4	1,118.35'	1,121.35'	13.0'
MM-5	1,116.21'	1,118.89'	12.0'
MM-6	1,161.77'	1,164.18'	14.8'
MM-7	1,121.52'	1,123.91'	9'
MM-85/8D	1,149.85'	1,152.75'	14.32'
MM-95/9D	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

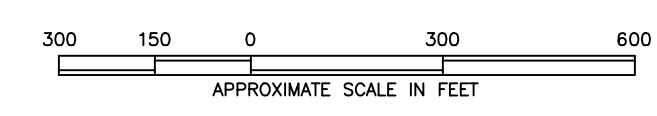


LEGEND

- 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
- 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.



No.	REVISIONS DESCRIPTION	BY

DRAWN: IAI	DATE: 6-6-22
CHECKED: RLB	CAD FILE: EAGPNTL178-POT010422
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

WATER TABLE ELEVATION CONTOUR MAP - JANUARY 4, 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

January 10, 2022

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

RE: Eagle Point Landfill Semi-Annual Sampling Event

Scott,

On January 4th – 6th, we completed the semi-annual groundwater and surface water monitoring at the referenced site. The points sampled and their respective analyses are:

GWA-1, 2, GWC-1, 2, 3, 4, 5, 6, 7, 7A, 8, 9, 10D, 11, 12R, 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
GWC-10, 13	Water Level Only
SWC-1, 2, 5, 6, 7, 8, 10, 12	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, 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 this event by Atlantic Coast Consulting personnel 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 January 4th 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, 15, 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 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

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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 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 all other wells. 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 sample was collected immediately through the pump-head. 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 delivered under chain of custody via lab courier to the Eurofins Environment Testing Service Center located in Norcross, GA then forwarded to the lab 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 are 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

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-2
 Date 1/5/2022
 DTW¹ 33.60
 DTB² 41.44
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1014 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)
1020	33.81	210	0.33	5.39	20	14.9	18	6.53	58
1024	33.81	210	0.55	5.35	19	14.2	30	6.60	62
1028	33.81	210	0.77	5.38	19	14.5	63	6.51	63
1032	33.81	210	0.99	5.40	18	14.2	39	6.42	63
1036	33.81	210	1.21	5.39	18	14.5	27	6.44	64
1040	33.81	210	1.43	5.39	18	14.0	18	6.62	65
1044	33.81	210	1.65	5.39	18	14.6	10	6.38	64

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 Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-3
 Date 1/4/2022
 DTW¹ 22.95
 DTB² 46.90
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1448 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)
1454	23.11	210	0.33	5.24	20	11.6	2	9.56	155
1458	23.11	210	0.55	5.22	19	11.6	2	7.69	158
1502	23.11	210	0.77	5.21	19	11.6	2	7.28	161
1506	23.11	210	0.99	5.20	18	11.6	1	7.14	163

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 Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-4
 Date 1/5/2022
 DTW¹ 11.98
 DTB² 38.56
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump for Metals, Straw Method/Reverse Flow for VOC's
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1336 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)
1342	13.79	190	0.30	5.02	52	15.3	0	0.71	181
1346	13.79	190	0.50	5.02	49	15.5	0	0.46	185
1350	13.79	190	0.70	5.02	49	15.5	0	0.42	185
1354	13.79	190	0.90	5.02	48	15.5	0	0.39	184

Comments

Clear, no odor

Field Tech: D. Cantu

¹
² Depth to bottom of casing measured from top of casing

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-7A
 Date 1/4/2022
 DTW¹ 27.50
 DTB² 50.80
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1039 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)
1046	28.73	290	0.54	6.33	99	17.9	2	6.79	128
1050	28.73	290	0.85	6.34	99	17.6	2	7.03	129
1054	28.73	290	1.16	6.33	99	18.0	2	7.12	129
1058	28.73	290	1.47	6.33	99	17.7	2	7.06	130

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

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-10D
 Date 1/6/2022
 DTW¹ 15.16
 DTB² 36.30
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump for Metals, Straw Method/Reverse Flow for VOC's
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1001 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)
1009	15.69	200	0.42	5.18	155	16.2	1	0.41	154
1013	15.69	200	0.63	5.19	154	16.2	1	0.32	153
1017	15.69	200	0.84	5.20	153	16.3	1	0.25	152
1021	15.69	200	1.05	5.19	152	16.0	1	0.24	151

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

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-14R
 Date 1/5/2022
 DTW¹ 20.91
 DTB² 34.89
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump for Metals, Straw Method/Reverse Flow for VOC's
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1424 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)
1430	21.05	210	0.33	6.15	83	14.1	6	0.97	88
1434	21.05	210	0.55	6.15	83	14.1	3	1.96	85
1438	21.05	210	0.77	6.18	83	14.6	3	2.23	84
1442	21.05	210	0.99	6.18	84	14.8	2	2.02	83

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

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-16
 Date 1/5/2022
 DTW¹ 17.61
 DTB² 24.62
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump for Metals, Straw Method/Reverse Flow for VOC's
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1451 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)
1457	18.10	240	0.38	5.19	232	16.0	18	1.05	106
1501	18.10	240	0.63	5.17	231	16.1	3	0.38	105
1505	18.10	240	0.88	5.16	232	15.9	3	0.31	104
1509	18.10	240	1.13	5.16	231	16.1	1	0.27	104

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

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-17
 Date 1/4/2022
 DTW¹ 45.15
 DTB² 54.75
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1320 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)
1327	46.16	300	0.55	5.27	80	15.7	77	6.96	152
1331	46.16	300	0.87	5.39	79	15.6	81	6.44	155
1335	46.16	300	1.19	5.36	79	15.5	56	5.23	159
1339	46.16	300	1.51	5.36	79	15.2	24	4.92	162
1343	46.16	300	1.83	5.37	79	15.1	29	4.87	163
1347	46.16	300	2.15	5.39	79	15.4	29	4.88	163
1351	46.16	300	2.47	5.40	79	15.3	28	4.79	163

Comments
Cloudy, slight 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

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-18
 Date 1/4/2022
 DTW¹ 42.24
 DTB² 49.29
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1244 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)
1254	42.59	270	0.71	5.29	33	15.0	6	5.00	168
1258	42.59	270	0.99	5.31	34	14.8	5	5.05	168
1302	42.59	270	1.27	5.34	34	14.9	4	5.09	168
1306	42.59	270	1.55	5.31	34	14.9	4	5.03	169

Comments
Clear, slight 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 Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-19
 Date 1/5/2022
 DTW¹ 47.02
 DTB² 55.18
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 0932 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)
0938	47.21	200	0.32	6.00	100	14.0	5	6.71	82
0942	47.21	200	0.53	5.96	99	13.8	5	6.80	80
0946	47.21	200	0.74	5.93	98	13.3	4	6.63	79
0950	47.21	200	0.95	5.92	98	13.2	3	6.54	79

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

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-22
 Date 1/5/2022
 DTW¹ 70.77
 DTB² 81.06
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1140 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)
1148	70.96	260	0.55	5.51	33	14.1	2	3.65	154
1152	70.96	260	0.82	5.48	33	14.1	1	3.49	158
1156	70.96	260	1.09	5.47	32	13.9	1	3.53	159
1200	70.96	260	1.36	5.47	32	14.0	1	3.48	160

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 Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-23
 Date 1/5/2022
 DTW¹ 81.30
 DTB² 98.15
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1110 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)
1119	82.31	280	0.66	6.16	41	13.7	5	8.30	149
1123	82.31	280	0.96	6.15	40	13.6	3	8.56	147
1127	82.31	280	1.26	6.16	40	13.6	2	8.55	146
1131	82.31	280	1.56	6.16	40	13.6	2	8.54	145

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 Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-25
 Date 1/5/2022
 DTW¹ 29.99
 DTB² 58.58
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1011 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)
1018	31.99	290	0.54	5.29	48	14.4	4	0.44	164
1022	31.99	290	0.85	5.29	47	14.5	5	0.38	163
1026	31.99	290	1.16	5.28	47	14.5	5	0.30	164
1030	31.99	290	1.47	5.27	47	14.4	5	0.30	164

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 Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-27
 Date 1/4/2022
 DTW¹ 46.80
 DTB² 53.75
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1402 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)
1408	47.12	280	0.44	5.57	27	15.5	1	7.60	159
1412	47.12	280	0.74	5.57	27	15.4	1	7.65	160
1416	47.12	280	1.04	5.56	27	15.2	1	7.71	161
1420	47.12	280	1.34	5.55	27	15.4	1	7.74	162

Comments
Clear, slight 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 Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-28
 Date 1/4/2022
 DTW¹ 60.72
 DTB² 71.81
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1430 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)
1439	61.41	280	0.66	6.04	48	14.5	1	6.28	163
1443	61.41	280	0.96	6.05	47	14.6	1	6.61	161
1447	61.41	280	1.26	6.04	47	14.5	1	6.63	161
1451	61.41	280	1.56	6.06	47	14.6	1	6.59	161

Comments
Clear, slight 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 Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-29
 Date 1/4/2022
 DTW¹ 51.70
 DTB² 62.74
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1455 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)
1502	51.71	310	0.57	6.24	73	14.9	5	5.44	161
1506	51.71	310	0.90	5.72	33	14.8	2	7.34	158
1510	51.71	310	1.23	5.51	26	14.7	1	7.97	162
1514	51.71	310	1.56	5.46	26	15.1	1	8.06	163
1518	51.71	310	1.89	5.44	25	15.3	1	8.11	165

Comments
Clear, slight 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	Advanced Disposal Services
Site	Eagle Point Landfill
ID	Field Blank
Date	1/6/2022
Time	1040
Parameters	Appendix I VOCs / Metals

Comments
DI Water from Test America 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

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Field Data Sheet

Client Advanced Disposal Services
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	1/6/2022	0838	6.42	206	9.0	124	Cloudy, slight odor, good flow
SWC-2	1/6/2022	0848	6.73	106	7.5	29	Cloudy, no odor, low flow
SWC-4	1/6/2022	0950	-	-	-	-	Point dry
SWC-5	1/4/2022	1232	5.98	238	18.6	4	Clear, odor, low flow
SWC-6	1/5/2022	1446	5.65	176	22.6	3	Clear, odor, low flow
SWC-7	1/6/2022	0902	5.59	162	21.8	6	Clear, odor, good flow
SWC-8	1/6/2022	0935	5.95	105	10.1	2	Clear, slight odor, good flow
SWC-10	1/6/2022	1000	6.36	55	7.8	16	Clear, slight odor, good flow
SWC-11	1/6/2022	0912	-	-	-	-	Point dry
SWC-12	1/6/2022	1022	6.41	58	10.8	10	Clear, no odor, very low flow
SWC-13	1/6/2022	0858	-	-	-	-	Point dry

Field Tech: N. Walker

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Field Data Sheet

Client Advanced Disposal Services
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	1/6/2022	0918	6.31	35	7.5	14	11.26	Clear, no odor, good flow
SWC-9	1/4/2022	1330	6.64	32	9.5	27	9.20	Clear, no odor, good flow

Field Tech: N. Walker

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Client GFL Environmental
Site Eagle Point Landfill
Date 1/4/2022

Well	DTW ¹	DTB ¹
GWA-1	2.30	28.10
GWA-2	36.10	50.09
GWC-1	18.95	34.90
GWC-2	33.60	41.44
GWC-3	22.95	46.90
GWC-4	11.98	38.56
GWC-5	9.18	23.19
GWC-6	24.59	37.54
GWC-7	26.91	91.33
GWC-7A	27.50	50.80
GWC-8	16.60	36.43
GWC-9	15.16	24.35
GWC-10	27.35	36.55
GWC-10D	15.16	36.30
GWC-11	28.10	41.17
GWC-12R	7.62	29.79
GWC-13	Dry	23.05

Well	DTW ¹	DTB ¹
GWC-13R	26.58	37.94
GWC-14R	20.91	34.89
GWC-15	40.88	46.35
GWC-16	17.61	24.62
GWC-17	45.15	54.75
GWC-18	42.24	49.29
GWC-19	47.02	55.18
GWC-20	96.14	112.41
GWC-21	24.64	29.91
GWC-22	70.77	81.06
GWC-23	81.30	98.15
GWC-24	82.45	90.34
GWC-25	29.99	58.58
GWC-26	25.78	43.66
GWC-27	46.80	53.75
GWC-28	60.72	71.81
GWC-29	51.70	62.74

¹ Measured in feet from Top of Casing


ANALYTICAL REPORT

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

Laboratory Job ID: 680-209845-1
Client Project/Site: Eagle Point Landfill

For:
GFL Environmental
6905 Roosevelt Hwy
Fairburn, Georgia 30213

Attn: Robert Heller



Authorized for release by:
1/17/2022 2:31:55 PM

John Andros, Project Manager I
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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: 680-209845-1

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.
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: 680-209845-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-209845-1	GWA-1	Ground Water	01/06/22 09:19	01/08/22 08:30
680-209845-2	GWA-2	Ground Water	01/05/22 14:13	01/08/22 08:30
680-209845-3	GWC-1	Ground Water	01/04/22 14:26	01/08/22 08:30
680-209845-4	GWC-2	Ground Water	01/05/22 10:44	01/08/22 08:30
680-209845-5	GWC-3	Ground Water	01/04/22 15:06	01/08/22 08:30
680-209845-6	GWC-4	Ground Water	01/05/22 13:54	01/08/22 08:30
680-209845-7	GWC-5	Ground Water	01/05/22 14:20	01/08/22 08:30
680-209845-8	GWC-6	Ground Water	01/04/22 10:49	01/08/22 08:30
680-209845-9	GWC-7	Ground Water	01/04/22 10:35	01/08/22 08:30
680-209845-10	GWC-7A	Ground Water	01/04/22 10:58	01/08/22 08:30
680-209845-11	GWC-8	Ground Water	01/05/22 14:46	01/08/22 08:30
680-209845-12	GWC-9	Ground Water	01/04/22 11:29	01/08/22 08:30
680-209845-13	GWC-10D	Ground Water	01/06/22 10:21	01/08/22 08:30
680-209845-14	GWC-11	Ground Water	01/04/22 11:35	01/08/22 08:30
680-209845-15	GWC-12R	Ground Water	01/04/22 12:09	01/08/22 08:30
680-209845-16	GWC-13R	Ground Water	01/05/22 11:40	01/08/22 08:30
680-209845-17	GWC-14R	Ground Water	01/05/22 14:42	01/08/22 08:30
680-209845-18	GWC-15	Ground Water	01/04/22 12:23	01/08/22 08:30
680-209845-19	GWC-16	Ground Water	01/05/22 15:09	01/08/22 08:30
680-209845-20	GWC-17	Ground Water	01/04/22 13:51	01/08/22 08:30
680-209845-21	GWC-18	Ground Water	01/04/22 13:06	01/08/22 08:30
680-209845-22	GWC-19	Ground Water	01/05/22 09:50	01/08/22 08:30
680-209845-23	GWC-20	Ground Water	01/05/22 13:20	01/08/22 08:30
680-209845-24	GWC-21	Ground Water	01/06/22 09:55	01/08/22 08:30
680-209845-25	GWC-22	Ground Water	01/05/22 12:00	01/08/22 08:30
680-209845-26	GWC-23	Ground Water	01/05/22 11:31	01/08/22 08:30
680-209845-27	GWC-24	Ground Water	01/05/22 11:04	01/08/22 08:30
680-209845-28	GWC-25	Ground Water	01/05/22 10:30	01/08/22 08:30
680-209845-29	GWC-26	Ground Water	01/05/22 09:56	01/08/22 08:30
680-209845-30	GWC-27	Ground Water	01/04/22 14:20	01/08/22 08:30
680-209845-31	GWC-28	Ground Water	01/04/22 14:51	01/08/22 08:30
680-209845-32	GWC-29	Ground Water	01/04/22 15:18	01/08/22 08:30
680-209845-33	Field Blank	Water	01/06/22 10:40	01/08/22 08:30
680-209845-34	SWC-1	Surface Water	01/06/22 08:38	01/08/22 08:30
680-209845-35	SWC-2	Surface Water	01/06/22 08:48	01/08/22 08:30
680-209845-36	SWC-5	Surface Water	01/04/22 12:32	01/08/22 08:30
680-209845-37	SWC-6	Surface Water	01/05/22 14:46	01/08/22 08:30
680-209845-38	SWC-7	Surface Water	01/06/22 09:02	01/08/22 08:30
680-209845-39	SWC-8	Surface Water	01/06/22 09:35	01/08/22 08:30
680-209845-40	SWC-10	Surface Water	01/06/22 10:00	01/08/22 08:30
680-209845-41	SWC-12	Surface Water	01/06/22 10:22	01/08/22 08:30
680-209845-42	SWA-1	Surface Water	01/06/22 09:18	01/08/22 08:30
680-209845-43	SWC-9	Surface Water	01/04/22 13:30	01/08/22 08:30
680-209845-44	Trip Blank	Water	01/04/22 08:00	01/08/22 08:30



Case Narrative

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Job ID: 680-209845-1

Laboratory: Eurofins Savannah

Narrative

Job Narrative 680-209845-1

Comments

No additional comments.

Receipt

The samples were received on 1/8/2022 8:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.4° C, 3.4° C and 4.0° C.

GC/MS VOA

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-702719.

Method 8260D: The laboratory control sample (LCS) for analytical batch 680-702719 recovered outside control limits for the following analyte(s): 1,2-Dibromo-3-Chloropropane. 1,2-Dibromo-3-Chloropropane has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8260D: The laboratory control sample (LCS) for analytical batch 680-702719 recovered outside control limits for the following analytes: Vinyl Chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-702735.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-702856.

Method 8260D: The laboratory control sample (LCS) for analytical batch 680-702848 recovered outside control limits for the following analyte(s): 1,2-Dibromo-3-Chloropropane. 1,2-Dibromo-3-Chloropropane has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-702848.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-703001.

Method 8260D: The following analyte(s) recovered outside control limits for the LCS/LCSD associated with analytical batch 680-703024: cis-1,3-Dichloropropene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-703009.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-703024.

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

HPLC/IC

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

Case Narrative

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Job ID: 680-209845-1 (Continued)

Laboratory: Eurofins Savannah (Continued)

Metals

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

General Chemistry

Methods 335.4, 9012B, SM 4500 CN E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 680-702573 and analytical batch 680-702699 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or 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: 680-209845-1

Client Sample ID: GWA-1

Lab Sample ID: 680-209845-1

No Detections.

Client Sample ID: GWA-2

Lab Sample ID: 680-209845-2

No Detections.

Client Sample ID: GWC-1

Lab Sample ID: 680-209845-3

No Detections.

Client Sample ID: GWC-2

Lab Sample ID: 680-209845-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.021		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-3

Lab Sample ID: 680-209845-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.021		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-4

Lab Sample ID: 680-209845-6

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

Client Sample ID: GWC-5

Lab Sample ID: 680-209845-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.044		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.0095		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-6

Lab Sample ID: 680-209845-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.072		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-7

Lab Sample ID: 680-209845-9

No Detections.

Client Sample ID: GWC-7A

Lab Sample ID: 680-209845-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.035		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-8

Lab Sample ID: 680-209845-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.048		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.027		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-9

Lab Sample ID: 680-209845-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	5.2		5.0		ug/L	1		8260D	Total/NA
Xylenes, Total	5.2		5.0		ug/L	1		8260D	Total/NA
Barium	0.23		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.094		0.0060		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: 680-209845-1

Client Sample ID: GWC-9 (Continued)

Lab Sample ID: 680-209845-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.068		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-10D

Lab Sample ID: 680-209845-13

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

Client Sample ID: GWC-11

Lab Sample ID: 680-209845-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.8		2.0		ug/L	1		8260D	Total/NA
Barium	0.59		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.11		0.0060		mg/L	1		6020A	Total/NA
Selenium	0.017		0.010		mg/L	1		6020A	Total/NA
Zinc	0.097		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-12R

Lab Sample ID: 680-209845-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.1		2.0		ug/L	1		8260D	Total/NA
Barium	0.11		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.11		0.0060		mg/L	1		6020A	Total/NA
Nickel	0.024		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-13R

Lab Sample ID: 680-209845-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.052		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-14R

Lab Sample ID: 680-209845-17

No Detections.

Client Sample ID: GWC-15

Lab Sample ID: 680-209845-18

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

Client Sample ID: GWC-16

Lab Sample ID: 680-209845-19

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: 680-209845-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.046		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: GWC-18

Lab Sample ID: 680-209845-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.028		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: 680-209845-1

Client Sample ID: GWC-19

Lab Sample ID: 680-209845-22

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

Client Sample ID: GWC-20

Lab Sample ID: 680-209845-23

No Detections.

Client Sample ID: GWC-21

Lab Sample ID: 680-209845-24

No Detections.

Client Sample ID: GWC-22

Lab Sample ID: 680-209845-25

No Detections.

Client Sample ID: GWC-23

Lab Sample ID: 680-209845-26

No Detections.

Client Sample ID: GWC-24

Lab Sample ID: 680-209845-27

No Detections.

Client Sample ID: GWC-25

Lab Sample ID: 680-209845-28

No Detections.

Client Sample ID: GWC-26

Lab Sample ID: 680-209845-29

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

Client Sample ID: GWC-27

Lab Sample ID: 680-209845-30

No Detections.

Client Sample ID: GWC-28

Lab Sample ID: 680-209845-31

No Detections.

Client Sample ID: GWC-29

Lab Sample ID: 680-209845-32

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

Client Sample ID: Field Blank

Lab Sample ID: 680-209845-33

No Detections.

Client Sample ID: SWC-1

Lab Sample ID: 680-209845-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.057		0.020		mg/L	1		6020A	Total/NA
Lead	0.019		0.015		mg/L	1		6020A	Total/NA
Zinc	0.030		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: SWC-2

Lab Sample ID: 680-209845-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.032		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: 680-209845-1

Client Sample ID: SWC-5

Lab Sample ID: 680-209845-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.037		0.010		mg/L	1		6020A	Total/NA
Barium	0.049		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: 680-209845-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.064		0.010		mg/L	1		6020A	Total/NA
Barium	0.049		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.0064		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: SWC-7

Lab Sample ID: 680-209845-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.097		0.010		mg/L	1		6020A	Total/NA
Barium	0.029		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.036		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: SWC-8

Lab Sample ID: 680-209845-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.030		0.0060		mg/L	1		6020A	Total/NA

Client Sample ID: SWC-10

Lab Sample ID: 680-209845-40

No Detections.

Client Sample ID: SWC-12

Lab Sample ID: 680-209845-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.039		0.020		mg/L	1		6020A	Total/NA
Zinc	0.022		0.020		mg/L	1		6020A	Total/NA

Client Sample ID: SWA-1

Lab Sample ID: 680-209845-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.5		0.50		mg/L	1		9056A	Total/NA
Total Non-purgeable Organic Carbon	1.2		1.0		mg/L	1		5310 B-2011	Total/NA

Client Sample ID: SWC-9

Lab Sample ID: 680-209845-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.3		0.50		mg/L	1		9056A	Total/NA
Total Non-purgeable Organic Carbon	1.9		1.0		mg/L	1		5310 B-2011	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 680-209845-44

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: 680-209845-1

Client Sample ID: GWA-1

Lab Sample ID: 680-209845-1

Date Collected: 01/06/22 09:19

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 14:39	1
Acrylonitrile	ND		50		ug/L			01/13/22 14:39	1
Benzene	ND		2.0		ug/L			01/13/22 14:39	1
Bromoform	ND		10		ug/L			01/13/22 14:39	1
Bromomethane	ND		10		ug/L			01/13/22 14:39	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 14:39	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 14:39	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 14:39	1
Chlorobenzene	ND		10		ug/L			01/13/22 14:39	1
Chlorobromomethane	ND		10		ug/L			01/13/22 14:39	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 14:39	1
Chloroethane	ND		5.0		ug/L			01/13/22 14:39	1
Chloroform	ND		2.0		ug/L			01/13/22 14:39	1
Chloromethane	ND		10		ug/L			01/13/22 14:39	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 14:39	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 14:39	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 14:39	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 14:39	1
Dibromomethane	ND		10		ug/L			01/13/22 14:39	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 14:39	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 14:39	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 14:39	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 14:39	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 14:39	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 14:39	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 14:39	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 14:39	1
2-Hexanone	ND		50		ug/L			01/13/22 14:39	1
Iodomethane	ND		100		ug/L			01/13/22 14:39	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 14:39	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 14:39	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 14:39	1
o-Xylene	ND		5.0		ug/L			01/13/22 14:39	1
Styrene	ND		10		ug/L			01/13/22 14:39	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 14:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 14:39	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 14:39	1
Toluene	ND		2.0		ug/L			01/13/22 14:39	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 14:39	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 14:39	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 14:39	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 14:39	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 14:39	1
Trichloroethene	ND		2.0		ug/L			01/13/22 14:39	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 14:39	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 14:39	1
Vinyl acetate	ND		100		ug/L			01/13/22 14:39	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 14:39	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 14:39	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWA-1
Date Collected: 01/06/22 09:19
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130		01/13/22 14:39	1
Dibromofluoromethane (Surr)	105		70 - 130		01/13/22 14:39	1
1,2-Dichloroethane-d4 (Surr)	109		60 - 124		01/13/22 14:39	1
Toluene-d8 (Surr)	103		70 - 130		01/13/22 14:39	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:40	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:40	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:40	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:40	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:40	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:40	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:40	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:40	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:40	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:40	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:40	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:40	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:40	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:40	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:40	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWA-2
Date Collected: 01/05/22 14:13
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 15:03	1
Acrylonitrile	ND		50		ug/L			01/13/22 15:03	1
Benzene	ND		2.0		ug/L			01/13/22 15:03	1
Bromoform	ND		10		ug/L			01/13/22 15:03	1
Bromomethane	ND		10		ug/L			01/13/22 15:03	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 15:03	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 15:03	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 15:03	1
Chlorobenzene	ND		10		ug/L			01/13/22 15:03	1
Chlorobromomethane	ND		10		ug/L			01/13/22 15:03	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 15:03	1
Chloroethane	ND		5.0		ug/L			01/13/22 15:03	1
Chloroform	ND		2.0		ug/L			01/13/22 15:03	1
Chloromethane	ND		10		ug/L			01/13/22 15:03	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 15:03	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 15:03	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 15:03	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 15:03	1
Dibromomethane	ND		10		ug/L			01/13/22 15:03	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 15:03	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 15:03	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 15:03	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 15:03	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 15:03	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 15:03	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 15:03	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 15:03	1
2-Hexanone	ND		50		ug/L			01/13/22 15:03	1
Iodomethane	ND		100		ug/L			01/13/22 15:03	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 15:03	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 15:03	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 15:03	1
o-Xylene	ND		5.0		ug/L			01/13/22 15:03	1
Styrene	ND		10		ug/L			01/13/22 15:03	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 15:03	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 15:03	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 15:03	1
Toluene	ND		2.0		ug/L			01/13/22 15:03	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 15:03	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 15:03	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 15:03	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 15:03	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 15:03	1
Trichloroethene	ND		2.0		ug/L			01/13/22 15:03	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 15:03	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 15:03	1
Vinyl acetate	ND		100		ug/L			01/13/22 15:03	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 15:03	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 15:03	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWA-2
Date Collected: 01/05/22 14:13
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-2
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130		01/13/22 15:03	1
Dibromofluoromethane (Surr)	108		70 - 130		01/13/22 15:03	1
1,2-Dichloroethane-d4 (Surr)	108		60 - 124		01/13/22 15:03	1
Toluene-d8 (Surr)	103		70 - 130		01/13/22 15:03	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:31	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:31	1
Barium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:31	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:31	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:31	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:31	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:31	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:31	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:31	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:31	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:31	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:31	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:31	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:31	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:31	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-1

Lab Sample ID: 680-209845-3

Date Collected: 01/04/22 14:26

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 18:43	1
Acrylonitrile	ND		50		ug/L			01/12/22 18:43	1
Benzene	ND		2.0		ug/L			01/12/22 18:43	1
Bromoform	ND		10		ug/L			01/12/22 18:43	1
Bromomethane	ND		10		ug/L			01/12/22 18:43	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 18:43	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 18:43	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 18:43	1
Chlorobenzene	ND		10		ug/L			01/12/22 18:43	1
Chlorobromomethane	ND		10		ug/L			01/12/22 18:43	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 18:43	1
Chloroethane	ND		5.0		ug/L			01/12/22 18:43	1
Chloroform	ND		2.0		ug/L			01/12/22 18:43	1
Chloromethane	ND		10		ug/L			01/12/22 18:43	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 18:43	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 18:43	1
1,2-Dibromo-3-Chloropropane	ND	*	25		ug/L			01/12/22 18:43	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 18:43	1
Dibromomethane	ND		10		ug/L			01/12/22 18:43	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 18:43	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 18:43	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 18:43	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 18:43	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 18:43	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 18:43	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 18:43	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 18:43	1
2-Hexanone	ND		50		ug/L			01/12/22 18:43	1
Iodomethane	ND		100		ug/L			01/12/22 18:43	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 18:43	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 18:43	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 18:43	1
o-Xylene	ND		5.0		ug/L			01/12/22 18:43	1
Styrene	ND		10		ug/L			01/12/22 18:43	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 18:43	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 18:43	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 18:43	1
Toluene	ND		2.0		ug/L			01/12/22 18:43	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 18:43	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 18:43	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 18:43	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 18:43	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 18:43	1
Trichloroethene	ND		2.0		ug/L			01/12/22 18:43	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 18:43	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 18:43	1
Vinyl acetate	ND		100		ug/L			01/12/22 18:43	1
Vinyl chloride	ND	*+	2.0		ug/L			01/12/22 18:43	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 18:43	1

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-1
Date Collected: 01/04/22 14:26
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-3
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130		01/12/22 18:43	1
Dibromofluoromethane (Surr)	111		70 - 130		01/12/22 18:43	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		01/12/22 18:43	1
Toluene-d8 (Surr)	111		70 - 130		01/12/22 18:43	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:17	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:17	1
Barium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:17	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 15:17	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 15:17	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:17	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:17	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:17	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 15:17	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:17	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:17	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:17	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 15:17	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:17	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:17	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-2
Date Collected: 01/05/22 10:44
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 15:27	1
Acrylonitrile	ND		50		ug/L			01/13/22 15:27	1
Benzene	ND		2.0		ug/L			01/13/22 15:27	1
Bromoform	ND		10		ug/L			01/13/22 15:27	1
Bromomethane	ND		10		ug/L			01/13/22 15:27	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 15:27	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 15:27	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 15:27	1
Chlorobenzene	ND		10		ug/L			01/13/22 15:27	1
Chlorobromomethane	ND		10		ug/L			01/13/22 15:27	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 15:27	1
Chloroethane	ND		5.0		ug/L			01/13/22 15:27	1
Chloroform	ND		2.0		ug/L			01/13/22 15:27	1
Chloromethane	ND		10		ug/L			01/13/22 15:27	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 15:27	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 15:27	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 15:27	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 15:27	1
Dibromomethane	ND		10		ug/L			01/13/22 15:27	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 15:27	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 15:27	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 15:27	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 15:27	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 15:27	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 15:27	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 15:27	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 15:27	1
2-Hexanone	ND		50		ug/L			01/13/22 15:27	1
Iodomethane	ND		100		ug/L			01/13/22 15:27	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 15:27	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 15:27	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 15:27	1
o-Xylene	ND		5.0		ug/L			01/13/22 15:27	1
Styrene	ND		10		ug/L			01/13/22 15:27	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 15:27	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 15:27	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 15:27	1
Toluene	ND		2.0		ug/L			01/13/22 15:27	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 15:27	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 15:27	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 15:27	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 15:27	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 15:27	1
Trichloroethene	ND		2.0		ug/L			01/13/22 15:27	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 15:27	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 15:27	1
Vinyl acetate	ND		100		ug/L			01/13/22 15:27	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 15:27	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 15:27	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-2
Date Collected: 01/05/22 10:44
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-4
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130		01/13/22 15:27	1
Dibromofluoromethane (Surr)	107		70 - 130		01/13/22 15:27	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 124		01/13/22 15:27	1
Toluene-d8 (Surr)	102		70 - 130		01/13/22 15:27	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:33	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:33	1
Barium	0.021		0.020		mg/L		01/11/22 10:01	01/12/22 16:33	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:33	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:33	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:33	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:33	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:33	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:33	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:33	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:33	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:33	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:33	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:33	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:33	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-3
Date Collected: 01/04/22 15:06
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 15:04	1
Acrylonitrile	ND		50		ug/L			01/12/22 15:04	1
Benzene	ND		2.0		ug/L			01/12/22 15:04	1
Bromoform	ND		10		ug/L			01/12/22 15:04	1
Bromomethane	ND		10		ug/L			01/12/22 15:04	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 15:04	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 15:04	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 15:04	1
Chlorobenzene	ND		10		ug/L			01/12/22 15:04	1
Chlorobromomethane	ND		10		ug/L			01/12/22 15:04	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 15:04	1
Chloroethane	ND		5.0		ug/L			01/12/22 15:04	1
Chloroform	ND		2.0		ug/L			01/12/22 15:04	1
Chloromethane	ND		10		ug/L			01/12/22 15:04	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 15:04	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 15:04	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 15:04	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 15:04	1
Dibromomethane	ND		10		ug/L			01/12/22 15:04	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 15:04	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 15:04	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 15:04	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 15:04	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 15:04	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 15:04	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 15:04	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 15:04	1
2-Hexanone	ND		50		ug/L			01/12/22 15:04	1
Iodomethane	ND		100		ug/L			01/12/22 15:04	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 15:04	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 15:04	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 15:04	1
o-Xylene	ND		5.0		ug/L			01/12/22 15:04	1
Styrene	ND		10		ug/L			01/12/22 15:04	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 15:04	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 15:04	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 15:04	1
Toluene	ND		2.0		ug/L			01/12/22 15:04	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 15:04	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 15:04	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 15:04	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 15:04	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 15:04	1
Trichloroethene	ND		2.0		ug/L			01/12/22 15:04	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 15:04	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 15:04	1
Vinyl acetate	ND		100		ug/L			01/12/22 15:04	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 15:04	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 15:04	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-3
Date Collected: 01/04/22 15:06
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-5
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		01/12/22 15:04	1
Dibromofluoromethane (Surr)	102		70 - 130		01/12/22 15:04	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 124		01/12/22 15:04	1
Toluene-d8 (Surr)	97		70 - 130		01/12/22 15:04	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:30	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:30	1
Barium	0.021		0.020		mg/L		01/11/22 10:01	01/12/22 15:30	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 15:30	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 15:30	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:30	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:30	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:30	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 15:30	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:30	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:30	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:30	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 15:30	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:30	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:30	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-4
Date Collected: 01/05/22 13:54
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 15:50	1
Acrylonitrile	ND		50		ug/L			01/13/22 15:50	1
Benzene	ND		2.0		ug/L			01/13/22 15:50	1
Bromoform	ND		10		ug/L			01/13/22 15:50	1
Bromomethane	ND		10		ug/L			01/13/22 15:50	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 15:50	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 15:50	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 15:50	1
Chlorobenzene	ND		10		ug/L			01/13/22 15:50	1
Chlorobromomethane	ND		10		ug/L			01/13/22 15:50	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 15:50	1
Chloroethane	ND		5.0		ug/L			01/13/22 15:50	1
Chloroform	ND		2.0		ug/L			01/13/22 15:50	1
Chloromethane	ND		10		ug/L			01/13/22 15:50	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 15:50	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 15:50	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 15:50	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 15:50	1
Dibromomethane	ND		10		ug/L			01/13/22 15:50	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 15:50	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 15:50	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 15:50	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 15:50	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 15:50	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 15:50	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 15:50	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 15:50	1
2-Hexanone	ND		50		ug/L			01/13/22 15:50	1
Iodomethane	ND		100		ug/L			01/13/22 15:50	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 15:50	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 15:50	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 15:50	1
o-Xylene	ND		5.0		ug/L			01/13/22 15:50	1
Styrene	ND		10		ug/L			01/13/22 15:50	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 15:50	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 15:50	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 15:50	1
Toluene	ND		2.0		ug/L			01/13/22 15:50	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 15:50	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 15:50	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 15:50	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 15:50	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 15:50	1
Trichloroethene	ND		2.0		ug/L			01/13/22 15:50	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 15:50	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 15:50	1
Vinyl acetate	ND		100		ug/L			01/13/22 15:50	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 15:50	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 15:50	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-4
Date Collected: 01/05/22 13:54
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-6
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130		01/13/22 15:50	1
Dibromofluoromethane (Surr)	107		70 - 130		01/13/22 15:50	1
1,2-Dichloroethane-d4 (Surr)	109		60 - 124		01/13/22 15:50	1
Toluene-d8 (Surr)	103		70 - 130		01/13/22 15:50	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:36	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:36	1
Barium	0.037		0.020		mg/L		01/11/22 10:01	01/12/22 16:36	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:36	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:36	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:36	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:36	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:36	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:36	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:36	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:36	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:36	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:36	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:36	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:36	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-5

Lab Sample ID: 680-209845-7

Date Collected: 01/05/22 14:20

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 16:14	1
Acrylonitrile	ND		50		ug/L			01/13/22 16:14	1
Benzene	ND		2.0		ug/L			01/13/22 16:14	1
Bromoform	ND		10		ug/L			01/13/22 16:14	1
Bromomethane	ND		10		ug/L			01/13/22 16:14	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 16:14	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 16:14	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 16:14	1
Chlorobenzene	ND		10		ug/L			01/13/22 16:14	1
Chlorobromomethane	ND		10		ug/L			01/13/22 16:14	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 16:14	1
Chloroethane	ND		5.0		ug/L			01/13/22 16:14	1
Chloroform	ND		2.0		ug/L			01/13/22 16:14	1
Chloromethane	ND		10		ug/L			01/13/22 16:14	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 16:14	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 16:14	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 16:14	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 16:14	1
Dibromomethane	ND		10		ug/L			01/13/22 16:14	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 16:14	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 16:14	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 16:14	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 16:14	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 16:14	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 16:14	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 16:14	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 16:14	1
2-Hexanone	ND		50		ug/L			01/13/22 16:14	1
Iodomethane	ND		100		ug/L			01/13/22 16:14	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 16:14	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 16:14	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 16:14	1
o-Xylene	ND		5.0		ug/L			01/13/22 16:14	1
Styrene	ND		10		ug/L			01/13/22 16:14	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 16:14	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 16:14	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 16:14	1
Toluene	ND		2.0		ug/L			01/13/22 16:14	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 16:14	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 16:14	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 16:14	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 16:14	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 16:14	1
Trichloroethene	ND		2.0		ug/L			01/13/22 16:14	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 16:14	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 16:14	1
Vinyl acetate	ND		100		ug/L			01/13/22 16:14	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 16:14	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 16:14	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-5
Date Collected: 01/05/22 14:20
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-7
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130		01/13/22 16:14	1
Dibromofluoromethane (Surr)	108		70 - 130		01/13/22 16:14	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 124		01/13/22 16:14	1
Toluene-d8 (Surr)	103		70 - 130		01/13/22 16:14	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:38	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:38	1
Barium	0.044		0.020		mg/L		01/11/22 10:01	01/12/22 16:38	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:38	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:38	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:38	1
Cobalt	0.0095		0.0060		mg/L		01/11/22 10:01	01/12/22 16:38	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:38	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:38	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:38	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:38	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:38	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:38	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:38	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:38	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-6
Date Collected: 01/04/22 10:49
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 15:27	1
Acrylonitrile	ND		50		ug/L			01/12/22 15:27	1
Benzene	ND		2.0		ug/L			01/12/22 15:27	1
Bromoform	ND		10		ug/L			01/12/22 15:27	1
Bromomethane	ND		10		ug/L			01/12/22 15:27	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 15:27	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 15:27	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 15:27	1
Chlorobenzene	ND		10		ug/L			01/12/22 15:27	1
Chlorobromomethane	ND		10		ug/L			01/12/22 15:27	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 15:27	1
Chloroethane	ND		5.0		ug/L			01/12/22 15:27	1
Chloroform	ND		2.0		ug/L			01/12/22 15:27	1
Chloromethane	ND		10		ug/L			01/12/22 15:27	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 15:27	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 15:27	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 15:27	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 15:27	1
Dibromomethane	ND		10		ug/L			01/12/22 15:27	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 15:27	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 15:27	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 15:27	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 15:27	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 15:27	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 15:27	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 15:27	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 15:27	1
2-Hexanone	ND		50		ug/L			01/12/22 15:27	1
Iodomethane	ND		100		ug/L			01/12/22 15:27	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 15:27	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 15:27	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 15:27	1
o-Xylene	ND		5.0		ug/L			01/12/22 15:27	1
Styrene	ND		10		ug/L			01/12/22 15:27	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 15:27	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 15:27	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 15:27	1
Toluene	ND		2.0		ug/L			01/12/22 15:27	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 15:27	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 15:27	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 15:27	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 15:27	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 15:27	1
Trichloroethene	ND		2.0		ug/L			01/12/22 15:27	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 15:27	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 15:27	1
Vinyl acetate	ND		100		ug/L			01/12/22 15:27	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 15:27	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 15:27	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-6
Date Collected: 01/04/22 10:49
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-8
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		01/12/22 15:27	1
Dibromofluoromethane (Surr)	101		70 - 130		01/12/22 15:27	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 124		01/12/22 15:27	1
Toluene-d8 (Surr)	97		70 - 130		01/12/22 15:27	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:33	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:33	1
Barium	0.072		0.020		mg/L		01/11/22 10:01	01/12/22 15:33	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 15:33	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 15:33	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:33	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:33	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:33	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 15:33	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:33	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:33	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:33	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 15:33	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:33	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:33	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-7

Lab Sample ID: 680-209845-9

Date Collected: 01/04/22 10:35

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 15:51	1
Acrylonitrile	ND		50		ug/L			01/12/22 15:51	1
Benzene	ND		2.0		ug/L			01/12/22 15:51	1
Bromoform	ND		10		ug/L			01/12/22 15:51	1
Bromomethane	ND		10		ug/L			01/12/22 15:51	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 15:51	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 15:51	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 15:51	1
Chlorobenzene	ND		10		ug/L			01/12/22 15:51	1
Chlorobromomethane	ND		10		ug/L			01/12/22 15:51	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 15:51	1
Chloroethane	ND		5.0		ug/L			01/12/22 15:51	1
Chloroform	ND		2.0		ug/L			01/12/22 15:51	1
Chloromethane	ND		10		ug/L			01/12/22 15:51	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 15:51	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 15:51	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 15:51	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 15:51	1
Dibromomethane	ND		10		ug/L			01/12/22 15:51	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 15:51	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 15:51	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 15:51	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 15:51	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 15:51	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 15:51	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 15:51	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 15:51	1
2-Hexanone	ND		50		ug/L			01/12/22 15:51	1
Iodomethane	ND		100		ug/L			01/12/22 15:51	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 15:51	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 15:51	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 15:51	1
o-Xylene	ND		5.0		ug/L			01/12/22 15:51	1
Styrene	ND		10		ug/L			01/12/22 15:51	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 15:51	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 15:51	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 15:51	1
Toluene	ND		2.0		ug/L			01/12/22 15:51	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 15:51	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 15:51	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 15:51	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 15:51	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 15:51	1
Trichloroethene	ND		2.0		ug/L			01/12/22 15:51	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 15:51	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 15:51	1
Vinyl acetate	ND		100		ug/L			01/12/22 15:51	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 15:51	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 15:51	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-7
Date Collected: 01/04/22 10:35
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-9
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		01/12/22 15:51	1
Dibromofluoromethane (Surr)	101		70 - 130		01/12/22 15:51	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 124		01/12/22 15:51	1
Toluene-d8 (Surr)	98		70 - 130		01/12/22 15:51	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:54	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:54	1
Barium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:54	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 15:54	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 15:54	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:54	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:54	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:54	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 15:54	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:54	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:54	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:54	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 15:54	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:54	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:54	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-7A

Lab Sample ID: 680-209845-10

Date Collected: 01/04/22 10:58

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 16:15	1
Acrylonitrile	ND		50		ug/L			01/12/22 16:15	1
Benzene	ND		2.0		ug/L			01/12/22 16:15	1
Bromoform	ND		10		ug/L			01/12/22 16:15	1
Bromomethane	ND		10		ug/L			01/12/22 16:15	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 16:15	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 16:15	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 16:15	1
Chlorobenzene	ND		10		ug/L			01/12/22 16:15	1
Chlorobromomethane	ND		10		ug/L			01/12/22 16:15	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 16:15	1
Chloroethane	ND		5.0		ug/L			01/12/22 16:15	1
Chloroform	ND		2.0		ug/L			01/12/22 16:15	1
Chloromethane	ND		10		ug/L			01/12/22 16:15	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 16:15	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 16:15	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 16:15	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 16:15	1
Dibromomethane	ND		10		ug/L			01/12/22 16:15	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 16:15	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 16:15	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 16:15	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 16:15	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 16:15	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 16:15	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 16:15	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 16:15	1
2-Hexanone	ND		50		ug/L			01/12/22 16:15	1
Iodomethane	ND		100		ug/L			01/12/22 16:15	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 16:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 16:15	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 16:15	1
o-Xylene	ND		5.0		ug/L			01/12/22 16:15	1
Styrene	ND		10		ug/L			01/12/22 16:15	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 16:15	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 16:15	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 16:15	1
Toluene	ND		2.0		ug/L			01/12/22 16:15	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 16:15	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 16:15	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 16:15	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 16:15	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 16:15	1
Trichloroethene	ND		2.0		ug/L			01/12/22 16:15	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 16:15	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 16:15	1
Vinyl acetate	ND		100		ug/L			01/12/22 16:15	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 16:15	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 16:15	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-7A
Date Collected: 01/04/22 10:58
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-10
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		01/12/22 16:15	1
Dibromofluoromethane (Surr)	99		70 - 130		01/12/22 16:15	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 124		01/12/22 16:15	1
Toluene-d8 (Surr)	98		70 - 130		01/12/22 16:15	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:57	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:57	1
Barium	0.035		0.020		mg/L		01/11/22 10:01	01/12/22 15:57	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 15:57	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 15:57	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:57	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:57	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:57	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 15:57	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:57	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:57	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:57	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 15:57	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:57	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:57	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-8
Date Collected: 01/05/22 14:46
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-11
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 16:52	1
Acrylonitrile	ND		50		ug/L			01/13/22 16:52	1
Benzene	ND		2.0		ug/L			01/13/22 16:52	1
Bromoform	ND		10		ug/L			01/13/22 16:52	1
Bromomethane	ND		10		ug/L			01/13/22 16:52	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 16:52	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 16:52	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 16:52	1
Chlorobenzene	ND		10		ug/L			01/13/22 16:52	1
Chlorobromomethane	ND		10		ug/L			01/13/22 16:52	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 16:52	1
Chloroethane	ND		5.0		ug/L			01/13/22 16:52	1
Chloroform	ND		2.0		ug/L			01/13/22 16:52	1
Chloromethane	ND		10		ug/L			01/13/22 16:52	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 16:52	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 16:52	1
1,2-Dibromo-3-Chloropropane	ND	*	25		ug/L			01/13/22 16:52	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 16:52	1
Dibromomethane	ND		10		ug/L			01/13/22 16:52	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 16:52	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 16:52	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 16:52	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 16:52	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 16:52	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 16:52	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 16:52	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 16:52	1
2-Hexanone	ND		50		ug/L			01/13/22 16:52	1
Iodomethane	ND		100		ug/L			01/13/22 16:52	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 16:52	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 16:52	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 16:52	1
o-Xylene	ND		5.0		ug/L			01/13/22 16:52	1
Styrene	ND		10		ug/L			01/13/22 16:52	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 16:52	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 16:52	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 16:52	1
Toluene	ND		2.0		ug/L			01/13/22 16:52	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 16:52	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 16:52	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 16:52	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 16:52	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 16:52	1
Trichloroethene	ND		2.0		ug/L			01/13/22 16:52	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 16:52	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 16:52	1
Vinyl acetate	ND		100		ug/L			01/13/22 16:52	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 16:52	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 16:52	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-8
Date Collected: 01/05/22 14:46
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-11
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130		01/13/22 16:52	1
Dibromofluoromethane (Surr)	107		70 - 130		01/13/22 16:52	1
1,2-Dichloroethane-d4 (Surr)	83		60 - 124		01/13/22 16:52	1
Toluene-d8 (Surr)	107		70 - 130		01/13/22 16:52	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:41	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:41	1
Barium	0.048		0.020		mg/L		01/11/22 10:01	01/12/22 16:41	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:41	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:41	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:41	1
Cobalt	0.027		0.0060		mg/L		01/11/22 10:01	01/12/22 16:41	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:41	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:41	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:41	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:41	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:41	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:41	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:41	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:41	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-9

Lab Sample ID: 680-209845-12

Date Collected: 01/04/22 11:29

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 16:39	1
Acrylonitrile	ND		50		ug/L			01/12/22 16:39	1
Benzene	ND		2.0		ug/L			01/12/22 16:39	1
Bromoform	ND		10		ug/L			01/12/22 16:39	1
Bromomethane	ND		10		ug/L			01/12/22 16:39	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 16:39	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 16:39	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 16:39	1
Chlorobenzene	ND		10		ug/L			01/12/22 16:39	1
Chlorobromomethane	ND		10		ug/L			01/12/22 16:39	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 16:39	1
Chloroethane	ND		5.0		ug/L			01/12/22 16:39	1
Chloroform	ND		2.0		ug/L			01/12/22 16:39	1
Chloromethane	ND		10		ug/L			01/12/22 16:39	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 16:39	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 16:39	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 16:39	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 16:39	1
Dibromomethane	ND		10		ug/L			01/12/22 16:39	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 16:39	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 16:39	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 16:39	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 16:39	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 16:39	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 16:39	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 16:39	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 16:39	1
2-Hexanone	ND		50		ug/L			01/12/22 16:39	1
Iodomethane	ND		100		ug/L			01/12/22 16:39	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 16:39	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 16:39	1
m-Xylene & p-Xylene	5.2		5.0		ug/L			01/12/22 16:39	1
o-Xylene	ND		5.0		ug/L			01/12/22 16:39	1
Styrene	ND		10		ug/L			01/12/22 16:39	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 16:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 16:39	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 16:39	1
Toluene	ND		2.0		ug/L			01/12/22 16:39	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 16:39	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 16:39	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 16:39	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 16:39	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 16:39	1
Trichloroethene	ND		2.0		ug/L			01/12/22 16:39	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 16:39	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 16:39	1
Vinyl acetate	ND		100		ug/L			01/12/22 16:39	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 16:39	1
Xylenes, Total	5.2		5.0		ug/L			01/12/22 16:39	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-9
Date Collected: 01/04/22 11:29
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-12
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		01/12/22 16:39	1
Dibromofluoromethane (Surr)	100		70 - 130		01/12/22 16:39	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 124		01/12/22 16:39	1
Toluene-d8 (Surr)	96		70 - 130		01/12/22 16:39	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:59	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:59	1
Barium	0.23		0.020		mg/L		01/11/22 10:01	01/12/22 15:59	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 15:59	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 15:59	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:59	1
Cobalt	0.094		0.0060		mg/L		01/11/22 10:01	01/12/22 15:59	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:59	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 15:59	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:59	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:59	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:59	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 15:59	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:59	1
Zinc	0.068		0.020		mg/L		01/11/22 10:01	01/12/22 15:59	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-10D

Lab Sample ID: 680-209845-13

Date Collected: 01/06/22 10:21

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 16:38	1
Acrylonitrile	ND		50		ug/L			01/13/22 16:38	1
Benzene	ND		2.0		ug/L			01/13/22 16:38	1
Bromoform	ND		10		ug/L			01/13/22 16:38	1
Bromomethane	ND		10		ug/L			01/13/22 16:38	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 16:38	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 16:38	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 16:38	1
Chlorobenzene	ND		10		ug/L			01/13/22 16:38	1
Chlorobromomethane	ND		10		ug/L			01/13/22 16:38	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 16:38	1
Chloroethane	ND		5.0		ug/L			01/13/22 16:38	1
Chloroform	ND		2.0		ug/L			01/13/22 16:38	1
Chloromethane	ND		10		ug/L			01/13/22 16:38	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 16:38	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 16:38	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 16:38	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 16:38	1
Dibromomethane	ND		10		ug/L			01/13/22 16:38	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 16:38	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 16:38	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 16:38	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 16:38	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 16:38	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 16:38	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 16:38	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 16:38	1
2-Hexanone	ND		50		ug/L			01/13/22 16:38	1
Iodomethane	ND		100		ug/L			01/13/22 16:38	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 16:38	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 16:38	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 16:38	1
o-Xylene	ND		5.0		ug/L			01/13/22 16:38	1
Styrene	ND		10		ug/L			01/13/22 16:38	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 16:38	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 16:38	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 16:38	1
Toluene	ND		2.0		ug/L			01/13/22 16:38	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 16:38	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 16:38	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 16:38	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 16:38	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 16:38	1
Trichloroethene	ND		2.0		ug/L			01/13/22 16:38	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 16:38	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 16:38	1
Vinyl acetate	ND		100		ug/L			01/13/22 16:38	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 16:38	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 16:38	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-10D

Lab Sample ID: 680-209845-13

Date Collected: 01/06/22 10:21

Matrix: Ground Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		01/13/22 16:38	1
Dibromofluoromethane (Surr)	108		70 - 130		01/13/22 16:38	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 124		01/13/22 16:38	1
Toluene-d8 (Surr)	104		70 - 130		01/13/22 16:38	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:42	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:42	1
Barium	0.11		0.020		mg/L		01/11/22 10:36	01/12/22 17:42	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:42	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:42	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:42	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:42	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:42	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:42	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:42	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:42	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:42	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:42	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:42	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:42	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-11

Lab Sample ID: 680-209845-14

Date Collected: 01/04/22 11:35

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 17:03	1
Acrylonitrile	ND		50		ug/L			01/12/22 17:03	1
Benzene	2.8		2.0		ug/L			01/12/22 17:03	1
Bromoform	ND		10		ug/L			01/12/22 17:03	1
Bromomethane	ND		10		ug/L			01/12/22 17:03	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 17:03	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 17:03	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 17:03	1
Chlorobenzene	ND		10		ug/L			01/12/22 17:03	1
Chlorobromomethane	ND		10		ug/L			01/12/22 17:03	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 17:03	1
Chloroethane	ND		5.0		ug/L			01/12/22 17:03	1
Chloroform	ND		2.0		ug/L			01/12/22 17:03	1
Chloromethane	ND		10		ug/L			01/12/22 17:03	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:03	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:03	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 17:03	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 17:03	1
Dibromomethane	ND		10		ug/L			01/12/22 17:03	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 17:03	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 17:03	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 17:03	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 17:03	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 17:03	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 17:03	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 17:03	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 17:03	1
2-Hexanone	ND		50		ug/L			01/12/22 17:03	1
Iodomethane	ND		100		ug/L			01/12/22 17:03	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 17:03	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 17:03	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 17:03	1
o-Xylene	ND		5.0		ug/L			01/12/22 17:03	1
Styrene	ND		10		ug/L			01/12/22 17:03	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:03	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:03	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 17:03	1
Toluene	ND		2.0		ug/L			01/12/22 17:03	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 17:03	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:03	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:03	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 17:03	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 17:03	1
Trichloroethene	ND		2.0		ug/L			01/12/22 17:03	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 17:03	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 17:03	1
Vinyl acetate	ND		100		ug/L			01/12/22 17:03	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 17:03	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 17:03	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-11
Date Collected: 01/04/22 11:35
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-14
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		01/12/22 17:03	1
Dibromofluoromethane (Surr)	101		70 - 130		01/12/22 17:03	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 124		01/12/22 17:03	1
Toluene-d8 (Surr)	97		70 - 130		01/12/22 17:03	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:02	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:02	1
Barium	0.59		0.020		mg/L		01/11/22 10:01	01/12/22 16:02	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:02	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:02	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:02	1
Cobalt	0.11		0.0060		mg/L		01/11/22 10:01	01/12/22 16:02	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:02	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:02	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:02	1
Selenium	0.017		0.010		mg/L		01/11/22 10:01	01/12/22 16:02	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:02	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:02	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:02	1
Zinc	0.097		0.020		mg/L		01/11/22 10:01	01/12/22 16:02	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-12R

Lab Sample ID: 680-209845-15

Date Collected: 01/04/22 12:09

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 17:27	1
Acrylonitrile	ND		50		ug/L			01/12/22 17:27	1
Benzene	2.1		2.0		ug/L			01/12/22 17:27	1
Bromoform	ND		10		ug/L			01/12/22 17:27	1
Bromomethane	ND		10		ug/L			01/12/22 17:27	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 17:27	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 17:27	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 17:27	1
Chlorobenzene	ND		10		ug/L			01/12/22 17:27	1
Chlorobromomethane	ND		10		ug/L			01/12/22 17:27	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 17:27	1
Chloroethane	ND		5.0		ug/L			01/12/22 17:27	1
Chloroform	ND		2.0		ug/L			01/12/22 17:27	1
Chloromethane	ND		10		ug/L			01/12/22 17:27	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:27	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:27	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 17:27	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 17:27	1
Dibromomethane	ND		10		ug/L			01/12/22 17:27	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 17:27	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 17:27	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 17:27	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 17:27	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 17:27	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 17:27	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 17:27	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 17:27	1
2-Hexanone	ND		50		ug/L			01/12/22 17:27	1
Iodomethane	ND		100		ug/L			01/12/22 17:27	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 17:27	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 17:27	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 17:27	1
o-Xylene	ND		5.0		ug/L			01/12/22 17:27	1
Styrene	ND		10		ug/L			01/12/22 17:27	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:27	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:27	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 17:27	1
Toluene	ND		2.0		ug/L			01/12/22 17:27	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 17:27	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:27	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:27	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 17:27	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 17:27	1
Trichloroethene	ND		2.0		ug/L			01/12/22 17:27	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 17:27	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 17:27	1
Vinyl acetate	ND		100		ug/L			01/12/22 17:27	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 17:27	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 17:27	1

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-12R

Lab Sample ID: 680-209845-15

Date Collected: 01/04/22 12:09

Matrix: Ground Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		01/12/22 17:27	1
Dibromofluoromethane (Surr)	101		70 - 130		01/12/22 17:27	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 124		01/12/22 17:27	1
Toluene-d8 (Surr)	97		70 - 130		01/12/22 17:27	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:05	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:05	1
Barium	0.11		0.020		mg/L		01/11/22 10:01	01/12/22 16:05	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:05	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:05	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:05	1
Cobalt	0.11		0.0060		mg/L		01/11/22 10:01	01/12/22 16:05	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:05	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:05	1
Nickel	0.024		0.020		mg/L		01/11/22 10:01	01/12/22 16:05	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:05	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:05	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:05	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:05	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:05	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-13R

Lab Sample ID: 680-209845-16

Date Collected: 01/05/22 11:40

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 17:16	1
Acrylonitrile	ND		50		ug/L			01/13/22 17:16	1
Benzene	ND		2.0		ug/L			01/13/22 17:16	1
Bromoform	ND		10		ug/L			01/13/22 17:16	1
Bromomethane	ND		10		ug/L			01/13/22 17:16	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 17:16	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 17:16	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 17:16	1
Chlorobenzene	ND		10		ug/L			01/13/22 17:16	1
Chlorobromomethane	ND		10		ug/L			01/13/22 17:16	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 17:16	1
Chloroethane	ND		5.0		ug/L			01/13/22 17:16	1
Chloroform	ND		2.0		ug/L			01/13/22 17:16	1
Chloromethane	ND		10		ug/L			01/13/22 17:16	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 17:16	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 17:16	1
1,2-Dibromo-3-Chloropropane	ND	*	25		ug/L			01/13/22 17:16	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 17:16	1
Dibromomethane	ND		10		ug/L			01/13/22 17:16	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 17:16	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 17:16	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 17:16	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 17:16	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 17:16	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 17:16	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 17:16	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 17:16	1
2-Hexanone	ND		50		ug/L			01/13/22 17:16	1
Iodomethane	ND		100		ug/L			01/13/22 17:16	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 17:16	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 17:16	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 17:16	1
o-Xylene	ND		5.0		ug/L			01/13/22 17:16	1
Styrene	ND		10		ug/L			01/13/22 17:16	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 17:16	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 17:16	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 17:16	1
Toluene	ND		2.0		ug/L			01/13/22 17:16	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 17:16	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 17:16	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 17:16	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 17:16	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 17:16	1
Trichloroethene	ND		2.0		ug/L			01/13/22 17:16	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 17:16	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 17:16	1
Vinyl acetate	ND		100		ug/L			01/13/22 17:16	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 17:16	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 17:16	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-13R

Lab Sample ID: 680-209845-16

Date Collected: 01/05/22 11:40

Matrix: Ground Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130		01/13/22 17:16	1
Dibromofluoromethane (Surr)	102		70 - 130		01/13/22 17:16	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		01/13/22 17:16	1
Toluene-d8 (Surr)	108		70 - 130		01/13/22 17:16	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 16:56	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 16:56	1
Barium	0.052		0.020		mg/L		01/11/22 10:36	01/12/22 16:56	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 16:56	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 16:56	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 16:56	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 16:56	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 16:56	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 16:56	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 16:56	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 16:56	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 16:56	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 16:56	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 16:56	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 16:56	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-14R

Lab Sample ID: 680-209845-17

Date Collected: 01/05/22 14:42

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 17:39	1
Acrylonitrile	ND		50		ug/L			01/13/22 17:39	1
Benzene	ND		2.0		ug/L			01/13/22 17:39	1
Bromoform	ND		10		ug/L			01/13/22 17:39	1
Bromomethane	ND		10		ug/L			01/13/22 17:39	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 17:39	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 17:39	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 17:39	1
Chlorobenzene	ND		10		ug/L			01/13/22 17:39	1
Chlorobromomethane	ND		10		ug/L			01/13/22 17:39	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 17:39	1
Chloroethane	ND		5.0		ug/L			01/13/22 17:39	1
Chloroform	ND		2.0		ug/L			01/13/22 17:39	1
Chloromethane	ND		10		ug/L			01/13/22 17:39	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 17:39	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 17:39	1
1,2-Dibromo-3-Chloropropane	ND	*	25		ug/L			01/13/22 17:39	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 17:39	1
Dibromomethane	ND		10		ug/L			01/13/22 17:39	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 17:39	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 17:39	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 17:39	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 17:39	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 17:39	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 17:39	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 17:39	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 17:39	1
2-Hexanone	ND		50		ug/L			01/13/22 17:39	1
Iodomethane	ND		100		ug/L			01/13/22 17:39	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 17:39	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 17:39	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 17:39	1
o-Xylene	ND		5.0		ug/L			01/13/22 17:39	1
Styrene	ND		10		ug/L			01/13/22 17:39	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 17:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 17:39	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 17:39	1
Toluene	ND		2.0		ug/L			01/13/22 17:39	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 17:39	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 17:39	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 17:39	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 17:39	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 17:39	1
Trichloroethene	ND		2.0		ug/L			01/13/22 17:39	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 17:39	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 17:39	1
Vinyl acetate	ND		100		ug/L			01/13/22 17:39	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 17:39	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 17:39	1

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-14R

Lab Sample ID: 680-209845-17

Date Collected: 01/05/22 14:42

Matrix: Ground Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130		01/13/22 17:39	1
Dibromofluoromethane (Surr)	105		70 - 130		01/13/22 17:39	1
1,2-Dichloroethane-d4 (Surr)	86		60 - 124		01/13/22 17:39	1
Toluene-d8 (Surr)	110		70 - 130		01/13/22 17:39	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:09	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:09	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:09	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:09	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:09	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:09	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:09	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:09	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:09	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:09	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:09	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:09	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:09	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:09	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:09	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-15

Lab Sample ID: 680-209845-18

Date Collected: 01/04/22 12:23

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 17:51	1
Acrylonitrile	ND		50		ug/L			01/12/22 17:51	1
Benzene	ND		2.0		ug/L			01/12/22 17:51	1
Bromoform	ND		10		ug/L			01/12/22 17:51	1
Bromomethane	ND		10		ug/L			01/12/22 17:51	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 17:51	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 17:51	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 17:51	1
Chlorobenzene	ND		10		ug/L			01/12/22 17:51	1
Chlorobromomethane	ND		10		ug/L			01/12/22 17:51	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 17:51	1
Chloroethane	ND		5.0		ug/L			01/12/22 17:51	1
Chloroform	ND		2.0		ug/L			01/12/22 17:51	1
Chloromethane	ND		10		ug/L			01/12/22 17:51	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:51	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:51	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 17:51	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 17:51	1
Dibromomethane	ND		10		ug/L			01/12/22 17:51	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 17:51	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 17:51	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 17:51	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 17:51	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 17:51	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 17:51	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 17:51	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 17:51	1
2-Hexanone	ND		50		ug/L			01/12/22 17:51	1
Iodomethane	ND		100		ug/L			01/12/22 17:51	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 17:51	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 17:51	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 17:51	1
o-Xylene	ND		5.0		ug/L			01/12/22 17:51	1
Styrene	ND		10		ug/L			01/12/22 17:51	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:51	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:51	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 17:51	1
Toluene	ND		2.0		ug/L			01/12/22 17:51	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 17:51	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:51	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:51	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 17:51	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 17:51	1
Trichloroethene	ND		2.0		ug/L			01/12/22 17:51	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 17:51	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 17:51	1
Vinyl acetate	ND		100		ug/L			01/12/22 17:51	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 17:51	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 17:51	1

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-15
Date Collected: 01/04/22 12:23
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-18
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		01/12/22 17:51	1
Dibromofluoromethane (Surr)	99		70 - 130		01/12/22 17:51	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 124		01/12/22 17:51	1
Toluene-d8 (Surr)	96		70 - 130		01/12/22 17:51	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:07	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:07	1
Barium	0.13		0.020		mg/L		01/11/22 10:01	01/12/22 16:07	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:07	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:07	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:07	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:07	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:07	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:07	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:07	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:07	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:07	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:07	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:07	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:07	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-16

Lab Sample ID: 680-209845-19

Date Collected: 01/05/22 15:09

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 17:02	1
Acrylonitrile	ND		50		ug/L			01/13/22 17:02	1
Benzene	ND		2.0		ug/L			01/13/22 17:02	1
Bromoform	ND		10		ug/L			01/13/22 17:02	1
Bromomethane	ND		10		ug/L			01/13/22 17:02	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 17:02	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 17:02	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 17:02	1
Chlorobenzene	ND		10		ug/L			01/13/22 17:02	1
Chlorobromomethane	ND		10		ug/L			01/13/22 17:02	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 17:02	1
Chloroethane	ND		5.0		ug/L			01/13/22 17:02	1
Chloroform	ND		2.0		ug/L			01/13/22 17:02	1
Chloromethane	ND		10		ug/L			01/13/22 17:02	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 17:02	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 17:02	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 17:02	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 17:02	1
Dibromomethane	ND		10		ug/L			01/13/22 17:02	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 17:02	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 17:02	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 17:02	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 17:02	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 17:02	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 17:02	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 17:02	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 17:02	1
2-Hexanone	ND		50		ug/L			01/13/22 17:02	1
Iodomethane	ND		100		ug/L			01/13/22 17:02	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 17:02	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 17:02	1
o-Xylene	ND		5.0		ug/L			01/13/22 17:02	1
Styrene	ND		10		ug/L			01/13/22 17:02	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 17:02	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 17:02	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 17:02	1
Toluene	ND		2.0		ug/L			01/13/22 17:02	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 17:02	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 17:02	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 17:02	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 17:02	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 17:02	1
Trichloroethene	ND		2.0		ug/L			01/13/22 17:02	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 17:02	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 17:02	1
Vinyl acetate	ND		100		ug/L			01/13/22 17:02	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 17:02	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 17:02	1

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-16
Date Collected: 01/05/22 15:09
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-19
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130		01/13/22 17:02	1
Dibromofluoromethane (Surr)	105		70 - 130		01/13/22 17:02	1
1,2-Dichloroethane-d4 (Surr)	108		60 - 124		01/13/22 17:02	1
Toluene-d8 (Surr)	104		70 - 130		01/13/22 17:02	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:12	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:12	1
Barium	0.14		0.020		mg/L		01/11/22 10:36	01/12/22 17:12	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:12	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:12	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:12	1
Cobalt	0.016		0.0060		mg/L		01/11/22 10:36	01/12/22 17:12	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:12	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:12	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:12	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:12	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:12	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:12	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:12	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:12	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-17

Lab Sample ID: 680-209845-20

Date Collected: 01/04/22 13:51

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 13:52	1
Acrylonitrile	ND		50		ug/L			01/12/22 13:52	1
Benzene	ND		2.0		ug/L			01/12/22 13:52	1
Bromoform	ND		10		ug/L			01/12/22 13:52	1
Bromomethane	ND		10		ug/L			01/12/22 13:52	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 13:52	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 13:52	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 13:52	1
Chlorobenzene	ND		10		ug/L			01/12/22 13:52	1
Chlorobromomethane	ND		10		ug/L			01/12/22 13:52	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 13:52	1
Chloroethane	ND		5.0		ug/L			01/12/22 13:52	1
Chloroform	ND		2.0		ug/L			01/12/22 13:52	1
Chloromethane	ND		10		ug/L			01/12/22 13:52	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 13:52	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 13:52	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 13:52	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 13:52	1
Dibromomethane	ND		10		ug/L			01/12/22 13:52	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 13:52	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 13:52	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 13:52	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 13:52	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 13:52	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 13:52	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 13:52	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 13:52	1
2-Hexanone	ND		50		ug/L			01/12/22 13:52	1
Iodomethane	ND		100		ug/L			01/12/22 13:52	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 13:52	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 13:52	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 18:03	1
o-Xylene	ND		5.0		ug/L			01/12/22 13:52	1
Styrene	ND		10		ug/L			01/12/22 13:52	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 13:52	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 13:52	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 13:52	1
Toluene	ND		2.0		ug/L			01/13/22 18:03	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 13:52	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 13:52	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 13:52	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 13:52	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 13:52	1
Trichloroethene	ND		2.0		ug/L			01/12/22 13:52	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 13:52	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 13:52	1
Vinyl acetate	ND		100		ug/L			01/12/22 13:52	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 13:52	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 18:03	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-17
Date Collected: 01/04/22 13:51
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-20
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		01/12/22 13:52	1
4-Bromofluorobenzene (Surr)	87		70 - 130		01/13/22 18:03	1
Dibromofluoromethane (Surr)	100		70 - 130		01/12/22 13:52	1
Dibromofluoromethane (Surr)	105		70 - 130		01/13/22 18:03	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 124		01/12/22 13:52	1
1,2-Dichloroethane-d4 (Surr)	87		60 - 124		01/13/22 18:03	1
Toluene-d8 (Surr)	98		70 - 130		01/12/22 13:52	1
Toluene-d8 (Surr)	112		70 - 130		01/13/22 18:03	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:10	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:10	1
Barium	0.046		0.020		mg/L		01/11/22 10:01	01/12/22 16:10	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:10	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:10	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:10	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:10	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:10	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:10	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:10	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:10	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:10	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:10	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:10	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:10	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-18

Lab Sample ID: 680-209845-21

Date Collected: 01/04/22 13:06

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 14:16	1
Acrylonitrile	ND		50		ug/L			01/12/22 14:16	1
Benzene	ND		2.0		ug/L			01/12/22 14:16	1
Bromoform	ND		10		ug/L			01/12/22 14:16	1
Bromomethane	ND		10		ug/L			01/12/22 14:16	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 14:16	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 14:16	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 14:16	1
Chlorobenzene	ND		10		ug/L			01/12/22 14:16	1
Chlorobromomethane	ND		10		ug/L			01/12/22 14:16	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 14:16	1
Chloroethane	ND		5.0		ug/L			01/12/22 14:16	1
Chloroform	ND		2.0		ug/L			01/12/22 14:16	1
Chloromethane	ND		10		ug/L			01/12/22 14:16	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 14:16	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 14:16	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 14:16	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 14:16	1
Dibromomethane	ND		10		ug/L			01/12/22 14:16	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 14:16	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 14:16	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 14:16	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 14:16	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 14:16	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 14:16	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 14:16	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 14:16	1
2-Hexanone	ND		50		ug/L			01/12/22 14:16	1
Iodomethane	ND		100		ug/L			01/12/22 14:16	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 14:16	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 14:16	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 14:16	1
o-Xylene	ND		5.0		ug/L			01/12/22 14:16	1
Styrene	ND		10		ug/L			01/12/22 14:16	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 14:16	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 14:16	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 14:16	1
Toluene	ND		2.0		ug/L			01/13/22 18:27	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 14:16	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 14:16	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 14:16	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 14:16	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 14:16	1
Trichloroethene	ND		2.0		ug/L			01/12/22 14:16	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 14:16	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 14:16	1
Vinyl acetate	ND		100		ug/L			01/12/22 14:16	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 14:16	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 14:16	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-18

Lab Sample ID: 680-209845-21

Date Collected: 01/04/22 13:06

Matrix: Ground Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130		01/12/22 14:16	1
4-Bromofluorobenzene (Surr)	90		70 - 130		01/13/22 18:27	1
Dibromofluoromethane (Surr)	101		70 - 130		01/12/22 14:16	1
Dibromofluoromethane (Surr)	109		70 - 130		01/13/22 18:27	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 124		01/12/22 14:16	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		01/13/22 18:27	1
Toluene-d8 (Surr)	97		70 - 130		01/12/22 14:16	1
Toluene-d8 (Surr)	109		70 - 130		01/13/22 18:27	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:13	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:13	1
Barium	0.028		0.020		mg/L		01/11/22 10:01	01/12/22 16:13	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:13	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:13	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:13	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:13	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:13	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:13	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:13	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:13	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:13	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:13	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:13	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:13	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-19

Lab Sample ID: 680-209845-22

Date Collected: 01/05/22 09:50

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 17:26	1
Acrylonitrile	ND		50		ug/L			01/13/22 17:26	1
Benzene	ND		2.0		ug/L			01/13/22 17:26	1
Bromoform	ND		10		ug/L			01/13/22 17:26	1
Bromomethane	ND		10		ug/L			01/13/22 17:26	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 17:26	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 17:26	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 17:26	1
Chlorobenzene	ND		10		ug/L			01/13/22 17:26	1
Chlorobromomethane	ND		10		ug/L			01/13/22 17:26	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 17:26	1
Chloroethane	ND		5.0		ug/L			01/13/22 17:26	1
Chloroform	ND		2.0		ug/L			01/13/22 17:26	1
Chloromethane	ND		10		ug/L			01/13/22 17:26	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 17:26	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 17:26	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 17:26	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 17:26	1
Dibromomethane	ND		10		ug/L			01/13/22 17:26	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 17:26	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 17:26	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 17:26	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 17:26	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 17:26	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 17:26	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 17:26	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 17:26	1
2-Hexanone	ND		50		ug/L			01/13/22 17:26	1
Iodomethane	ND		100		ug/L			01/13/22 17:26	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 17:26	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 17:26	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 17:26	1
o-Xylene	ND		5.0		ug/L			01/13/22 17:26	1
Styrene	ND		10		ug/L			01/13/22 17:26	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 17:26	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 17:26	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 17:26	1
Toluene	ND		2.0		ug/L			01/13/22 17:26	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 17:26	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 17:26	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 17:26	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 17:26	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 17:26	1
Trichloroethene	ND		2.0		ug/L			01/13/22 17:26	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 17:26	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 17:26	1
Vinyl acetate	ND		100		ug/L			01/13/22 17:26	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 17:26	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 17:26	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-19

Lab Sample ID: 680-209845-22

Date Collected: 01/05/22 09:50

Matrix: Ground Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130		01/13/22 17:26	1
Dibromofluoromethane (Surr)	106		70 - 130		01/13/22 17:26	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 124		01/13/22 17:26	1
Toluene-d8 (Surr)	103		70 - 130		01/13/22 17:26	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:14	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:14	1
Barium	0.029		0.020		mg/L		01/11/22 10:36	01/12/22 17:14	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:14	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:14	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:14	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:14	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:14	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:14	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:14	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:14	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:14	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:14	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:14	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:14	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-20

Lab Sample ID: 680-209845-23

Date Collected: 01/05/22 13:20

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 17:50	1
Acrylonitrile	ND		50		ug/L			01/13/22 17:50	1
Benzene	ND		2.0		ug/L			01/13/22 17:50	1
Bromoform	ND		10		ug/L			01/13/22 17:50	1
Bromomethane	ND		10		ug/L			01/13/22 17:50	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 17:50	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 17:50	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 17:50	1
Chlorobenzene	ND		10		ug/L			01/13/22 17:50	1
Chlorobromomethane	ND		10		ug/L			01/13/22 17:50	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 17:50	1
Chloroethane	ND		5.0		ug/L			01/13/22 17:50	1
Chloroform	ND		2.0		ug/L			01/13/22 17:50	1
Chloromethane	ND		10		ug/L			01/13/22 17:50	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 17:50	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 17:50	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 17:50	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 17:50	1
Dibromomethane	ND		10		ug/L			01/13/22 17:50	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 17:50	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 17:50	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 17:50	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 17:50	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 17:50	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 17:50	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 17:50	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 17:50	1
2-Hexanone	ND		50		ug/L			01/13/22 17:50	1
Iodomethane	ND		100		ug/L			01/13/22 17:50	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 17:50	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 17:50	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 17:50	1
o-Xylene	ND		5.0		ug/L			01/13/22 17:50	1
Styrene	ND		10		ug/L			01/13/22 17:50	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 17:50	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 17:50	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 17:50	1
Toluene	ND		2.0		ug/L			01/13/22 17:50	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 17:50	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 17:50	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 17:50	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 17:50	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 17:50	1
Trichloroethene	ND		2.0		ug/L			01/13/22 17:50	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 17:50	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 17:50	1
Vinyl acetate	ND		100		ug/L			01/13/22 17:50	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 17:50	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 17:50	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-20
Date Collected: 01/05/22 13:20
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-23
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130		01/13/22 17:50	1
Dibromofluoromethane (Surr)	109		70 - 130		01/13/22 17:50	1
1,2-Dichloroethane-d4 (Surr)	109		60 - 124		01/13/22 17:50	1
Toluene-d8 (Surr)	104		70 - 130		01/13/22 17:50	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:22	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:22	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:22	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:22	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:22	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:22	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:22	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:22	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:22	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:22	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:22	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:22	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:22	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:22	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:22	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-21

Lab Sample ID: 680-209845-24

Date Collected: 01/06/22 09:55

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 18:14	1
Acrylonitrile	ND		50		ug/L			01/13/22 18:14	1
Benzene	ND		2.0		ug/L			01/13/22 18:14	1
Bromoform	ND		10		ug/L			01/13/22 18:14	1
Bromomethane	ND		10		ug/L			01/13/22 18:14	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 18:14	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 18:14	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 18:14	1
Chlorobenzene	ND		10		ug/L			01/13/22 18:14	1
Chlorobromomethane	ND		10		ug/L			01/13/22 18:14	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 18:14	1
Chloroethane	ND		5.0		ug/L			01/13/22 18:14	1
Chloroform	ND		2.0		ug/L			01/13/22 18:14	1
Chloromethane	ND		10		ug/L			01/13/22 18:14	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 18:14	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 18:14	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 18:14	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 18:14	1
Dibromomethane	ND		10		ug/L			01/13/22 18:14	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 18:14	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 18:14	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 18:14	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 18:14	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 18:14	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 18:14	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 18:14	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 18:14	1
2-Hexanone	ND		50		ug/L			01/13/22 18:14	1
Iodomethane	ND		100		ug/L			01/13/22 18:14	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 18:14	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 18:14	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 18:14	1
o-Xylene	ND		5.0		ug/L			01/13/22 18:14	1
Styrene	ND		10		ug/L			01/13/22 18:14	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 18:14	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 18:14	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 18:14	1
Toluene	ND		2.0		ug/L			01/13/22 18:14	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 18:14	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 18:14	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 18:14	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 18:14	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 18:14	1
Trichloroethene	ND		2.0		ug/L			01/13/22 18:14	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 18:14	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 18:14	1
Vinyl acetate	ND		100		ug/L			01/13/22 18:14	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 18:14	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 18:14	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-21
Date Collected: 01/06/22 09:55
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-24
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		01/13/22 18:14	1
Dibromofluoromethane (Surr)	102		70 - 130		01/13/22 18:14	1
1,2-Dichloroethane-d4 (Surr)	109		60 - 124		01/13/22 18:14	1
Toluene-d8 (Surr)	98		70 - 130		01/13/22 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		01/11/22 10:36	01/12/22 17:45	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:45	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:45	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:45	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:45	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:45	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:45	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:45	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:45	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:45	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:45	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:45	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:45	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:45	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:45	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-22

Lab Sample ID: 680-209845-25

Date Collected: 01/05/22 12:00

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 18:38	1
Acrylonitrile	ND		50		ug/L			01/13/22 18:38	1
Benzene	ND		2.0		ug/L			01/13/22 18:38	1
Bromoform	ND		10		ug/L			01/13/22 18:38	1
Bromomethane	ND		10		ug/L			01/13/22 18:38	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 18:38	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 18:38	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 18:38	1
Chlorobenzene	ND		10		ug/L			01/13/22 18:38	1
Chlorobromomethane	ND		10		ug/L			01/13/22 18:38	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 18:38	1
Chloroethane	ND		5.0		ug/L			01/13/22 18:38	1
Chloroform	ND		2.0		ug/L			01/13/22 18:38	1
Chloromethane	ND		10		ug/L			01/13/22 18:38	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 18:38	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 18:38	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 18:38	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 18:38	1
Dibromomethane	ND		10		ug/L			01/13/22 18:38	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 18:38	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 18:38	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 18:38	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 18:38	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 18:38	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 18:38	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 18:38	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 18:38	1
2-Hexanone	ND		50		ug/L			01/13/22 18:38	1
Iodomethane	ND		100		ug/L			01/13/22 18:38	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 18:38	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 18:38	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 18:38	1
o-Xylene	ND		5.0		ug/L			01/13/22 18:38	1
Styrene	ND		10		ug/L			01/13/22 18:38	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 18:38	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 18:38	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 18:38	1
Toluene	ND		2.0		ug/L			01/13/22 18:38	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 18:38	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 18:38	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 18:38	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 18:38	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 18:38	1
Trichloroethene	ND		2.0		ug/L			01/13/22 18:38	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 18:38	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 18:38	1
Vinyl acetate	ND		100		ug/L			01/13/22 18:38	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 18:38	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 18:38	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-22
Date Collected: 01/05/22 12:00
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-25
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		01/13/22 18:38	1
Dibromofluoromethane (Surr)	104		70 - 130		01/13/22 18:38	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 124		01/13/22 18:38	1
Toluene-d8 (Surr)	99		70 - 130		01/13/22 18:38	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:24	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:24	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:24	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:24	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:24	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:24	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:24	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:24	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:24	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:24	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:24	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:24	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:24	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:24	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:24	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-23

Lab Sample ID: 680-209845-26

Date Collected: 01/05/22 11:31

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 19:02	1
Acrylonitrile	ND		50		ug/L			01/13/22 19:02	1
Benzene	ND		2.0		ug/L			01/13/22 19:02	1
Bromoform	ND		10		ug/L			01/13/22 19:02	1
Bromomethane	ND		10		ug/L			01/13/22 19:02	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 19:02	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 19:02	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 19:02	1
Chlorobenzene	ND		10		ug/L			01/13/22 19:02	1
Chlorobromomethane	ND		10		ug/L			01/13/22 19:02	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 19:02	1
Chloroethane	ND		5.0		ug/L			01/13/22 19:02	1
Chloroform	ND		2.0		ug/L			01/13/22 19:02	1
Chloromethane	ND		10		ug/L			01/13/22 19:02	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 19:02	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 19:02	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 19:02	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 19:02	1
Dibromomethane	ND		10		ug/L			01/13/22 19:02	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 19:02	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 19:02	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 19:02	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 19:02	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 19:02	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 19:02	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 19:02	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 19:02	1
2-Hexanone	ND		50		ug/L			01/13/22 19:02	1
Iodomethane	ND		100		ug/L			01/13/22 19:02	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 19:02	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 19:02	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 19:02	1
o-Xylene	ND		5.0		ug/L			01/13/22 19:02	1
Styrene	ND		10		ug/L			01/13/22 19:02	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 19:02	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 19:02	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 19:02	1
Toluene	ND		2.0		ug/L			01/13/22 19:02	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 19:02	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 19:02	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 19:02	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 19:02	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 19:02	1
Trichloroethene	ND		2.0		ug/L			01/13/22 19:02	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 19:02	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 19:02	1
Vinyl acetate	ND		100		ug/L			01/13/22 19:02	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 19:02	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 19:02	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-23

Lab Sample ID: 680-209845-26

Date Collected: 01/05/22 11:31

Matrix: Ground Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130		01/13/22 19:02	1
Dibromofluoromethane (Surr)	105		70 - 130		01/13/22 19:02	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 124		01/13/22 19:02	1
Toluene-d8 (Surr)	99		70 - 130		01/13/22 19:02	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:27	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:27	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:27	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:27	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:27	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:27	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:27	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:27	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:27	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:27	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:27	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:27	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:27	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:27	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:27	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-24

Lab Sample ID: 680-209845-27

Date Collected: 01/05/22 11:04

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 19:26	1
Acrylonitrile	ND		50		ug/L			01/13/22 19:26	1
Benzene	ND		2.0		ug/L			01/13/22 19:26	1
Bromoform	ND		10		ug/L			01/13/22 19:26	1
Bromomethane	ND		10		ug/L			01/13/22 19:26	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 19:26	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 19:26	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 19:26	1
Chlorobenzene	ND		10		ug/L			01/13/22 19:26	1
Chlorobromomethane	ND		10		ug/L			01/13/22 19:26	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 19:26	1
Chloroethane	ND		5.0		ug/L			01/13/22 19:26	1
Chloroform	ND		2.0		ug/L			01/13/22 19:26	1
Chloromethane	ND		10		ug/L			01/13/22 19:26	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 19:26	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 19:26	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 19:26	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 19:26	1
Dibromomethane	ND		10		ug/L			01/13/22 19:26	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 19:26	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 19:26	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 19:26	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 19:26	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 19:26	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 19:26	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 19:26	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 19:26	1
2-Hexanone	ND		50		ug/L			01/13/22 19:26	1
Iodomethane	ND		100		ug/L			01/13/22 19:26	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 19:26	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 19:26	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 19:26	1
o-Xylene	ND		5.0		ug/L			01/13/22 19:26	1
Styrene	ND		10		ug/L			01/13/22 19:26	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 19:26	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 19:26	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 19:26	1
Toluene	ND		2.0		ug/L			01/13/22 19:26	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 19:26	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 19:26	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 19:26	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 19:26	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 19:26	1
Trichloroethene	ND		2.0		ug/L			01/13/22 19:26	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 19:26	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 19:26	1
Vinyl acetate	ND		100		ug/L			01/13/22 19:26	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 19:26	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 19:26	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-24
Date Collected: 01/05/22 11:04
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-27
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		01/13/22 19:26	1
Dibromofluoromethane (Surr)	103		70 - 130		01/13/22 19:26	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 124		01/13/22 19:26	1
Toluene-d8 (Surr)	99		70 - 130		01/13/22 19:26	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:30	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:30	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:30	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:30	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:30	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:30	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:30	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:30	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:30	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:30	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:30	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:30	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:30	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:30	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:30	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-25

Lab Sample ID: 680-209845-28

Date Collected: 01/05/22 10:30

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 19:50	1
Acrylonitrile	ND		50		ug/L			01/13/22 19:50	1
Benzene	ND		2.0		ug/L			01/13/22 19:50	1
Bromoform	ND		10		ug/L			01/13/22 19:50	1
Bromomethane	ND		10		ug/L			01/13/22 19:50	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 19:50	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 19:50	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 19:50	1
Chlorobenzene	ND		10		ug/L			01/13/22 19:50	1
Chlorobromomethane	ND		10		ug/L			01/13/22 19:50	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 19:50	1
Chloroethane	ND		5.0		ug/L			01/13/22 19:50	1
Chloroform	ND		2.0		ug/L			01/13/22 19:50	1
Chloromethane	ND		10		ug/L			01/13/22 19:50	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 19:50	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 19:50	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 19:50	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 19:50	1
Dibromomethane	ND		10		ug/L			01/13/22 19:50	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 19:50	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 19:50	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 19:50	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 19:50	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 19:50	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 19:50	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 19:50	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 19:50	1
2-Hexanone	ND		50		ug/L			01/13/22 19:50	1
Iodomethane	ND		100		ug/L			01/13/22 19:50	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 19:50	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 19:50	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 19:50	1
o-Xylene	ND		5.0		ug/L			01/13/22 19:50	1
Styrene	ND		10		ug/L			01/13/22 19:50	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 19:50	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 19:50	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 19:50	1
Toluene	ND		2.0		ug/L			01/13/22 19:50	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 19:50	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 19:50	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 19:50	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 19:50	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 19:50	1
Trichloroethene	ND		2.0		ug/L			01/13/22 19:50	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 19:50	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 19:50	1
Vinyl acetate	ND		100		ug/L			01/13/22 19:50	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 19:50	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 19:50	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-25
Date Collected: 01/05/22 10:30
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-28
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130		01/13/22 19:50	1
Dibromofluoromethane (Surr)	103		70 - 130		01/13/22 19:50	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 124		01/13/22 19:50	1
Toluene-d8 (Surr)	99		70 - 130		01/13/22 19:50	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:32	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:32	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:32	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:32	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:32	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:32	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:32	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:32	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:32	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:32	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:32	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:32	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:32	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:32	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:32	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-26

Lab Sample ID: 680-209845-29

Date Collected: 01/05/22 09:56

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 20:14	1
Acrylonitrile	ND		50		ug/L			01/13/22 20:14	1
Benzene	ND		2.0		ug/L			01/13/22 20:14	1
Bromoform	ND		10		ug/L			01/13/22 20:14	1
Bromomethane	ND		10		ug/L			01/13/22 20:14	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 20:14	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 20:14	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 20:14	1
Chlorobenzene	ND		10		ug/L			01/13/22 20:14	1
Chlorobromomethane	ND		10		ug/L			01/13/22 20:14	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 20:14	1
Chloroethane	ND		5.0		ug/L			01/13/22 20:14	1
Chloroform	ND		2.0		ug/L			01/13/22 20:14	1
Chloromethane	ND		10		ug/L			01/13/22 20:14	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 20:14	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 20:14	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 20:14	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 20:14	1
Dibromomethane	ND		10		ug/L			01/13/22 20:14	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 20:14	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 20:14	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 20:14	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 20:14	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 20:14	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 20:14	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 20:14	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 20:14	1
2-Hexanone	ND		50		ug/L			01/13/22 20:14	1
Iodomethane	ND		100		ug/L			01/13/22 20:14	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 20:14	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 20:14	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 20:14	1
o-Xylene	ND		5.0		ug/L			01/13/22 20:14	1
Styrene	ND		10		ug/L			01/13/22 20:14	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 20:14	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 20:14	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 20:14	1
Toluene	ND		2.0		ug/L			01/13/22 20:14	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 20:14	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 20:14	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 20:14	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 20:14	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 20:14	1
Trichloroethene	ND		2.0		ug/L			01/13/22 20:14	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 20:14	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 20:14	1
Vinyl acetate	ND		100		ug/L			01/13/22 20:14	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 20:14	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 20:14	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-26
Date Collected: 01/05/22 09:56
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-29
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130		01/13/22 20:14	1
Dibromofluoromethane (Surr)	103		70 - 130		01/13/22 20:14	1
1,2-Dichloroethane-d4 (Surr)	108		60 - 124		01/13/22 20:14	1
Toluene-d8 (Surr)	97		70 - 130		01/13/22 20:14	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:35	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:35	1
Barium	0.022		0.020		mg/L		01/11/22 10:36	01/12/22 17:35	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:35	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:35	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:35	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:35	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:35	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:35	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:35	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:35	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:35	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:35	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:35	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:35	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-27

Lab Sample ID: 680-209845-30

Date Collected: 01/04/22 14:20

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 17:08	1
Acrylonitrile	ND		50		ug/L			01/12/22 17:08	1
Benzene	ND		2.0		ug/L			01/12/22 17:08	1
Bromoform	ND		10		ug/L			01/12/22 17:08	1
Bromomethane	ND		10		ug/L			01/12/22 17:08	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 17:08	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 17:08	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 17:08	1
Chlorobenzene	ND		10		ug/L			01/12/22 17:08	1
Chlorobromomethane	ND		10		ug/L			01/12/22 17:08	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 17:08	1
Chloroethane	ND		5.0		ug/L			01/12/22 17:08	1
Chloroform	ND		2.0		ug/L			01/12/22 17:08	1
Chloromethane	ND		10		ug/L			01/12/22 17:08	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:08	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:08	1
1,2-Dibromo-3-Chloropropane	ND	*	25		ug/L			01/12/22 17:08	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 17:08	1
Dibromomethane	ND		10		ug/L			01/12/22 17:08	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 17:08	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 17:08	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 17:08	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 17:08	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 17:08	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 17:08	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 17:08	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 17:08	1
2-Hexanone	ND		50		ug/L			01/12/22 17:08	1
Iodomethane	ND		100		ug/L			01/12/22 17:08	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 17:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 17:08	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 17:08	1
o-Xylene	ND		5.0		ug/L			01/12/22 17:08	1
Styrene	ND		10		ug/L			01/12/22 17:08	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:08	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:08	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 17:08	1
Toluene	ND		2.0		ug/L			01/12/22 17:08	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 17:08	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:08	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:08	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 17:08	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 17:08	1
Trichloroethene	ND		2.0		ug/L			01/12/22 17:08	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 17:08	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 17:08	1
Vinyl acetate	ND		100		ug/L			01/12/22 17:08	1
Vinyl chloride	ND	*+	2.0		ug/L			01/12/22 17:08	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 17:08	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-27
Date Collected: 01/04/22 14:20
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-30
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130		01/12/22 17:08	1
Dibromofluoromethane (Surr)	108		70 - 130		01/12/22 17:08	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		01/12/22 17:08	1
Toluene-d8 (Surr)	114		70 - 130		01/12/22 17:08	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:15	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:15	1
Barium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:15	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:15	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:15	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:15	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:15	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:15	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:15	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:15	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:15	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:15	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:15	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:15	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:15	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-28

Lab Sample ID: 680-209845-31

Date Collected: 01/04/22 14:51

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 17:32	1
Acrylonitrile	ND		50		ug/L			01/12/22 17:32	1
Benzene	ND		2.0		ug/L			01/12/22 17:32	1
Bromoform	ND		10		ug/L			01/12/22 17:32	1
Bromomethane	ND		10		ug/L			01/12/22 17:32	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 17:32	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 17:32	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 17:32	1
Chlorobenzene	ND		10		ug/L			01/12/22 17:32	1
Chlorobromomethane	ND		10		ug/L			01/12/22 17:32	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 17:32	1
Chloroethane	ND		5.0		ug/L			01/12/22 17:32	1
Chloroform	ND		2.0		ug/L			01/12/22 17:32	1
Chloromethane	ND		10		ug/L			01/12/22 17:32	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:32	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:32	1
1,2-Dibromo-3-Chloropropane	ND	*	25		ug/L			01/12/22 17:32	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 17:32	1
Dibromomethane	ND		10		ug/L			01/12/22 17:32	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 17:32	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 17:32	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 17:32	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 17:32	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 17:32	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 17:32	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 17:32	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 17:32	1
2-Hexanone	ND		50		ug/L			01/12/22 17:32	1
Iodomethane	ND		100		ug/L			01/12/22 17:32	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 17:32	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 17:32	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 17:32	1
o-Xylene	ND		5.0		ug/L			01/12/22 17:32	1
Styrene	ND		10		ug/L			01/12/22 17:32	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:32	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:32	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 17:32	1
Toluene	ND		2.0		ug/L			01/12/22 17:32	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 17:32	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:32	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:32	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 17:32	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 17:32	1
Trichloroethene	ND		2.0		ug/L			01/12/22 17:32	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 17:32	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 17:32	1
Vinyl acetate	ND		100		ug/L			01/12/22 17:32	1
Vinyl chloride	ND	*+	2.0		ug/L			01/12/22 17:32	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 17:32	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-28

Lab Sample ID: 680-209845-31

Date Collected: 01/04/22 14:51

Matrix: Ground Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130		01/12/22 17:32	1
Dibromofluoromethane (Surr)	109		70 - 130		01/12/22 17:32	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		01/12/22 17:32	1
Toluene-d8 (Surr)	112		70 - 130		01/12/22 17:32	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:18	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:18	1
Barium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:18	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:18	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:18	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:18	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:18	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:18	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:18	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:18	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:18	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:18	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:18	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:18	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:18	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-29

Lab Sample ID: 680-209845-32

Date Collected: 01/04/22 15:18

Matrix: Ground Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 17:56	1
Acrylonitrile	ND		50		ug/L			01/12/22 17:56	1
Benzene	ND		2.0		ug/L			01/12/22 17:56	1
Bromoform	ND		10		ug/L			01/12/22 17:56	1
Bromomethane	ND		10		ug/L			01/12/22 17:56	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 17:56	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 17:56	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 17:56	1
Chlorobenzene	ND		10		ug/L			01/12/22 17:56	1
Chlorobromomethane	ND		10		ug/L			01/12/22 17:56	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 17:56	1
Chloroethane	ND		5.0		ug/L			01/12/22 17:56	1
Chloroform	ND		2.0		ug/L			01/12/22 17:56	1
Chloromethane	ND		10		ug/L			01/12/22 17:56	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:56	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:56	1
1,2-Dibromo-3-Chloropropane	ND	*	25		ug/L			01/12/22 17:56	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 17:56	1
Dibromomethane	ND		10		ug/L			01/12/22 17:56	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 17:56	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 17:56	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 17:56	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 17:56	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 17:56	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 17:56	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 17:56	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 17:56	1
2-Hexanone	ND		50		ug/L			01/12/22 17:56	1
Iodomethane	ND		100		ug/L			01/12/22 17:56	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 17:56	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 17:56	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 17:56	1
o-Xylene	ND		5.0		ug/L			01/12/22 17:56	1
Styrene	ND		10		ug/L			01/12/22 17:56	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:56	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 17:56	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 17:56	1
Toluene	ND		2.0		ug/L			01/12/22 17:56	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 17:56	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 17:56	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 17:56	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 17:56	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 17:56	1
Trichloroethene	ND		2.0		ug/L			01/12/22 17:56	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 17:56	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 17:56	1
Vinyl acetate	ND		100		ug/L			01/12/22 17:56	1
Vinyl chloride	ND	+	2.0		ug/L			01/12/22 17:56	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 17:56	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-29
Date Collected: 01/04/22 15:18
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-32
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130		01/12/22 17:56	1
Dibromofluoromethane (Surr)	111		70 - 130		01/12/22 17:56	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		01/12/22 17:56	1
Toluene-d8 (Surr)	113		70 - 130		01/12/22 17:56	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:25	1
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:25	1
Barium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:25	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:25	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:25	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:25	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:25	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:25	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:25	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:25	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:25	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:25	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:25	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:25	1
Zinc	0.030		0.020		mg/L		01/11/22 10:01	01/12/22 16:25	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: Field Blank

Lab Sample ID: 680-209845-33

Date Collected: 01/06/22 10:40

Matrix: Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 14:15	1
Acrylonitrile	ND		50		ug/L			01/13/22 14:15	1
Benzene	ND		2.0		ug/L			01/13/22 14:15	1
Bromoform	ND		10		ug/L			01/13/22 14:15	1
Bromomethane	ND		10		ug/L			01/13/22 14:15	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 14:15	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 14:15	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 14:15	1
Chlorobenzene	ND		10		ug/L			01/13/22 14:15	1
Chlorobromomethane	ND		10		ug/L			01/13/22 14:15	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 14:15	1
Chloroethane	ND		5.0		ug/L			01/13/22 14:15	1
Chloroform	ND		2.0		ug/L			01/13/22 14:15	1
Chloromethane	ND		10		ug/L			01/13/22 14:15	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 14:15	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 14:15	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 14:15	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 14:15	1
Dibromomethane	ND		10		ug/L			01/13/22 14:15	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 14:15	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 14:15	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 14:15	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 14:15	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 14:15	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 14:15	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 14:15	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 14:15	1
2-Hexanone	ND		50		ug/L			01/13/22 14:15	1
Iodomethane	ND		100		ug/L			01/13/22 14:15	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 14:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 14:15	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 14:15	1
o-Xylene	ND		5.0		ug/L			01/13/22 14:15	1
Styrene	ND		10		ug/L			01/13/22 14:15	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 14:15	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 14:15	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 14:15	1
Toluene	ND		2.0		ug/L			01/13/22 14:15	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 14:15	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 14:15	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 14:15	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 14:15	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 14:15	1
Trichloroethene	ND		2.0		ug/L			01/13/22 14:15	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 14:15	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 14:15	1
Vinyl acetate	ND		100		ug/L			01/13/22 14:15	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 14:15	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 14:15	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: Field Blank

Lab Sample ID: 680-209845-33

Date Collected: 01/06/22 10:40

Matrix: Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130		01/13/22 14:15	1
Dibromofluoromethane (Surr)	107		70 - 130		01/13/22 14:15	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 124		01/13/22 14:15	1
Toluene-d8 (Surr)	103		70 - 130		01/13/22 14:15	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:53	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:53	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:53	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:53	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:53	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:53	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:53	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:53	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:53	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:53	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:53	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:53	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:53	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:53	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:53	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-1

Lab Sample ID: 680-209845-34

Date Collected: 01/06/22 08:38

Matrix: Surface Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/14/22 14:42	1
Acrylonitrile	ND		50		ug/L			01/14/22 14:42	1
Benzene	ND		2.0		ug/L			01/14/22 14:42	1
Bromoform	ND		10		ug/L			01/14/22 14:42	1
Bromomethane	ND		10		ug/L			01/14/22 14:42	1
2-Butanone (MEK)	ND		100		ug/L			01/14/22 14:42	1
Carbon disulfide	ND		5.0		ug/L			01/14/22 14:42	1
Carbon tetrachloride	ND		2.0		ug/L			01/14/22 14:42	1
Chlorobenzene	ND		10		ug/L			01/14/22 14:42	1
Chlorobromomethane	ND		10		ug/L			01/14/22 14:42	1
Chlorodibromomethane	ND		10		ug/L			01/14/22 14:42	1
Chloroethane	ND		5.0		ug/L			01/14/22 14:42	1
Chloroform	ND		2.0		ug/L			01/14/22 14:42	1
Chloromethane	ND		10		ug/L			01/14/22 14:42	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 14:42	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 14:42	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/14/22 14:42	1
1,2-Dibromoethane	ND		5.0		ug/L			01/14/22 14:42	1
Dibromomethane	ND		10		ug/L			01/14/22 14:42	1
1,2-Dichlorobenzene	ND		10		ug/L			01/14/22 14:42	1
1,4-Dichlorobenzene	ND		10		ug/L			01/14/22 14:42	1
Dichlorobromomethane	ND		10		ug/L			01/14/22 14:42	1
1,1-Dichloroethane	ND		2.0		ug/L			01/14/22 14:42	1
1,2-Dichloroethane	ND		2.0		ug/L			01/14/22 14:42	1
1,1-Dichloroethene	ND		2.0		ug/L			01/14/22 14:42	1
1,2-Dichloropropane	ND		2.0		ug/L			01/14/22 14:42	1
Ethylbenzene	ND		2.0		ug/L			01/14/22 14:42	1
2-Hexanone	ND		50		ug/L			01/14/22 14:42	1
Iodomethane	ND		100		ug/L			01/14/22 14:42	1
Methylene Chloride	ND		5.0		ug/L			01/14/22 14:42	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/14/22 14:42	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/14/22 14:42	1
o-Xylene	ND		5.0		ug/L			01/14/22 14:42	1
Styrene	ND		10		ug/L			01/14/22 14:42	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 14:42	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 14:42	1
Tetrachloroethene	ND		2.0		ug/L			01/14/22 14:42	1
Toluene	ND		2.0		ug/L			01/14/22 14:42	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/14/22 14:42	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 14:42	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 14:42	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/14/22 14:42	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/14/22 14:42	1
Trichloroethene	ND		2.0		ug/L			01/14/22 14:42	1
Trichlorofluoromethane	ND		10		ug/L			01/14/22 14:42	1
1,2,3-Trichloropropane	ND		10		ug/L			01/14/22 14:42	1
Vinyl acetate	ND		100		ug/L			01/14/22 14:42	1
Vinyl chloride	ND		2.0		ug/L			01/14/22 14:42	1
Xylenes, Total	ND		5.0		ug/L			01/14/22 14:42	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-1

Lab Sample ID: 680-209845-34

Date Collected: 01/06/22 08:38

Matrix: Surface Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130		01/14/22 14:42	1
Dibromofluoromethane (Surr)	104		70 - 130		01/14/22 14:42	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 124		01/14/22 14:42	1
Toluene-d8 (Surr)	101		70 - 130		01/14/22 14:42	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:55	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:55	1
Barium	0.057		0.020		mg/L		01/11/22 10:36	01/12/22 17:55	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:55	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:55	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:55	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:55	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:55	1
Lead	0.019		0.015		mg/L		01/11/22 10:36	01/12/22 17:55	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:55	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:55	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:55	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:55	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:55	1
Zinc	0.030		0.020		mg/L		01/11/22 10:36	01/12/22 17:55	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-2

Lab Sample ID: 680-209845-35

Date Collected: 01/06/22 08:48

Matrix: Surface Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/14/22 16:40	1
Acrylonitrile	ND		50		ug/L			01/14/22 16:40	1
Benzene	ND		2.0		ug/L			01/14/22 16:40	1
Bromoform	ND		10		ug/L			01/14/22 16:40	1
Bromomethane	ND		10		ug/L			01/14/22 16:40	1
2-Butanone (MEK)	ND		100		ug/L			01/14/22 16:40	1
Carbon disulfide	ND		5.0		ug/L			01/14/22 16:40	1
Carbon tetrachloride	ND		2.0		ug/L			01/14/22 16:40	1
Chlorobenzene	ND		10		ug/L			01/14/22 16:40	1
Chlorobromomethane	ND		10		ug/L			01/14/22 16:40	1
Chlorodibromomethane	ND		10		ug/L			01/14/22 16:40	1
Chloroethane	ND		5.0		ug/L			01/14/22 16:40	1
Chloroform	ND		2.0		ug/L			01/14/22 16:40	1
Chloromethane	ND		10		ug/L			01/14/22 16:40	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 16:40	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 16:40	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/14/22 16:40	1
1,2-Dibromoethane	ND		5.0		ug/L			01/14/22 16:40	1
Dibromomethane	ND		10		ug/L			01/14/22 16:40	1
1,2-Dichlorobenzene	ND		10		ug/L			01/14/22 16:40	1
1,4-Dichlorobenzene	ND		10		ug/L			01/14/22 16:40	1
Dichlorobromomethane	ND		10		ug/L			01/14/22 16:40	1
1,1-Dichloroethane	ND		2.0		ug/L			01/14/22 16:40	1
1,2-Dichloroethane	ND		2.0		ug/L			01/14/22 16:40	1
1,1-Dichloroethene	ND		2.0		ug/L			01/14/22 16:40	1
1,2-Dichloropropane	ND		2.0		ug/L			01/14/22 16:40	1
Ethylbenzene	ND		2.0		ug/L			01/14/22 16:40	1
2-Hexanone	ND		50		ug/L			01/14/22 16:40	1
Iodomethane	ND		100		ug/L			01/14/22 16:40	1
Methylene Chloride	ND		5.0		ug/L			01/14/22 16:40	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/14/22 16:40	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/14/22 16:40	1
o-Xylene	ND		5.0		ug/L			01/14/22 16:40	1
Styrene	ND		10		ug/L			01/14/22 16:40	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 16:40	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 16:40	1
Tetrachloroethene	ND		2.0		ug/L			01/14/22 16:40	1
Toluene	ND		2.0		ug/L			01/14/22 16:40	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/14/22 16:40	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 16:40	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 16:40	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/14/22 16:40	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/14/22 16:40	1
Trichloroethene	ND		2.0		ug/L			01/14/22 16:40	1
Trichlorofluoromethane	ND		10		ug/L			01/14/22 16:40	1
1,2,3-Trichloropropane	ND		10		ug/L			01/14/22 16:40	1
Vinyl acetate	ND		100		ug/L			01/14/22 16:40	1
Vinyl chloride	ND		2.0		ug/L			01/14/22 16:40	1
Xylenes, Total	ND		5.0		ug/L			01/14/22 16:40	1

Eurofins Savannah

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-2
Date Collected: 01/06/22 08:48
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-35
Matrix: Surface Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		01/14/22 16:40	1
Dibromofluoromethane (Surr)	105		70 - 130		01/14/22 16:40	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 124		01/14/22 16:40	1
Toluene-d8 (Surr)	103		70 - 130		01/14/22 16:40	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:58	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:58	1
Barium	0.032		0.020		mg/L		01/11/22 10:36	01/12/22 17:58	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:58	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:58	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:58	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 17:58	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:58	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:58	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:58	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:58	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:58	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:58	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:58	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:58	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-5

Lab Sample ID: 680-209845-36

Date Collected: 01/04/22 12:32

Matrix: Surface Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 18:19	1
Acrylonitrile	ND		50		ug/L			01/12/22 18:19	1
Benzene	ND		2.0		ug/L			01/12/22 18:19	1
Bromoform	ND		10		ug/L			01/12/22 18:19	1
Bromomethane	ND		10		ug/L			01/12/22 18:19	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 18:19	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 18:19	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 18:19	1
Chlorobenzene	ND		10		ug/L			01/12/22 18:19	1
Chlorobromomethane	ND		10		ug/L			01/12/22 18:19	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 18:19	1
Chloroethane	ND		5.0		ug/L			01/12/22 18:19	1
Chloroform	ND		2.0		ug/L			01/12/22 18:19	1
Chloromethane	ND		10		ug/L			01/12/22 18:19	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 18:19	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 18:19	1
1,2-Dibromo-3-Chloropropane	ND	*	25		ug/L			01/12/22 18:19	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 18:19	1
Dibromomethane	ND		10		ug/L			01/12/22 18:19	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 18:19	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 18:19	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 18:19	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 18:19	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 18:19	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 18:19	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 18:19	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 18:19	1
2-Hexanone	ND		50		ug/L			01/12/22 18:19	1
Iodomethane	ND		100		ug/L			01/12/22 18:19	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 18:19	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 18:19	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 18:19	1
o-Xylene	ND		5.0		ug/L			01/12/22 18:19	1
Styrene	ND		10		ug/L			01/12/22 18:19	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 18:19	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 18:19	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 18:19	1
Toluene	ND		2.0		ug/L			01/12/22 18:19	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 18:19	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 18:19	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 18:19	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 18:19	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 18:19	1
Trichloroethene	ND		2.0		ug/L			01/12/22 18:19	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 18:19	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 18:19	1
Vinyl acetate	ND		100		ug/L			01/12/22 18:19	1
Vinyl chloride	ND	*+	2.0		ug/L			01/12/22 18:19	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 18:19	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-5
Date Collected: 01/04/22 12:32
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-36
Matrix: Surface Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130		01/12/22 18:19	1
Dibromofluoromethane (Surr)	114		70 - 130		01/12/22 18:19	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		01/12/22 18:19	1
Toluene-d8 (Surr)	110		70 - 130		01/12/22 18:19	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 16:28	1
Arsenic	0.037		0.010		mg/L		01/11/22 10:01	01/12/22 16:28	1
Barium	0.049		0.020		mg/L		01/11/22 10:01	01/12/22 16:28	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 16:28	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 16:28	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:28	1
Cobalt	0.010		0.0060		mg/L		01/11/22 10:01	01/12/22 16:28	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:28	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 16:28	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:28	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:28	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 16:28	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 16:28	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:28	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 16:28	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-6

Lab Sample ID: 680-209845-37

Date Collected: 01/05/22 14:46

Matrix: Surface Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/13/22 20:38	1
Acrylonitrile	ND		50		ug/L			01/13/22 20:38	1
Benzene	ND		2.0		ug/L			01/13/22 20:38	1
Bromoform	ND		10		ug/L			01/13/22 20:38	1
Bromomethane	ND		10		ug/L			01/13/22 20:38	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 20:38	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 20:38	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 20:38	1
Chlorobenzene	ND		10		ug/L			01/13/22 20:38	1
Chlorobromomethane	ND		10		ug/L			01/13/22 20:38	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 20:38	1
Chloroethane	ND		5.0		ug/L			01/13/22 20:38	1
Chloroform	ND		2.0		ug/L			01/13/22 20:38	1
Chloromethane	ND		10		ug/L			01/13/22 20:38	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 20:38	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 20:38	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 20:38	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 20:38	1
Dibromomethane	ND		10		ug/L			01/13/22 20:38	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 20:38	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 20:38	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 20:38	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 20:38	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 20:38	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 20:38	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 20:38	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 20:38	1
2-Hexanone	ND		50		ug/L			01/13/22 20:38	1
Iodomethane	ND		100		ug/L			01/13/22 20:38	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 20:38	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 20:38	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 20:38	1
o-Xylene	ND		5.0		ug/L			01/13/22 20:38	1
Styrene	ND		10		ug/L			01/13/22 20:38	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 20:38	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 20:38	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 20:38	1
Toluene	ND		2.0		ug/L			01/13/22 20:38	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 20:38	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 20:38	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 20:38	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 20:38	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 20:38	1
Trichloroethene	ND		2.0		ug/L			01/13/22 20:38	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 20:38	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 20:38	1
Vinyl acetate	ND		100		ug/L			01/13/22 20:38	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 20:38	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 20:38	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-6

Lab Sample ID: 680-209845-37

Date Collected: 01/05/22 14:46

Matrix: Surface Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130		01/13/22 20:38	1
Dibromofluoromethane (Surr)	104		70 - 130		01/13/22 20:38	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 124		01/13/22 20:38	1
Toluene-d8 (Surr)	99		70 - 130		01/13/22 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		01/11/22 10:36	01/12/22 17:37	1
Arsenic	0.064		0.010		mg/L		01/11/22 10:36	01/12/22 17:37	1
Barium	0.049		0.020		mg/L		01/11/22 10:36	01/12/22 17:37	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 17:37	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 17:37	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:37	1
Cobalt	0.0064		0.0060		mg/L		01/11/22 10:36	01/12/22 17:37	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:37	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 17:37	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:37	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:37	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 17:37	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 17:37	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:37	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 17:37	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-7

Lab Sample ID: 680-209845-38

Date Collected: 01/06/22 09:02

Matrix: Surface Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/14/22 17:00	1
Acrylonitrile	ND		50		ug/L			01/14/22 17:00	1
Benzene	ND		2.0		ug/L			01/14/22 17:00	1
Bromoform	ND		10		ug/L			01/14/22 17:00	1
Bromomethane	ND		10		ug/L			01/14/22 17:00	1
2-Butanone (MEK)	ND		100		ug/L			01/14/22 17:00	1
Carbon disulfide	ND		5.0		ug/L			01/14/22 17:00	1
Carbon tetrachloride	ND		2.0		ug/L			01/14/22 17:00	1
Chlorobenzene	ND		10		ug/L			01/14/22 17:00	1
Chlorobromomethane	ND		10		ug/L			01/14/22 17:00	1
Chlorodibromomethane	ND		10		ug/L			01/14/22 17:00	1
Chloroethane	ND		5.0		ug/L			01/14/22 17:00	1
Chloroform	ND		2.0		ug/L			01/14/22 17:00	1
Chloromethane	ND		10		ug/L			01/14/22 17:00	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 17:00	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 17:00	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/14/22 17:00	1
1,2-Dibromoethane	ND		5.0		ug/L			01/14/22 17:00	1
Dibromomethane	ND		10		ug/L			01/14/22 17:00	1
1,2-Dichlorobenzene	ND		10		ug/L			01/14/22 17:00	1
1,4-Dichlorobenzene	ND		10		ug/L			01/14/22 17:00	1
Dichlorobromomethane	ND		10		ug/L			01/14/22 17:00	1
1,1-Dichloroethane	ND		2.0		ug/L			01/14/22 17:00	1
1,2-Dichloroethane	ND		2.0		ug/L			01/14/22 17:00	1
1,1-Dichloroethene	ND		2.0		ug/L			01/14/22 17:00	1
1,2-Dichloropropane	ND		2.0		ug/L			01/14/22 17:00	1
Ethylbenzene	ND		2.0		ug/L			01/14/22 17:00	1
2-Hexanone	ND		50		ug/L			01/14/22 17:00	1
Iodomethane	ND		100		ug/L			01/14/22 17:00	1
Methylene Chloride	ND		5.0		ug/L			01/14/22 17:00	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/14/22 17:00	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/14/22 17:00	1
o-Xylene	ND		5.0		ug/L			01/14/22 17:00	1
Styrene	ND		10		ug/L			01/14/22 17:00	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 17:00	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 17:00	1
Tetrachloroethene	ND		2.0		ug/L			01/14/22 17:00	1
Toluene	ND		2.0		ug/L			01/14/22 17:00	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/14/22 17:00	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 17:00	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 17:00	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/14/22 17:00	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/14/22 17:00	1
Trichloroethene	ND		2.0		ug/L			01/14/22 17:00	1
Trichlorofluoromethane	ND		10		ug/L			01/14/22 17:00	1
1,2,3-Trichloropropane	ND		10		ug/L			01/14/22 17:00	1
Vinyl acetate	ND		100		ug/L			01/14/22 17:00	1
Vinyl chloride	ND		2.0		ug/L			01/14/22 17:00	1
Xylenes, Total	ND		5.0		ug/L			01/14/22 17:00	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-7
Date Collected: 01/06/22 09:02
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-38
Matrix: Surface Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130		01/14/22 17:00	1
Dibromofluoromethane (Surr)	105		70 - 130		01/14/22 17:00	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 124		01/14/22 17:00	1
Toluene-d8 (Surr)	100		70 - 130		01/14/22 17:00	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 18:00	1
Arsenic	0.097		0.010		mg/L		01/11/22 10:36	01/12/22 18:00	1
Barium	0.029		0.020		mg/L		01/11/22 10:36	01/12/22 18:00	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 18:00	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 18:00	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 18:00	1
Cobalt	0.036		0.0060		mg/L		01/11/22 10:36	01/12/22 18:00	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:00	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 18:00	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:00	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 18:00	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 18:00	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 18:00	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:00	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:00	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-8

Lab Sample ID: 680-209845-39

Date Collected: 01/06/22 09:35

Matrix: Surface Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/14/22 18:32	1
Acrylonitrile	ND		50		ug/L			01/14/22 18:32	1
Benzene	ND		2.0		ug/L			01/14/22 18:32	1
Bromoform	ND		10		ug/L			01/14/22 18:32	1
Bromomethane	ND		10		ug/L			01/14/22 18:32	1
2-Butanone (MEK)	ND		100		ug/L			01/14/22 18:32	1
Carbon disulfide	ND		5.0		ug/L			01/14/22 18:32	1
Carbon tetrachloride	ND		2.0		ug/L			01/14/22 18:32	1
Chlorobenzene	ND		10		ug/L			01/14/22 18:32	1
Chlorobromomethane	ND		10		ug/L			01/14/22 18:32	1
Chlorodibromomethane	ND		10		ug/L			01/14/22 18:32	1
Chloroethane	ND		5.0		ug/L			01/14/22 18:32	1
Chloroform	ND		2.0		ug/L			01/14/22 18:32	1
Chloromethane	ND		10		ug/L			01/14/22 18:32	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 18:32	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 18:32	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/14/22 18:32	1
1,2-Dibromoethane	ND		5.0		ug/L			01/14/22 18:32	1
Dibromomethane	ND		10		ug/L			01/14/22 18:32	1
1,2-Dichlorobenzene	ND		10		ug/L			01/14/22 18:32	1
1,4-Dichlorobenzene	ND		10		ug/L			01/14/22 18:32	1
Dichlorobromomethane	ND		10		ug/L			01/14/22 18:32	1
1,1-Dichloroethane	ND		2.0		ug/L			01/14/22 18:32	1
1,2-Dichloroethane	ND		2.0		ug/L			01/14/22 18:32	1
1,1-Dichloroethene	ND		2.0		ug/L			01/14/22 18:32	1
1,2-Dichloropropane	ND		2.0		ug/L			01/14/22 18:32	1
Ethylbenzene	ND		2.0		ug/L			01/14/22 18:32	1
2-Hexanone	ND		50		ug/L			01/14/22 18:32	1
Iodomethane	ND		100		ug/L			01/14/22 18:32	1
Methylene Chloride	ND		5.0		ug/L			01/14/22 18:32	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/14/22 18:32	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/14/22 18:32	1
o-Xylene	ND		5.0		ug/L			01/14/22 18:32	1
Styrene	ND		10		ug/L			01/14/22 18:32	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 18:32	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 18:32	1
Tetrachloroethene	ND		2.0		ug/L			01/14/22 18:32	1
Toluene	ND		2.0		ug/L			01/14/22 18:32	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/14/22 18:32	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 18:32	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 18:32	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/14/22 18:32	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/14/22 18:32	1
Trichloroethene	ND		2.0		ug/L			01/14/22 18:32	1
Trichlorofluoromethane	ND		10		ug/L			01/14/22 18:32	1
1,2,3-Trichloropropane	ND		10		ug/L			01/14/22 18:32	1
Vinyl acetate	ND		100		ug/L			01/14/22 18:32	1
Vinyl chloride	ND		2.0		ug/L			01/14/22 18:32	1
Xylenes, Total	ND		5.0		ug/L			01/14/22 18:32	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-8
Date Collected: 01/06/22 09:35
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-39
Matrix: Surface Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130		01/14/22 18:32	1
Dibromofluoromethane (Surr)	104		70 - 130		01/14/22 18:32	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		01/14/22 18:32	1
Toluene-d8 (Surr)	101		70 - 130		01/14/22 18:32	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 18:03	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 18:03	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:03	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 18:03	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 18:03	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 18:03	1
Cobalt	0.030		0.0060		mg/L		01/11/22 10:36	01/12/22 18:03	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:03	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 18:03	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:03	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 18:03	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 18:03	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 18:03	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:03	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:03	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-10

Lab Sample ID: 680-209845-40

Date Collected: 01/06/22 10:00

Matrix: Surface Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/14/22 14:44	1
Acrylonitrile	ND		50		ug/L			01/14/22 14:44	1
Benzene	ND		2.0		ug/L			01/14/22 14:44	1
Bromoform	ND		10		ug/L			01/14/22 14:44	1
Bromomethane	ND		10		ug/L			01/14/22 14:44	1
2-Butanone (MEK)	ND		100		ug/L			01/14/22 14:44	1
Carbon disulfide	ND		5.0		ug/L			01/14/22 14:44	1
Carbon tetrachloride	ND		2.0		ug/L			01/14/22 14:44	1
Chlorobenzene	ND		10		ug/L			01/14/22 14:44	1
Chlorobromomethane	ND		10		ug/L			01/14/22 14:44	1
Chlorodibromomethane	ND		10		ug/L			01/14/22 14:44	1
Chloroethane	ND		5.0		ug/L			01/14/22 14:44	1
Chloroform	ND		2.0		ug/L			01/14/22 14:44	1
Chloromethane	ND		10		ug/L			01/14/22 14:44	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 14:44	1
cis-1,3-Dichloropropene	ND	*- *1	2.0		ug/L			01/14/22 14:44	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/14/22 14:44	1
1,2-Dibromoethane	ND		5.0		ug/L			01/14/22 14:44	1
Dibromomethane	ND		10		ug/L			01/14/22 14:44	1
1,2-Dichlorobenzene	ND		10		ug/L			01/14/22 14:44	1
1,4-Dichlorobenzene	ND		10		ug/L			01/14/22 14:44	1
Dichlorobromomethane	ND		10		ug/L			01/14/22 14:44	1
1,1-Dichloroethane	ND		2.0		ug/L			01/14/22 14:44	1
1,2-Dichloroethane	ND		2.0		ug/L			01/14/22 14:44	1
1,1-Dichloroethene	ND		2.0		ug/L			01/14/22 14:44	1
1,2-Dichloropropane	ND		2.0		ug/L			01/14/22 14:44	1
Ethylbenzene	ND		2.0		ug/L			01/14/22 14:44	1
2-Hexanone	ND		50		ug/L			01/14/22 14:44	1
Iodomethane	ND		100		ug/L			01/14/22 14:44	1
Methylene Chloride	ND		5.0		ug/L			01/14/22 14:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/14/22 14:44	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/14/22 14:44	1
o-Xylene	ND		5.0		ug/L			01/14/22 14:44	1
Styrene	ND		10		ug/L			01/14/22 14:44	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 14:44	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 14:44	1
Tetrachloroethene	ND		2.0		ug/L			01/14/22 14:44	1
Toluene	ND		2.0		ug/L			01/14/22 14:44	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/14/22 14:44	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 14:44	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 14:44	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/14/22 14:44	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/14/22 14:44	1
Trichloroethene	ND		2.0		ug/L			01/14/22 14:44	1
Trichlorofluoromethane	ND		10		ug/L			01/14/22 14:44	1
1,2,3-Trichloropropane	ND		10		ug/L			01/14/22 14:44	1
Vinyl acetate	ND		100		ug/L			01/14/22 14:44	1
Vinyl chloride	ND		2.0		ug/L			01/14/22 14:44	1
Xylenes, Total	ND		5.0		ug/L			01/14/22 14:44	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-10

Lab Sample ID: 680-209845-40

Date Collected: 01/06/22 10:00

Matrix: Surface Water

Date Received: 01/08/22 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130		01/14/22 14:44	1
Dibromofluoromethane (Surr)	109		70 - 130		01/14/22 14:44	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		01/14/22 14:44	1
Toluene-d8 (Surr)	116		70 - 130		01/14/22 14:44	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 18:05	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 18:05	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:05	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 18:05	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 18:05	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 18:05	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 18:05	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:05	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 18:05	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:05	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 18:05	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 18:05	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 18:05	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:05	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 18:05	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-12

Lab Sample ID: 680-209845-41

Date Collected: 01/06/22 10:22

Matrix: Surface Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/14/22 15:07	1
Acrylonitrile	ND		50		ug/L			01/14/22 15:07	1
Benzene	ND		2.0		ug/L			01/14/22 15:07	1
Bromoform	ND		10		ug/L			01/14/22 15:07	1
Bromomethane	ND		10		ug/L			01/14/22 15:07	1
2-Butanone (MEK)	ND		100		ug/L			01/14/22 15:07	1
Carbon disulfide	ND		5.0		ug/L			01/14/22 15:07	1
Carbon tetrachloride	ND		2.0		ug/L			01/14/22 15:07	1
Chlorobenzene	ND		10		ug/L			01/14/22 15:07	1
Chlorobromomethane	ND		10		ug/L			01/14/22 15:07	1
Chlorodibromomethane	ND		10		ug/L			01/14/22 15:07	1
Chloroethane	ND		5.0		ug/L			01/14/22 15:07	1
Chloroform	ND		2.0		ug/L			01/14/22 15:07	1
Chloromethane	ND		10		ug/L			01/14/22 15:07	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 15:07	1
cis-1,3-Dichloropropene	ND	*- *1	2.0		ug/L			01/14/22 15:07	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/14/22 15:07	1
1,2-Dibromoethane	ND		5.0		ug/L			01/14/22 15:07	1
Dibromomethane	ND		10		ug/L			01/14/22 15:07	1
1,2-Dichlorobenzene	ND		10		ug/L			01/14/22 15:07	1
1,4-Dichlorobenzene	ND		10		ug/L			01/14/22 15:07	1
Dichlorobromomethane	ND		10		ug/L			01/14/22 15:07	1
1,1-Dichloroethane	ND		2.0		ug/L			01/14/22 15:07	1
1,2-Dichloroethane	ND		2.0		ug/L			01/14/22 15:07	1
1,1-Dichloroethene	ND		2.0		ug/L			01/14/22 15:07	1
1,2-Dichloropropane	ND		2.0		ug/L			01/14/22 15:07	1
Ethylbenzene	ND		2.0		ug/L			01/14/22 15:07	1
2-Hexanone	ND		50		ug/L			01/14/22 15:07	1
Iodomethane	ND		100		ug/L			01/14/22 15:07	1
Methylene Chloride	ND		5.0		ug/L			01/14/22 15:07	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/14/22 15:07	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/14/22 15:07	1
o-Xylene	ND		5.0		ug/L			01/14/22 15:07	1
Styrene	ND		10		ug/L			01/14/22 15:07	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 15:07	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 15:07	1
Tetrachloroethene	ND		2.0		ug/L			01/14/22 15:07	1
Toluene	ND		2.0		ug/L			01/14/22 15:07	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/14/22 15:07	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 15:07	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 15:07	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/14/22 15:07	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/14/22 15:07	1
Trichloroethene	ND		2.0		ug/L			01/14/22 15:07	1
Trichlorofluoromethane	ND		10		ug/L			01/14/22 15:07	1
1,2,3-Trichloropropane	ND		10		ug/L			01/14/22 15:07	1
Vinyl acetate	ND		100		ug/L			01/14/22 15:07	1
Vinyl chloride	ND		2.0		ug/L			01/14/22 15:07	1
Xylenes, Total	ND		5.0		ug/L			01/14/22 15:07	1

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Client Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-12
Date Collected: 01/06/22 10:22
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-41
Matrix: Surface Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130		01/14/22 15:07	1
Dibromofluoromethane (Surr)	107		70 - 130		01/14/22 15:07	1
1,2-Dichloroethane-d4 (Surr)	88		60 - 124		01/14/22 15:07	1
Toluene-d8 (Surr)	114		70 - 130		01/14/22 15:07	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:59	01/12/22 19:56	1
Arsenic	ND		0.010		mg/L		01/11/22 10:59	01/12/22 19:56	1
Barium	0.039		0.020		mg/L		01/11/22 10:59	01/12/22 19:56	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:59	01/12/22 19:56	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:59	01/12/22 19:56	1
Chromium	ND		0.010		mg/L		01/11/22 10:59	01/12/22 19:56	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:59	01/12/22 19:56	1
Copper	ND		0.020		mg/L		01/11/22 10:59	01/12/22 19:56	1
Lead	ND		0.015		mg/L		01/11/22 10:59	01/12/22 19:56	1
Nickel	ND		0.020		mg/L		01/11/22 10:59	01/12/22 19:56	1
Selenium	ND		0.010		mg/L		01/11/22 10:59	01/12/22 19:56	1
Silver	ND		0.010		mg/L		01/11/22 10:59	01/12/22 19:56	1
Thallium	ND		0.0020		mg/L		01/11/22 10:59	01/12/22 19:56	1
Vanadium	ND		0.020		mg/L		01/11/22 10:59	01/12/22 19:56	1
Zinc	0.022		0.020		mg/L		01/11/22 10:59	01/12/22 19:56	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWA-1
Date Collected: 01/06/22 09:18
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-42
Matrix: Surface Water

Method: 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		0.50		mg/L			01/12/22 14:56	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.040		mg/L		01/11/22 09:19	01/12/22 14:36	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		01/11/22 09:19	01/12/22 14:39	1
Barium, Dissolved	ND		0.010		mg/L		01/11/22 09:19	01/12/22 14:39	1
Cadmium, Dissolved	ND		0.010		mg/L		01/11/22 09:19	01/12/22 14:39	1
Chromium, Dissolved	ND		0.010		mg/L		01/11/22 09:19	01/12/22 14:39	1
Lead, Dissolved	ND		0.025		mg/L		01/11/22 09:19	01/12/22 14:39	1
Nickel, Dissolved	ND		0.020		mg/L		01/11/22 09:19	01/12/22 14:39	1
Silver, Dissolved	ND		0.010		mg/L		01/11/22 09:19	01/12/22 14:39	1
Zinc, Dissolved	ND		0.020		mg/L		01/11/22 09:19	01/12/22 14:39	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		01/11/22 12:33	01/12/22 10:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		01/11/22 10:45	01/11/22 17:12	1
Chemical Oxygen Demand	ND		10		mg/L			01/13/22 10:13	1
Total Non-purgeable Organic Carbon	1.2		1.0		mg/L			01/11/22 22:04	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-9

Lab Sample ID: 680-209845-43

Date Collected: 01/04/22 13:30

Matrix: Surface Water

Date Received: 01/08/22 08:30

Method: 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		0.50		mg/L			01/12/22 15:09	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.040		mg/L		01/11/22 09:19	01/12/22 14:31	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		01/11/22 09:19	01/12/22 14:34	1
Barium, Dissolved	ND		0.010		mg/L		01/11/22 09:19	01/12/22 14:34	1
Cadmium, Dissolved	ND		0.010		mg/L		01/11/22 09:19	01/12/22 14:34	1
Chromium, Dissolved	ND		0.010		mg/L		01/11/22 09:19	01/12/22 14:34	1
Lead, Dissolved	ND		0.025		mg/L		01/11/22 09:19	01/12/22 14:34	1
Nickel, Dissolved	ND		0.020		mg/L		01/11/22 09:19	01/12/22 14:34	1
Silver, Dissolved	ND		0.010		mg/L		01/11/22 09:19	01/12/22 14:34	1
Zinc, Dissolved	ND		0.020		mg/L		01/11/22 09:19	01/12/22 14:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		01/11/22 12:33	01/12/22 10:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		01/11/22 10:45	01/11/22 17:12	1
Chemical Oxygen Demand	ND		10		mg/L			01/17/22 09:55	1
Total Non-purgeable Organic Carbon	1.9		1.0		mg/L			01/11/22 22:20	1

Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-209845-44

Date Collected: 01/04/22 08:00

Matrix: Water

Date Received: 01/08/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			01/12/22 14:19	1
Acrylonitrile	ND		50		ug/L			01/12/22 14:19	1
Benzene	ND		2.0		ug/L			01/12/22 14:19	1
Bromoform	ND		10		ug/L			01/12/22 14:19	1
Bromomethane	ND		10		ug/L			01/12/22 14:19	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 14:19	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 14:19	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 14:19	1
Chlorobenzene	ND		10		ug/L			01/12/22 14:19	1
Chlorobromomethane	ND		10		ug/L			01/12/22 14:19	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 14:19	1
Chloroethane	ND		5.0		ug/L			01/12/22 14:19	1
Chloroform	ND		2.0		ug/L			01/12/22 14:19	1
Chloromethane	ND		10		ug/L			01/12/22 14:19	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 14:19	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 14:19	1
1,2-Dibromo-3-Chloropropane	ND	*	25		ug/L			01/12/22 14:19	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 14:19	1
Dibromomethane	ND		10		ug/L			01/12/22 14:19	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 14:19	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 14:19	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 14:19	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 14:19	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 14:19	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 14:19	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 14:19	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 14:19	1
2-Hexanone	ND		50		ug/L			01/12/22 14:19	1
Iodomethane	ND		100		ug/L			01/12/22 14:19	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 14:19	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 14:19	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 14:19	1
o-Xylene	ND		5.0		ug/L			01/12/22 14:19	1
Styrene	ND		10		ug/L			01/12/22 14:19	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 14:19	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 14:19	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 14:19	1
Toluene	ND		2.0		ug/L			01/12/22 14:19	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 14:19	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 14:19	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 14:19	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 14:19	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 14:19	1
Trichloroethene	ND		2.0		ug/L			01/12/22 14:19	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 14:19	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 14:19	1
Vinyl acetate	ND		100		ug/L			01/12/22 14:19	1
Vinyl chloride	ND	*+	2.0		ug/L			01/12/22 14:19	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 14:19	1

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Client Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-209845-44

Date Collected: 01/04/22 08:00

Matrix: Water

Date Received: 01/08/22 08:30

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
4-Bromofluorobenzene (Surr)	88		70 - 130		01/12/22 14:19	1
Dibromofluoromethane (Surr)	107		70 - 130		01/12/22 14:19	1
1,2-Dichloroethane-d4 (Surr)	87		60 - 124		01/12/22 14:19	1
Toluene-d8 (Surr)	105		70 - 130		01/12/22 14:19	1

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: MB 680-702719/9
Matrix: Water
Analysis Batch: 702719

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			01/12/22 13:31	1
Acrylonitrile	ND		50		ug/L			01/12/22 13:31	1
Benzene	ND		2.0		ug/L			01/12/22 13:31	1
Bromoform	ND		10		ug/L			01/12/22 13:31	1
Bromomethane	ND		10		ug/L			01/12/22 13:31	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 13:31	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 13:31	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 13:31	1
Chlorobenzene	ND		10		ug/L			01/12/22 13:31	1
Chlorobromomethane	ND		10		ug/L			01/12/22 13:31	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 13:31	1
Chloroethane	ND		5.0		ug/L			01/12/22 13:31	1
Chloroform	ND		2.0		ug/L			01/12/22 13:31	1
Chloromethane	ND		10		ug/L			01/12/22 13:31	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 13:31	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 13:31	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 13:31	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 13:31	1
Dibromomethane	ND		10		ug/L			01/12/22 13:31	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 13:31	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 13:31	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 13:31	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 13:31	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 13:31	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 13:31	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 13:31	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 13:31	1
2-Hexanone	ND		50		ug/L			01/12/22 13:31	1
Iodomethane	ND		100		ug/L			01/12/22 13:31	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 13:31	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 13:31	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 13:31	1
o-Xylene	ND		5.0		ug/L			01/12/22 13:31	1
Styrene	ND		10		ug/L			01/12/22 13:31	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 13:31	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 13:31	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 13:31	1
Toluene	ND		2.0		ug/L			01/12/22 13:31	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 13:31	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 13:31	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 13:31	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 13:31	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 13:31	1
Trichloroethene	ND		2.0		ug/L			01/12/22 13:31	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 13:31	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 13:31	1
Vinyl acetate	ND		100		ug/L			01/12/22 13:31	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 13:31	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: MB 680-702719/9
Matrix: Water
Analysis Batch: 702719

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		5.0		ug/L			01/12/22 13:31	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130					01/12/22 13:31	1
Dibromofluoromethane (Surr)	106		70 - 130					01/12/22 13:31	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124					01/12/22 13:31	1
Toluene-d8 (Surr)	107		70 - 130					01/12/22 13:31	1

Lab Sample ID: LCS 680-702719/4
Matrix: Water
Analysis Batch: 702719

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	257		ug/L		103	67 - 120
Acrylonitrile	500	501		ug/L		100	70 - 130
Benzene	50.0	53.5		ug/L		107	70 - 130
Bromoform	50.0	56.4		ug/L		113	69 - 129
Bromomethane	50.0	59.6		ug/L		119	28 - 192
2-Butanone (MEK)	250	205		ug/L		82	69 - 120
Carbon disulfide	50.0	54.7		ug/L		109	70 - 130
Carbon tetrachloride	50.0	49.8		ug/L		100	70 - 130
Chlorobenzene	50.0	54.6		ug/L		109	70 - 130
Chlorobromomethane	50.0	56.4		ug/L		113	70 - 130
Chlorodibromomethane	50.0	49.7		ug/L		99	70 - 130
Chloroethane	50.0	54.7		ug/L		109	31 - 213
Chloroform	50.0	46.9		ug/L		94	70 - 130
Chloromethane	50.0	60.7		ug/L		121	59 - 127
cis-1,2-Dichloroethene	50.0	52.8		ug/L		106	70 - 130
cis-1,3-Dichloropropene	50.0	42.6		ug/L		85	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	34.1	*-	ug/L		68	70 - 130
1,2-Dibromoethane	50.0	45.8		ug/L		92	70 - 130
Dibromomethane	50.0	46.7		ug/L		93	70 - 130
1,2-Dichlorobenzene	50.0	47.6		ug/L		95	70 - 130
1,4-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 130
Dichlorobromomethane	50.0	44.8		ug/L		90	70 - 130
1,1-Dichloroethane	50.0	54.0		ug/L		108	70 - 130
1,2-Dichloroethane	50.0	45.2		ug/L		90	70 - 130
1,1-Dichloroethene	50.0	57.2		ug/L		114	70 - 130
1,2-Dichloropropane	50.0	47.6		ug/L		95	70 - 130
Ethylbenzene	50.0	52.6		ug/L		105	70 - 130
2-Hexanone	250	220		ug/L		88	70 - 130
Iodomethane	50.0	59.8	J	ug/L		120	52 - 129
Methylene Chloride	50.0	53.7		ug/L		107	70 - 130
4-Methyl-2-pentanone (MIBK)	250	203		ug/L		81	68 - 120
m-Xylene & p-Xylene	50.0	51.7		ug/L		103	70 - 130
o-Xylene	50.0	53.7		ug/L		107	70 - 130
Styrene	50.0	57.4		ug/L		115	70 - 130
1,1,1,2-Tetrachloroethane	50.0	56.0		ug/L		112	70 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCS 680-702719/4
Matrix: Water
Analysis Batch: 702719

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	50.0	46.1		ug/L		92	70 - 130
Tetrachloroethene	50.0	46.6		ug/L		93	70 - 130
Toluene	50.0	45.9		ug/L		92	70 - 130
trans-1,4-Dichloro-2-butene	50.0	49.9		ug/L		100	67 - 120
trans-1,2-Dichloroethene	50.0	53.5		ug/L		107	70 - 130
trans-1,3-Dichloropropene	50.0	41.4		ug/L		83	70 - 130
1,1,1-Trichloroethane	50.0	49.2		ug/L		98	70 - 130
1,1,2-Trichloroethane	50.0	47.1		ug/L		94	70 - 130
Trichloroethene	50.0	53.1		ug/L		106	70 - 130
Trichlorofluoromethane	50.0	51.0		ug/L		102	63 - 142
1,2,3-Trichloropropane	50.0	52.8		ug/L		106	70 - 130
Vinyl acetate	100	79.1	J	ug/L		79	67 - 135
Vinyl chloride	50.0	65.1	*+	ug/L		130	66 - 129
Xylenes, Total	100	105		ug/L		105	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	86		70 - 130
Dibromofluoromethane (Surr)	105		70 - 130
1,2-Dichloroethane-d4 (Surr)	84		60 - 124
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 680-702719/5
Matrix: Water
Analysis Batch: 702719

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	229		ug/L		92	67 - 120	11	30
Acrylonitrile	500	485		ug/L		97	70 - 130	3	30
Benzene	50.0	52.0		ug/L		104	70 - 130	3	30
Bromoform	50.0	55.2		ug/L		110	69 - 129	2	30
Bromomethane	50.0	57.8		ug/L		116	28 - 192	3	30
2-Butanone (MEK)	250	185		ug/L		74	69 - 120	10	30
Carbon disulfide	50.0	53.2		ug/L		106	70 - 130	3	30
Carbon tetrachloride	50.0	47.2		ug/L		94	70 - 130	5	30
Chlorobenzene	50.0	53.8		ug/L		108	70 - 130	1	30
Chlorobromomethane	50.0	49.3		ug/L		99	70 - 130	13	30
Chlorodibromomethane	50.0	49.5		ug/L		99	70 - 130	1	30
Chloroethane	50.0	52.4		ug/L		105	31 - 213	4	30
Chloroform	50.0	50.4		ug/L		101	70 - 130	7	30
Chloromethane	50.0	56.7		ug/L		113	59 - 127	7	30
cis-1,2-Dichloroethene	50.0	52.3		ug/L		105	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	44.6		ug/L		89	70 - 130	5	20
1,2-Dibromo-3-Chloropropane	50.0	35.3		ug/L		71	70 - 130	4	30
1,2-Dibromoethane	50.0	45.9		ug/L		92	70 - 130	0	30
Dibromomethane	50.0	46.8		ug/L		94	70 - 130	0	30
1,2-Dichlorobenzene	50.0	48.2		ug/L		96	70 - 130	1	30
1,4-Dichlorobenzene	50.0	50.1		ug/L		100	70 - 130	0	30
Dichlorobromomethane	50.0	45.2		ug/L		90	70 - 130	1	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCSD 680-702719/5
Matrix: Water
Analysis Batch: 702719

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

Analyte	Spike Added	LCS D Result	LCS D Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	50.0	49.4		ug/L		99	70 - 130	9	30
1,2-Dichloroethane	50.0	45.2		ug/L		90	70 - 130	0	50
1,1-Dichloroethene	50.0	54.1		ug/L		108	70 - 130	6	20
1,2-Dichloropropane	50.0	48.9		ug/L		98	70 - 130	3	20
Ethylbenzene	50.0	53.0		ug/L		106	70 - 130	1	20
2-Hexanone	250	219		ug/L		88	70 - 130	0	20
Iodomethane	50.0	56.7	J	ug/L		113	52 - 129	5	30
Methylene Chloride	50.0	49.8		ug/L		100	70 - 130	8	30
4-Methyl-2-pentanone (MIBK)	250	220		ug/L		88	68 - 120	8	30
m-Xylene & p-Xylene	50.0	53.2		ug/L		106	70 - 130	3	30
o-Xylene	50.0	54.3		ug/L		109	70 - 130	1	30
Styrene	50.0	57.9		ug/L		116	70 - 130	1	30
1,1,1,2-Tetrachloroethane	50.0	55.2		ug/L		110	70 - 130	2	30
1,1,2,2-Tetrachloroethane	50.0	45.8		ug/L		92	70 - 130	1	30
Tetrachloroethene	50.0	46.2		ug/L		92	70 - 130	1	30
Toluene	50.0	45.7		ug/L		91	70 - 130	0	30
trans-1,4-Dichloro-2-butene	50.0	53.1		ug/L		106	67 - 120	6	30
trans-1,2-Dichloroethene	50.0	49.2		ug/L		98	70 - 130	8	30
trans-1,3-Dichloropropene	50.0	42.4		ug/L		85	70 - 130	2	30
1,1,1-Trichloroethane	50.0	45.6		ug/L		91	70 - 130	8	30
1,1,2-Trichloroethane	50.0	48.4		ug/L		97	70 - 130	3	30
Trichloroethene	50.0	51.4		ug/L		103	70 - 130	3	30
Trichlorofluoromethane	50.0	49.2		ug/L		98	63 - 142	4	30
1,2,3-Trichloropropane	50.0	55.3		ug/L		111	70 - 130	5	30
Vinyl acetate	100	70.1	J	ug/L		70	67 - 135	12	30
Vinyl chloride	50.0	61.9		ug/L		124	66 - 129	5	30
Xylenes, Total	100	108		ug/L		108	70 - 130	2	30

Surrogate	LCS D %Recovery	LCS D Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130
1,2-Dichloroethane-d4 (Surr)	83		60 - 124
Toluene-d8 (Surr)	110		70 - 130

Lab Sample ID: MB 680-702735/9
Matrix: Water
Analysis Batch: 702735

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			01/12/22 13:28	1
Acrylonitrile	ND		50		ug/L			01/12/22 13:28	1
Benzene	ND		2.0		ug/L			01/12/22 13:28	1
Bromoform	ND		10		ug/L			01/12/22 13:28	1
Bromomethane	ND		10		ug/L			01/12/22 13:28	1
2-Butanone (MEK)	ND		100		ug/L			01/12/22 13:28	1
Carbon disulfide	ND		5.0		ug/L			01/12/22 13:28	1
Carbon tetrachloride	ND		2.0		ug/L			01/12/22 13:28	1
Chlorobenzene	ND		10		ug/L			01/12/22 13:28	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: MB 680-702735/9
Matrix: Water
Analysis Batch: 702735

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		10		ug/L			01/12/22 13:28	1
Chlorodibromomethane	ND		10		ug/L			01/12/22 13:28	1
Chloroethane	ND		5.0		ug/L			01/12/22 13:28	1
Chloroform	ND		2.0		ug/L			01/12/22 13:28	1
Chloromethane	ND		10		ug/L			01/12/22 13:28	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 13:28	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 13:28	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/12/22 13:28	1
1,2-Dibromoethane	ND		5.0		ug/L			01/12/22 13:28	1
Dibromomethane	ND		10		ug/L			01/12/22 13:28	1
1,2-Dichlorobenzene	ND		10		ug/L			01/12/22 13:28	1
1,4-Dichlorobenzene	ND		10		ug/L			01/12/22 13:28	1
Dichlorobromomethane	ND		10		ug/L			01/12/22 13:28	1
1,1-Dichloroethane	ND		2.0		ug/L			01/12/22 13:28	1
1,2-Dichloroethane	ND		2.0		ug/L			01/12/22 13:28	1
1,1-Dichloroethene	ND		2.0		ug/L			01/12/22 13:28	1
1,2-Dichloropropane	ND		2.0		ug/L			01/12/22 13:28	1
Ethylbenzene	ND		2.0		ug/L			01/12/22 13:28	1
2-Hexanone	ND		50		ug/L			01/12/22 13:28	1
Iodomethane	ND		100		ug/L			01/12/22 13:28	1
Methylene Chloride	ND		5.0		ug/L			01/12/22 13:28	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/12/22 13:28	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/12/22 13:28	1
o-Xylene	ND		5.0		ug/L			01/12/22 13:28	1
Styrene	ND		10		ug/L			01/12/22 13:28	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 13:28	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/12/22 13:28	1
Tetrachloroethene	ND		2.0		ug/L			01/12/22 13:28	1
Toluene	ND		2.0		ug/L			01/12/22 13:28	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/12/22 13:28	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/12/22 13:28	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/12/22 13:28	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/12/22 13:28	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/12/22 13:28	1
Trichloroethene	ND		2.0		ug/L			01/12/22 13:28	1
Trichlorofluoromethane	ND		10		ug/L			01/12/22 13:28	1
1,2,3-Trichloropropane	ND		10		ug/L			01/12/22 13:28	1
Vinyl acetate	ND		100		ug/L			01/12/22 13:28	1
Vinyl chloride	ND		2.0		ug/L			01/12/22 13:28	1
Xylenes, Total	ND		5.0		ug/L			01/12/22 13:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130		01/12/22 13:28	1
Dibromofluoromethane (Surr)	98		70 - 130		01/12/22 13:28	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 124		01/12/22 13:28	1
Toluene-d8 (Surr)	96		70 - 130		01/12/22 13:28	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCS 680-702735/4

Matrix: Water

Analysis Batch: 702735

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	231		ug/L		92	67 - 120
Acrylonitrile	500	509		ug/L		102	70 - 130
Benzene	50.0	50.7		ug/L		101	70 - 130
Bromoform	50.0	45.0		ug/L		90	69 - 129
Bromomethane	50.0	47.8		ug/L		96	28 - 192
2-Butanone (MEK)	250	212		ug/L		85	69 - 120
Carbon disulfide	50.0	52.0		ug/L		104	70 - 130
Carbon tetrachloride	50.0	49.5		ug/L		99	70 - 130
Chlorobenzene	50.0	47.6		ug/L		95	70 - 130
Chlorobromomethane	50.0	45.3		ug/L		91	70 - 130
Chlorodibromomethane	50.0	48.0		ug/L		96	70 - 130
Chloroethane	50.0	72.8		ug/L		146	31 - 213
Chloroform	50.0	50.2		ug/L		100	70 - 130
Chloromethane	50.0	48.2		ug/L		96	59 - 127
cis-1,2-Dichloroethene	50.0	53.0		ug/L		106	70 - 130
cis-1,3-Dichloropropene	50.0	49.5		ug/L		99	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	34.8		ug/L		70	70 - 130
1,2-Dibromoethane	50.0	47.5		ug/L		95	70 - 130
Dibromomethane	50.0	52.7		ug/L		105	70 - 130
1,2-Dichlorobenzene	50.0	48.8		ug/L		98	70 - 130
1,4-Dichlorobenzene	50.0	50.7		ug/L		101	70 - 130
Dichlorobromomethane	50.0	49.4		ug/L		99	70 - 130
1,1-Dichloroethane	50.0	51.2		ug/L		102	70 - 130
1,2-Dichloroethane	50.0	52.0		ug/L		104	70 - 130
1,1-Dichloroethene	50.0	50.1		ug/L		100	70 - 130
1,2-Dichloropropane	50.0	50.8		ug/L		102	70 - 130
Ethylbenzene	50.0	52.3		ug/L		105	70 - 130
2-Hexanone	250	204		ug/L		82	70 - 130
Iodomethane	50.0	51.1	J	ug/L		102	52 - 129
Methylene Chloride	50.0	49.4		ug/L		99	70 - 130
4-Methyl-2-pentanone (MIBK)	250	215		ug/L		86	68 - 120
m-Xylene & p-Xylene	50.0	63.3		ug/L		127	70 - 130
o-Xylene	50.0	55.8		ug/L		112	70 - 130
Styrene	50.0	48.9		ug/L		98	70 - 130
1,1,1,2-Tetrachloroethane	50.0	48.8		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	50.0	42.1		ug/L		84	70 - 130
Tetrachloroethene	50.0	47.4		ug/L		95	70 - 130
Toluene	50.0	53.4		ug/L		107	70 - 130
trans-1,4-Dichloro-2-butene	50.0	45.0		ug/L		90	67 - 120
trans-1,2-Dichloroethene	50.0	49.0		ug/L		98	70 - 130
trans-1,3-Dichloropropene	50.0	49.6		ug/L		99	70 - 130
1,1,1-Trichloroethane	50.0	48.0		ug/L		96	70 - 130
1,1,2-Trichloroethane	50.0	47.3		ug/L		95	70 - 130
Trichloroethene	50.0	48.8		ug/L		98	70 - 130
Trichlorofluoromethane	50.0	49.2		ug/L		98	63 - 142
1,2,3-Trichloropropane	50.0	40.7		ug/L		81	70 - 130
Vinyl acetate	100	88.4	J	ug/L		88	67 - 135
Vinyl chloride	50.0	46.4		ug/L		93	66 - 129

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCS 680-702735/4
Matrix: Water
Analysis Batch: 702735

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	119		ug/L		119	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130
1,2-Dichloroethane-d4 (Surr)	104		60 - 124
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LCSD 680-702735/5
Matrix: Water
Analysis Batch: 702735

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	236		ug/L		94	67 - 120	2	30
Acrylonitrile	500	521		ug/L		104	70 - 130	2	30
Benzene	50.0	51.2		ug/L		102	70 - 130	1	30
Bromoform	50.0	47.3		ug/L		95	69 - 129	5	30
Bromomethane	50.0	56.7		ug/L		113	28 - 192	17	30
2-Butanone (MEK)	250	212		ug/L		85	69 - 120	0	30
Carbon disulfide	50.0	52.9		ug/L		106	70 - 130	2	30
Carbon tetrachloride	50.0	49.0		ug/L		98	70 - 130	1	30
Chlorobenzene	50.0	49.0		ug/L		98	70 - 130	3	30
Chlorobromomethane	50.0	47.5		ug/L		95	70 - 130	5	30
Chlorodibromomethane	50.0	49.4		ug/L		99	70 - 130	3	30
Chloroethane	50.0	71.9		ug/L		144	31 - 213	1	30
Chloroform	50.0	50.2		ug/L		100	70 - 130	0	30
Chloromethane	50.0	49.5		ug/L		99	59 - 127	3	30
cis-1,2-Dichloroethene	50.0	52.9		ug/L		106	70 - 130	0	30
cis-1,3-Dichloropropene	50.0	50.2		ug/L		100	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	36.3		ug/L		73	70 - 130	4	30
1,2-Dibromoethane	50.0	49.3		ug/L		99	70 - 130	4	30
Dibromomethane	50.0	52.2		ug/L		104	70 - 130	1	30
1,2-Dichlorobenzene	50.0	49.9		ug/L		100	70 - 130	2	30
1,4-Dichlorobenzene	50.0	51.0		ug/L		102	70 - 130	1	30
Dichlorobromomethane	50.0	50.6		ug/L		101	70 - 130	2	30
1,1-Dichloroethane	50.0	51.6		ug/L		103	70 - 130	1	30
1,2-Dichloroethane	50.0	52.8		ug/L		106	70 - 130	2	50
1,1-Dichloroethene	50.0	50.6		ug/L		101	70 - 130	1	20
1,2-Dichloropropane	50.0	53.0		ug/L		106	70 - 130	4	20
Ethylbenzene	50.0	53.2		ug/L		106	70 - 130	2	20
2-Hexanone	250	210		ug/L		84	70 - 130	3	20
Iodomethane	50.0	52.0	J	ug/L		104	52 - 129	2	30
Methylene Chloride	50.0	50.7		ug/L		101	70 - 130	3	30
4-Methyl-2-pentanone (MIBK)	250	220		ug/L		88	68 - 120	2	30
m-Xylene & p-Xylene	50.0	63.6		ug/L		127	70 - 130	0	30
o-Xylene	50.0	57.0		ug/L		114	70 - 130	2	30
Styrene	50.0	51.5		ug/L		103	70 - 130	5	30
1,1,1,2-Tetrachloroethane	50.0	50.1		ug/L		100	70 - 130	3	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCSD 680-702735/5
Matrix: Water
Analysis Batch: 702735

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
1,1,2,2-Tetrachloroethane	50.0	43.7		ug/L		87	70 - 130	4	30
Tetrachloroethene	50.0	46.8		ug/L		94	70 - 130	1	30
Toluene	50.0	53.7		ug/L		107	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	46.2		ug/L		92	67 - 120	3	30
trans-1,2-Dichloroethene	50.0	49.3		ug/L		99	70 - 130	0	30
trans-1,3-Dichloropropene	50.0	50.2		ug/L		100	70 - 130	1	30
1,1,1-Trichloroethane	50.0	47.5		ug/L		95	70 - 130	1	30
1,1,2-Trichloroethane	50.0	49.3		ug/L		99	70 - 130	4	30
Trichloroethene	50.0	49.5		ug/L		99	70 - 130	1	30
Trichlorofluoromethane	50.0	48.8		ug/L		98	63 - 142	1	30
1,2,3-Trichloropropane	50.0	43.6		ug/L		87	70 - 130	7	30
Vinyl acetate	100	83.7	J	ug/L		84	67 - 135	5	30
Vinyl chloride	50.0	48.7		ug/L		97	66 - 129	5	30
Xylenes, Total	100	121		ug/L		121	70 - 130	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130
1,2-Dichloroethane-d4 (Surr)	105		60 - 124
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: MB 680-702848/9
Matrix: Water
Analysis Batch: 702848

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			01/13/22 14:29	1
Acrylonitrile	ND		50		ug/L			01/13/22 14:29	1
Benzene	ND		2.0		ug/L			01/13/22 14:29	1
Bromoform	ND		10		ug/L			01/13/22 14:29	1
Bromomethane	ND		10		ug/L			01/13/22 14:29	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 14:29	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 14:29	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 14:29	1
Chlorobenzene	ND		10		ug/L			01/13/22 14:29	1
Chlorobromomethane	ND		10		ug/L			01/13/22 14:29	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 14:29	1
Chloroethane	ND		5.0		ug/L			01/13/22 14:29	1
Chloroform	ND		2.0		ug/L			01/13/22 14:29	1
Chloromethane	ND		10		ug/L			01/13/22 14:29	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 14:29	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 14:29	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 14:29	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 14:29	1
Dibromomethane	ND		10		ug/L			01/13/22 14:29	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 14:29	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 14:29	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 14:29	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: MB 680-702848/9
Matrix: Water
Analysis Batch: 702848

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 14:29	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 14:29	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 14:29	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 14:29	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 14:29	1
2-Hexanone	ND		50		ug/L			01/13/22 14:29	1
Iodomethane	ND		100		ug/L			01/13/22 14:29	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 14:29	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 14:29	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 14:29	1
o-Xylene	ND		5.0		ug/L			01/13/22 14:29	1
Styrene	ND		10		ug/L			01/13/22 14:29	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 14:29	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 14:29	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 14:29	1
Toluene	ND		2.0		ug/L			01/13/22 14:29	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 14:29	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 14:29	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 14:29	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 14:29	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 14:29	1
Trichloroethene	ND		2.0		ug/L			01/13/22 14:29	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 14:29	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 14:29	1
Vinyl acetate	ND		100		ug/L			01/13/22 14:29	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 14:29	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 14:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130		01/13/22 14:29	1
Dibromofluoromethane (Surr)	100		70 - 130		01/13/22 14:29	1
1,2-Dichloroethane-d4 (Surr)	88		60 - 124		01/13/22 14:29	1
Toluene-d8 (Surr)	110		70 - 130		01/13/22 14:29	1

Lab Sample ID: LCS 680-702848/4
Matrix: Water
Analysis Batch: 702848

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	245		ug/L		98	67 - 120
Acrylonitrile	500	509		ug/L		102	70 - 130
Benzene	50.0	51.3		ug/L		103	70 - 130
Bromoform	50.0	54.7		ug/L		109	69 - 129
Bromomethane	50.0	56.5		ug/L		113	28 - 192
2-Butanone (MEK)	250	212		ug/L		85	69 - 120
Carbon disulfide	50.0	50.6		ug/L		101	70 - 130
Carbon tetrachloride	50.0	46.6		ug/L		93	70 - 130
Chlorobenzene	50.0	52.2		ug/L		104	70 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCS 680-702848/4

Matrix: Water

Analysis Batch: 702848

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobromomethane	50.0	49.0		ug/L		98	70 - 130
Chlorodibromomethane	50.0	46.1		ug/L		92	70 - 130
Chloroethane	50.0	45.9		ug/L		92	31 - 213
Chloroform	50.0	49.2		ug/L		98	70 - 130
Chloromethane	50.0	54.1		ug/L		108	59 - 127
cis-1,2-Dichloroethene	50.0	48.5		ug/L		97	70 - 130
cis-1,3-Dichloropropene	50.0	43.6		ug/L		87	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	33.5	*	ug/L		67	70 - 130
1,2-Dibromoethane	50.0	46.2		ug/L		92	70 - 130
Dibromomethane	50.0	48.1		ug/L		96	70 - 130
1,2-Dichlorobenzene	50.0	48.1		ug/L		96	70 - 130
1,4-Dichlorobenzene	50.0	48.2		ug/L		96	70 - 130
Dichlorobromomethane	50.0	46.4		ug/L		93	70 - 130
1,1-Dichloroethane	50.0	51.0		ug/L		102	70 - 130
1,2-Dichloroethane	50.0	43.0		ug/L		86	70 - 130
1,1-Dichloroethene	50.0	53.8		ug/L		108	70 - 130
1,2-Dichloropropane	50.0	51.3		ug/L		103	70 - 130
Ethylbenzene	50.0	51.6		ug/L		103	70 - 130
2-Hexanone	250	219		ug/L		88	70 - 130
Iodomethane	50.0	57.5	J	ug/L		115	52 - 129
Methylene Chloride	50.0	53.3		ug/L		107	70 - 130
4-Methyl-2-pentanone (MIBK)	250	221		ug/L		88	68 - 120
m-Xylene & p-Xylene	50.0	51.6		ug/L		103	70 - 130
o-Xylene	50.0	52.7		ug/L		105	70 - 130
Styrene	50.0	57.4		ug/L		115	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.6		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	50.0	45.8		ug/L		92	70 - 130
Tetrachloroethene	50.0	44.8		ug/L		90	70 - 130
Toluene	50.0	46.1		ug/L		92	70 - 130
trans-1,4-Dichloro-2-butene	50.0	51.3		ug/L		103	67 - 120
trans-1,2-Dichloroethene	50.0	53.0		ug/L		106	70 - 130
trans-1,3-Dichloropropene	50.0	41.3		ug/L		83	70 - 130
1,1,1-Trichloroethane	50.0	44.5		ug/L		89	70 - 130
1,1,2-Trichloroethane	50.0	47.2		ug/L		94	70 - 130
Trichloroethene	50.0	52.3		ug/L		105	70 - 130
Trichlorofluoromethane	50.0	47.8		ug/L		96	63 - 142
1,2,3-Trichloropropane	50.0	50.7		ug/L		101	70 - 130
Vinyl acetate	100	70.6	J	ug/L		71	67 - 135
Vinyl chloride	50.0	55.7		ug/L		111	66 - 129
Xylenes, Total	100	104		ug/L		104	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	88		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130
1,2-Dichloroethane-d4 (Surr)	88		60 - 124
Toluene-d8 (Surr)	106		70 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCSD 680-702848/5
Matrix: Water
Analysis Batch: 702848

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	260		ug/L		104	67 - 120	6	30
Acrylonitrile	500	546		ug/L		109	70 - 130	7	30
Benzene	50.0	49.9		ug/L		100	70 - 130	3	30
Bromoform	50.0	54.5		ug/L		109	69 - 129	0	30
Bromomethane	50.0	57.2		ug/L		114	28 - 192	1	30
2-Butanone (MEK)	250	214		ug/L		86	69 - 120	1	30
Carbon disulfide	50.0	52.3		ug/L		105	70 - 130	3	30
Carbon tetrachloride	50.0	48.6		ug/L		97	70 - 130	4	30
Chlorobenzene	50.0	52.2		ug/L		104	70 - 130	0	30
Chlorobromomethane	50.0	52.0		ug/L		104	70 - 130	6	30
Chlorodibromomethane	50.0	46.5		ug/L		93	70 - 130	1	30
Chloroethane	50.0	51.3		ug/L		103	31 - 213	11	30
Chloroform	50.0	49.4		ug/L		99	70 - 130	0	30
Chloromethane	50.0	49.5		ug/L		99	59 - 127	9	30
cis-1,2-Dichloroethene	50.0	53.5		ug/L		107	70 - 130	10	30
cis-1,3-Dichloropropene	50.0	43.4		ug/L		87	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	35.2		ug/L		70	70 - 130	5	30
1,2-Dibromoethane	50.0	45.1		ug/L		90	70 - 130	3	30
Dibromomethane	50.0	50.9		ug/L		102	70 - 130	6	30
1,2-Dichlorobenzene	50.0	47.5		ug/L		95	70 - 130	1	30
1,4-Dichlorobenzene	50.0	49.6		ug/L		99	70 - 130	3	30
Dichlorobromomethane	50.0	45.2		ug/L		90	70 - 130	3	30
1,1-Dichloroethane	50.0	55.6		ug/L		111	70 - 130	9	30
1,2-Dichloroethane	50.0	44.0		ug/L		88	70 - 130	2	50
1,1-Dichloroethene	50.0	56.3		ug/L		113	70 - 130	5	20
1,2-Dichloropropane	50.0	51.3		ug/L		103	70 - 130	0	20
Ethylbenzene	50.0	51.3		ug/L		103	70 - 130	1	20
2-Hexanone	250	224		ug/L		90	70 - 130	2	20
Iodomethane	50.0	60.8 J		ug/L		122	52 - 129	6	30
Methylene Chloride	50.0	53.2		ug/L		106	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	250	216		ug/L		87	68 - 120	2	30
m-Xylene & p-Xylene	50.0	50.3		ug/L		101	70 - 130	2	30
o-Xylene	50.0	51.6		ug/L		103	70 - 130	2	30
Styrene	50.0	55.6		ug/L		111	70 - 130	3	30
1,1,1,2-Tetrachloroethane	50.0	52.9		ug/L		106	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	46.1		ug/L		92	70 - 130	1	30
Tetrachloroethene	50.0	45.5		ug/L		91	70 - 130	1	30
Toluene	50.0	45.4		ug/L		91	70 - 130	2	30
trans-1,4-Dichloro-2-butene	50.0	47.7		ug/L		95	67 - 120	7	30
trans-1,2-Dichloroethene	50.0	52.7		ug/L		105	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	41.4		ug/L		83	70 - 130	0	30
1,1,1-Trichloroethane	50.0	48.0		ug/L		96	70 - 130	8	30
1,1,2-Trichloroethane	50.0	48.3		ug/L		97	70 - 130	2	30
Trichloroethene	50.0	54.7		ug/L		109	70 - 130	5	30
Trichlorofluoromethane	50.0	50.1		ug/L		100	63 - 142	5	30
1,2,3-Trichloropropane	50.0	52.4		ug/L		105	70 - 130	3	30
Vinyl acetate	100	66.6 J		ug/L		67	67 - 135	6	30
Vinyl chloride	50.0	61.7		ug/L		123	66 - 129	10	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCSD 680-702848/5
Matrix: Water
Analysis Batch: 702848

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	102		ug/L		102	70 - 130	2	30	
Surrogate										
	%Recovery	LCSD	Qualifier							Limits
4-Bromofluorobenzene (Surr)	87									70 - 130
Dibromofluoromethane (Surr)	106									70 - 130
1,2-Dichloroethane-d4 (Surr)	77									60 - 124
Toluene-d8 (Surr)	104									70 - 130

Lab Sample ID: MB 680-702856/9
Matrix: Water
Analysis Batch: 702856

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			01/13/22 13:51	1
Acrylonitrile	ND		50		ug/L			01/13/22 13:51	1
Benzene	ND		2.0		ug/L			01/13/22 13:51	1
Bromoform	ND		10		ug/L			01/13/22 13:51	1
Bromomethane	ND		10		ug/L			01/13/22 13:51	1
2-Butanone (MEK)	ND		100		ug/L			01/13/22 13:51	1
Carbon disulfide	ND		5.0		ug/L			01/13/22 13:51	1
Carbon tetrachloride	ND		2.0		ug/L			01/13/22 13:51	1
Chlorobenzene	ND		10		ug/L			01/13/22 13:51	1
Chlorobromomethane	ND		10		ug/L			01/13/22 13:51	1
Chlorodibromomethane	ND		10		ug/L			01/13/22 13:51	1
Chloroethane	ND		5.0		ug/L			01/13/22 13:51	1
Chloroform	ND		2.0		ug/L			01/13/22 13:51	1
Chloromethane	ND		10		ug/L			01/13/22 13:51	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 13:51	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 13:51	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/13/22 13:51	1
1,2-Dibromoethane	ND		5.0		ug/L			01/13/22 13:51	1
Dibromomethane	ND		10		ug/L			01/13/22 13:51	1
1,2-Dichlorobenzene	ND		10		ug/L			01/13/22 13:51	1
1,4-Dichlorobenzene	ND		10		ug/L			01/13/22 13:51	1
Dichlorobromomethane	ND		10		ug/L			01/13/22 13:51	1
1,1-Dichloroethane	ND		2.0		ug/L			01/13/22 13:51	1
1,2-Dichloroethane	ND		2.0		ug/L			01/13/22 13:51	1
1,1-Dichloroethene	ND		2.0		ug/L			01/13/22 13:51	1
1,2-Dichloropropane	ND		2.0		ug/L			01/13/22 13:51	1
Ethylbenzene	ND		2.0		ug/L			01/13/22 13:51	1
2-Hexanone	ND		50		ug/L			01/13/22 13:51	1
Iodomethane	ND		100		ug/L			01/13/22 13:51	1
Methylene Chloride	ND		5.0		ug/L			01/13/22 13:51	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/13/22 13:51	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/13/22 13:51	1
o-Xylene	ND		5.0		ug/L			01/13/22 13:51	1
Styrene	ND		10		ug/L			01/13/22 13:51	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 13:51	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: MB 680-702856/9
Matrix: Water
Analysis Batch: 702856

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/13/22 13:51	1
Tetrachloroethene	ND		2.0		ug/L			01/13/22 13:51	1
Toluene	ND		2.0		ug/L			01/13/22 13:51	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/13/22 13:51	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/13/22 13:51	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/13/22 13:51	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/13/22 13:51	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/13/22 13:51	1
Trichloroethene	ND		2.0		ug/L			01/13/22 13:51	1
Trichlorofluoromethane	ND		10		ug/L			01/13/22 13:51	1
1,2,3-Trichloropropane	ND		10		ug/L			01/13/22 13:51	1
Vinyl acetate	ND		100		ug/L			01/13/22 13:51	1
Vinyl chloride	ND		2.0		ug/L			01/13/22 13:51	1
Xylenes, Total	ND		5.0		ug/L			01/13/22 13:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		01/13/22 13:51	1
Dibromofluoromethane (Surr)	101		70 - 130		01/13/22 13:51	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 124		01/13/22 13:51	1
Toluene-d8 (Surr)	97		70 - 130		01/13/22 13:51	1

Lab Sample ID: LCS 680-702856/4
Matrix: Water
Analysis Batch: 702856

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	240		ug/L		96	67 - 120
Acrylonitrile	500	530		ug/L		106	70 - 130
Benzene	50.0	50.5		ug/L		101	70 - 130
Bromoform	50.0	49.9		ug/L		100	69 - 129
Bromomethane	50.0	49.2		ug/L		98	28 - 192
2-Butanone (MEK)	250	216		ug/L		86	69 - 120
Carbon disulfide	50.0	51.9		ug/L		104	70 - 130
Carbon tetrachloride	50.0	51.3		ug/L		103	70 - 130
Chlorobenzene	50.0	49.7		ug/L		99	70 - 130
Chlorobromomethane	50.0	47.5		ug/L		95	70 - 130
Chlorodibromomethane	50.0	51.2		ug/L		102	70 - 130
Chloroethane	50.0	68.5		ug/L		137	31 - 213
Chloroform	50.0	50.9		ug/L		102	70 - 130
Chloromethane	50.0	46.8		ug/L		94	59 - 127
cis-1,2-Dichloroethene	50.0	52.2		ug/L		104	70 - 130
cis-1,3-Dichloropropene	50.0	50.4		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	38.9		ug/L		78	70 - 130
1,2-Dibromoethane	50.0	50.1		ug/L		100	70 - 130
Dibromomethane	50.0	52.3		ug/L		105	70 - 130
1,2-Dichlorobenzene	50.0	50.6		ug/L		101	70 - 130
1,4-Dichlorobenzene	50.0	51.5		ug/L		103	70 - 130
Dichlorobromomethane	50.0	50.9		ug/L		102	70 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCS 680-702856/4
Matrix: Water
Analysis Batch: 702856

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	51.3		ug/L		103	70 - 130
1,2-Dichloroethane	50.0	53.5		ug/L		107	70 - 130
1,1-Dichloroethene	50.0	50.4		ug/L		101	70 - 130
1,2-Dichloropropane	50.0	51.8		ug/L		104	70 - 130
Ethylbenzene	50.0	51.1		ug/L		102	70 - 130
2-Hexanone	250	214		ug/L		86	70 - 130
Iodomethane	50.0	54.4	J	ug/L		109	52 - 129
Methylene Chloride	50.0	50.5		ug/L		101	70 - 130
4-Methyl-2-pentanone (MIBK)	250	225		ug/L		90	68 - 120
m-Xylene & p-Xylene	50.0	55.6		ug/L		111	70 - 130
o-Xylene	50.0	53.1		ug/L		106	70 - 130
Styrene	50.0	51.0		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.2		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	50.0	44.5		ug/L		89	70 - 130
Tetrachloroethene	50.0	51.3		ug/L		103	70 - 130
Toluene	50.0	50.0		ug/L		100	70 - 130
trans-1,4-Dichloro-2-butene	50.0	46.8		ug/L		94	67 - 120
trans-1,2-Dichloroethene	50.0	50.2		ug/L		100	70 - 130
trans-1,3-Dichloropropene	50.0	51.5		ug/L		103	70 - 130
1,1,1-Trichloroethane	50.0	49.5		ug/L		99	70 - 130
1,1,2-Trichloroethane	50.0	48.9		ug/L		98	70 - 130
Trichloroethene	50.0	51.0		ug/L		102	70 - 130
Trichlorofluoromethane	50.0	51.2		ug/L		102	63 - 142
1,2,3-Trichloropropane	50.0	44.4		ug/L		89	70 - 130
Vinyl acetate	100	79.8	J	ug/L		80	67 - 135
Vinyl chloride	50.0	45.6		ug/L		91	66 - 129
Xylenes, Total	100	109		ug/L		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
Dibromofluoromethane (Surr)	106		70 - 130
1,2-Dichloroethane-d4 (Surr)	109		60 - 124
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 680-702856/5
Matrix: Water
Analysis Batch: 702856

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	244		ug/L		98	67 - 120	2	30
Acrylonitrile	500	537		ug/L		107	70 - 130	1	30
Benzene	50.0	50.0		ug/L		100	70 - 130	1	30
Bromoform	50.0	49.1		ug/L		98	69 - 129	2	30
Bromomethane	50.0	48.5		ug/L		97	28 - 192	1	30
2-Butanone (MEK)	250	211		ug/L		85	69 - 120	2	30
Carbon disulfide	50.0	50.9		ug/L		102	70 - 130	2	30
Carbon tetrachloride	50.0	50.3		ug/L		101	70 - 130	2	30
Chlorobenzene	50.0	48.3		ug/L		97	70 - 130	3	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCSD 680-702856/5
Matrix: Water
Analysis Batch: 702856

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
Chlorobromomethane	50.0	48.4		ug/L		97	70 - 130	2	30
Chlorodibromomethane	50.0	50.1		ug/L		100	70 - 130	2	30
Chloroethane	50.0	66.4		ug/L		133	31 - 213	3	30
Chloroform	50.0	50.5		ug/L		101	70 - 130	1	30
Chloromethane	50.0	46.8		ug/L		94	59 - 127	0	30
cis-1,2-Dichloroethene	50.0	53.2		ug/L		106	70 - 130	2	30
cis-1,3-Dichloropropene	50.0	50.3		ug/L		101	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	50.0	36.1		ug/L		72	70 - 130	7	30
1,2-Dibromoethane	50.0	50.3		ug/L		101	70 - 130	0	30
Dibromomethane	50.0	53.0		ug/L		106	70 - 130	1	30
1,2-Dichlorobenzene	50.0	48.9		ug/L		98	70 - 130	3	30
1,4-Dichlorobenzene	50.0	49.7		ug/L		99	70 - 130	4	30
Dichlorobromomethane	50.0	49.8		ug/L		100	70 - 130	2	30
1,1-Dichloroethane	50.0	51.6		ug/L		103	70 - 130	1	30
1,2-Dichloroethane	50.0	53.4		ug/L		107	70 - 130	0	50
1,1-Dichloroethene	50.0	50.3		ug/L		101	70 - 130	0	20
1,2-Dichloropropane	50.0	51.2		ug/L		102	70 - 130	1	20
Ethylbenzene	50.0	51.0		ug/L		102	70 - 130	0	20
2-Hexanone	250	222		ug/L		89	70 - 130	4	20
Iodomethane	50.0	53.2	J	ug/L		106	52 - 129	2	30
Methylene Chloride	50.0	49.7		ug/L		99	70 - 130	2	30
4-Methyl-2-pentanone (MIBK)	250	229		ug/L		91	68 - 120	2	30
m-Xylene & p-Xylene	50.0	54.9		ug/L		110	70 - 130	1	30
o-Xylene	50.0	53.9		ug/L		108	70 - 130	1	30
Styrene	50.0	50.4		ug/L		101	70 - 130	1	30
1,1,1,2-Tetrachloroethane	50.0	50.2		ug/L		100	70 - 130	4	30
1,1,2,2-Tetrachloroethane	50.0	45.1		ug/L		90	70 - 130	1	30
Tetrachloroethene	50.0	49.1		ug/L		98	70 - 130	5	30
Toluene	50.0	49.7		ug/L		99	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	48.8		ug/L		98	67 - 120	4	30
trans-1,2-Dichloroethene	50.0	48.9		ug/L		98	70 - 130	3	30
trans-1,3-Dichloropropene	50.0	51.0		ug/L		102	70 - 130	1	30
1,1,1-Trichloroethane	50.0	49.2		ug/L		98	70 - 130	1	30
1,1,2-Trichloroethane	50.0	48.1		ug/L		96	70 - 130	2	30
Trichloroethene	50.0	50.0		ug/L		100	70 - 130	2	30
Trichlorofluoromethane	50.0	50.9		ug/L		102	63 - 142	1	30
1,2,3-Trichloropropane	50.0	44.6		ug/L		89	70 - 130	1	30
Vinyl acetate	100	76.4	J	ug/L		76	67 - 135	4	30
Vinyl chloride	50.0	46.0		ug/L		92	66 - 129	1	30
Xylenes, Total	100	109		ug/L		109	70 - 130	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130
1,2-Dichloroethane-d4 (Surr)	110		60 - 124
Toluene-d8 (Surr)	98		70 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: MB 680-703001/9
Matrix: Water
Analysis Batch: 703001

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			01/14/22 14:37	1
Acrylonitrile	ND		50		ug/L			01/14/22 14:37	1
Benzene	ND		2.0		ug/L			01/14/22 14:37	1
Bromoform	ND		10		ug/L			01/14/22 14:37	1
Bromomethane	ND		10		ug/L			01/14/22 14:37	1
2-Butanone (MEK)	ND		100		ug/L			01/14/22 14:37	1
Carbon disulfide	ND		5.0		ug/L			01/14/22 14:37	1
Carbon tetrachloride	ND		2.0		ug/L			01/14/22 14:37	1
Chlorobenzene	ND		10		ug/L			01/14/22 14:37	1
Chlorobromomethane	ND		10		ug/L			01/14/22 14:37	1
Chlorodibromomethane	ND		10		ug/L			01/14/22 14:37	1
Chloroethane	ND		5.0		ug/L			01/14/22 14:37	1
Chloroform	ND		2.0		ug/L			01/14/22 14:37	1
Chloromethane	ND		10		ug/L			01/14/22 14:37	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 14:37	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 14:37	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/14/22 14:37	1
1,2-Dibromoethane	ND		5.0		ug/L			01/14/22 14:37	1
Dibromomethane	ND		10		ug/L			01/14/22 14:37	1
1,2-Dichlorobenzene	ND		10		ug/L			01/14/22 14:37	1
1,4-Dichlorobenzene	ND		10		ug/L			01/14/22 14:37	1
Dichlorobromomethane	ND		10		ug/L			01/14/22 14:37	1
1,1-Dichloroethane	ND		2.0		ug/L			01/14/22 14:37	1
1,2-Dichloroethane	ND		2.0		ug/L			01/14/22 14:37	1
1,1-Dichloroethene	ND		2.0		ug/L			01/14/22 14:37	1
1,2-Dichloropropane	ND		2.0		ug/L			01/14/22 14:37	1
Ethylbenzene	ND		2.0		ug/L			01/14/22 14:37	1
2-Hexanone	ND		50		ug/L			01/14/22 14:37	1
Iodomethane	ND		100		ug/L			01/14/22 14:37	1
Methylene Chloride	ND		5.0		ug/L			01/14/22 14:37	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/14/22 14:37	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/14/22 14:37	1
o-Xylene	ND		5.0		ug/L			01/14/22 14:37	1
Styrene	ND		10		ug/L			01/14/22 14:37	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 14:37	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 14:37	1
Tetrachloroethene	ND		2.0		ug/L			01/14/22 14:37	1
Toluene	ND		2.0		ug/L			01/14/22 14:37	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/14/22 14:37	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 14:37	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 14:37	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/14/22 14:37	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/14/22 14:37	1
Trichloroethene	ND		2.0		ug/L			01/14/22 14:37	1
Trichlorofluoromethane	ND		10		ug/L			01/14/22 14:37	1
1,2,3-Trichloropropane	ND		10		ug/L			01/14/22 14:37	1
Vinyl acetate	ND		100		ug/L			01/14/22 14:37	1
Vinyl chloride	ND		2.0		ug/L			01/14/22 14:37	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: MB 680-703001/9
Matrix: Water
Analysis Batch: 703001

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		5.0		ug/L			01/14/22 14:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130		01/14/22 14:37	1
Dibromofluoromethane (Surr)	103		70 - 130		01/14/22 14:37	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		01/14/22 14:37	1
Toluene-d8 (Surr)	100		70 - 130		01/14/22 14:37	1

Lab Sample ID: LCS 680-703001/4
Matrix: Water
Analysis Batch: 703001

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	228		ug/L		91	67 - 120
Acrylonitrile	500	461		ug/L		92	70 - 130
Benzene	50.0	50.5		ug/L		101	70 - 130
Bromoform	50.0	46.0		ug/L		92	69 - 129
Bromomethane	50.0	58.6		ug/L		117	28 - 192
2-Butanone (MEK)	250	204		ug/L		82	69 - 120
Carbon disulfide	50.0	48.3		ug/L		97	70 - 130
Carbon tetrachloride	50.0	45.7		ug/L		91	70 - 130
Chlorobenzene	50.0	50.1		ug/L		100	70 - 130
Chlorobromomethane	50.0	46.4		ug/L		93	70 - 130
Chlorodibromomethane	50.0	48.1		ug/L		96	70 - 130
Chloroethane	50.0	66.1		ug/L		132	31 - 213
Chloroform	50.0	47.1		ug/L		94	70 - 130
Chloromethane	50.0	43.9		ug/L		88	59 - 127
cis-1,2-Dichloroethane	50.0	48.5		ug/L		97	70 - 130
cis-1,3-Dichloropropene	50.0	47.5		ug/L		95	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	41.8		ug/L		84	70 - 130
1,2-Dibromoethane	50.0	49.6		ug/L		99	70 - 130
Dibromomethane	50.0	48.0		ug/L		96	70 - 130
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 130
1,4-Dichlorobenzene	50.0	49.2		ug/L		98	70 - 130
Dichlorobromomethane	50.0	45.6		ug/L		91	70 - 130
1,1-Dichloroethane	50.0	47.7		ug/L		95	70 - 130
1,2-Dichloroethane	50.0	47.8		ug/L		96	70 - 130
1,1-Dichloroethene	50.0	47.0		ug/L		94	70 - 130
1,2-Dichloropropane	50.0	49.3		ug/L		99	70 - 130
Ethylbenzene	50.0	50.5		ug/L		101	70 - 130
2-Hexanone	250	220		ug/L		88	70 - 130
Iodomethane	50.0	39.9	J	ug/L		80	52 - 129
Methylene Chloride	50.0	46.7		ug/L		93	70 - 130
4-Methyl-2-pentanone (MIBK)	250	231		ug/L		92	68 - 120
m-Xylene & p-Xylene	50.0	49.3		ug/L		99	70 - 130
o-Xylene	50.0	49.6		ug/L		99	70 - 130
Styrene	50.0	48.4		ug/L		97	70 - 130
1,1,1,2-Tetrachloroethane	50.0	48.9		ug/L		98	70 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCS 680-703001/4
Matrix: Water
Analysis Batch: 703001

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	50.0	47.2		ug/L		94	70 - 130
Tetrachloroethene	50.0	49.9		ug/L		100	70 - 130
Toluene	50.0	48.1		ug/L		96	70 - 130
trans-1,4-Dichloro-2-butene	50.0	41.3		ug/L		83	67 - 120
trans-1,2-Dichloroethene	50.0	48.3		ug/L		97	70 - 130
trans-1,3-Dichloropropene	50.0	48.5		ug/L		97	70 - 130
1,1,1-Trichloroethane	50.0	46.2		ug/L		92	70 - 130
1,1,2-Trichloroethane	50.0	47.2		ug/L		94	70 - 130
Trichloroethene	50.0	51.2		ug/L		102	70 - 130
Trichlorofluoromethane	50.0	47.7		ug/L		95	63 - 142
1,2,3-Trichloropropane	50.0	48.8		ug/L		98	70 - 130
Vinyl acetate	100	80.7	J	ug/L		81	67 - 135
Vinyl chloride	50.0	49.7		ug/L		99	66 - 129
Xylenes, Total	100	98.9		ug/L		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130
1,2-Dichloroethane-d4 (Surr)	94		60 - 124
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 680-703001/5
Matrix: Water
Analysis Batch: 703001

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	232		ug/L		93	67 - 120	2	30
Acrylonitrile	500	458		ug/L		92	70 - 130	1	30
Benzene	50.0	51.3		ug/L		103	70 - 130	2	30
Bromoform	50.0	46.9		ug/L		94	69 - 129	2	30
Bromomethane	50.0	58.5		ug/L		117	28 - 192	0	30
2-Butanone (MEK)	250	210		ug/L		84	69 - 120	3	30
Carbon disulfide	50.0	49.2		ug/L		98	70 - 130	2	30
Carbon tetrachloride	50.0	45.7		ug/L		91	70 - 130	0	30
Chlorobenzene	50.0	51.1		ug/L		102	70 - 130	2	30
Chlorobromomethane	50.0	45.7		ug/L		91	70 - 130	1	30
Chlorodibromomethane	50.0	48.3		ug/L		97	70 - 130	0	30
Chloroethane	50.0	67.0		ug/L		134	31 - 213	1	30
Chloroform	50.0	47.2		ug/L		94	70 - 130	0	30
Chloromethane	50.0	43.9		ug/L		88	59 - 127	0	30
cis-1,2-Dichloroethene	50.0	48.5		ug/L		97	70 - 130	0	30
cis-1,3-Dichloropropene	50.0	47.6		ug/L		95	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	50.0	43.3		ug/L		87	70 - 130	3	30
1,2-Dibromoethane	50.0	50.0		ug/L		100	70 - 130	1	30
Dibromomethane	50.0	47.8		ug/L		96	70 - 130	0	30
1,2-Dichlorobenzene	50.0	51.3		ug/L		103	70 - 130	1	30
1,4-Dichlorobenzene	50.0	49.7		ug/L		99	70 - 130	1	30
Dichlorobromomethane	50.0	46.3		ug/L		93	70 - 130	2	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCSD 680-703001/5
Matrix: Water
Analysis Batch: 703001

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
1,1-Dichloroethane	50.0	48.4		ug/L		97	70 - 130	2	30
1,2-Dichloroethane	50.0	48.8		ug/L		98	70 - 130	2	50
1,1-Dichloroethene	50.0	47.0		ug/L		94	70 - 130	0	20
1,2-Dichloropropane	50.0	49.5		ug/L		99	70 - 130	0	20
Ethylbenzene	50.0	51.1		ug/L		102	70 - 130	1	20
2-Hexanone	250	224		ug/L		90	70 - 130	2	20
Iodomethane	50.0	41.8	J	ug/L		84	52 - 129	5	30
Methylene Chloride	50.0	46.4		ug/L		93	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)	250	238		ug/L		95	68 - 120	3	30
m-Xylene & p-Xylene	50.0	50.1		ug/L		100	70 - 130	2	30
o-Xylene	50.0	50.4		ug/L		101	70 - 130	2	30
Styrene	50.0	48.6		ug/L		97	70 - 130	0	30
1,1,1,2-Tetrachloroethane	50.0	49.9		ug/L		100	70 - 130	2	30
1,1,2,2-Tetrachloroethane	50.0	48.0		ug/L		96	70 - 130	2	30
Tetrachloroethene	50.0	49.7		ug/L		99	70 - 130	0	30
Toluene	50.0	49.1		ug/L		98	70 - 130	2	30
trans-1,4-Dichloro-2-butene	50.0	43.0		ug/L		86	67 - 120	4	30
trans-1,2-Dichloroethene	50.0	47.5		ug/L		95	70 - 130	2	30
trans-1,3-Dichloropropene	50.0	48.1		ug/L		96	70 - 130	1	30
1,1,1-Trichloroethane	50.0	46.8		ug/L		94	70 - 130	1	30
1,1,2-Trichloroethane	50.0	47.2		ug/L		94	70 - 130	0	30
Trichloroethene	50.0	52.3		ug/L		105	70 - 130	2	30
Trichlorofluoromethane	50.0	48.0		ug/L		96	63 - 142	1	30
1,2,3-Trichloropropane	50.0	48.7		ug/L		97	70 - 130	0	30
Vinyl acetate	100	80.9	J	ug/L		81	67 - 135	0	30
Vinyl chloride	50.0	50.7		ug/L		101	66 - 129	2	30
Xylenes, Total	100	101		ug/L		101	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130
1,2-Dichloroethane-d4 (Surr)	96		60 - 124
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: MB 680-703009/9
Matrix: Water
Analysis Batch: 703009

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			01/14/22 13:24	1
Acrylonitrile	ND		50		ug/L			01/14/22 13:24	1
Benzene	ND		2.0		ug/L			01/14/22 13:24	1
Bromoform	ND		10		ug/L			01/14/22 13:24	1
Bromomethane	ND		10		ug/L			01/14/22 13:24	1
2-Butanone (MEK)	ND		100		ug/L			01/14/22 13:24	1
Carbon disulfide	ND		5.0		ug/L			01/14/22 13:24	1
Carbon tetrachloride	ND		2.0		ug/L			01/14/22 13:24	1
Chlorobenzene	ND		10		ug/L			01/14/22 13:24	1

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QC Sample Results

Client: GFL Environmental
 Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: MB 680-703009/9
Matrix: Water
Analysis Batch: 703009

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		10		ug/L			01/14/22 13:24	1
Chlorodibromomethane	ND		10		ug/L			01/14/22 13:24	1
Chloroethane	ND		5.0		ug/L			01/14/22 13:24	1
Chloroform	ND		2.0		ug/L			01/14/22 13:24	1
Chloromethane	ND		10		ug/L			01/14/22 13:24	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 13:24	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 13:24	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/14/22 13:24	1
1,2-Dibromoethane	ND		5.0		ug/L			01/14/22 13:24	1
Dibromomethane	ND		10		ug/L			01/14/22 13:24	1
1,2-Dichlorobenzene	ND		10		ug/L			01/14/22 13:24	1
1,4-Dichlorobenzene	ND		10		ug/L			01/14/22 13:24	1
Dichlorobromomethane	ND		10		ug/L			01/14/22 13:24	1
1,1-Dichloroethane	ND		2.0		ug/L			01/14/22 13:24	1
1,2-Dichloroethane	ND		2.0		ug/L			01/14/22 13:24	1
1,1-Dichloroethene	ND		2.0		ug/L			01/14/22 13:24	1
1,2-Dichloropropane	ND		2.0		ug/L			01/14/22 13:24	1
Ethylbenzene	ND		2.0		ug/L			01/14/22 13:24	1
2-Hexanone	ND		50		ug/L			01/14/22 13:24	1
Iodomethane	ND		100		ug/L			01/14/22 13:24	1
Methylene Chloride	ND		5.0		ug/L			01/14/22 13:24	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/14/22 13:24	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/14/22 13:24	1
o-Xylene	ND		5.0		ug/L			01/14/22 13:24	1
Styrene	ND		10		ug/L			01/14/22 13:24	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 13:24	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 13:24	1
Tetrachloroethene	ND		2.0		ug/L			01/14/22 13:24	1
Toluene	ND		2.0		ug/L			01/14/22 13:24	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/14/22 13:24	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 13:24	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 13:24	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/14/22 13:24	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/14/22 13:24	1
Trichloroethene	ND		2.0		ug/L			01/14/22 13:24	1
Trichlorofluoromethane	ND		10		ug/L			01/14/22 13:24	1
1,2,3-Trichloropropane	ND		10		ug/L			01/14/22 13:24	1
Vinyl acetate	ND		100		ug/L			01/14/22 13:24	1
Vinyl chloride	ND		2.0		ug/L			01/14/22 13:24	1
Xylenes, Total	ND		5.0		ug/L			01/14/22 13:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130		01/14/22 13:24	1
Dibromofluoromethane (Surr)	104		70 - 130		01/14/22 13:24	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 124		01/14/22 13:24	1
Toluene-d8 (Surr)	100		70 - 130		01/14/22 13:24	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCS 680-703009/4
Matrix: Water
Analysis Batch: 703009

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	252		ug/L		101	67 - 120
Acrylonitrile	500	455		ug/L		91	70 - 130
Benzene	50.0	51.0		ug/L		102	70 - 130
Bromoform	50.0	44.6		ug/L		89	69 - 129
Bromomethane	50.0	32.5		ug/L		65	28 - 192
2-Butanone (MEK)	250	226		ug/L		91	69 - 120
Carbon disulfide	50.0	51.9		ug/L		104	70 - 130
Carbon tetrachloride	50.0	55.4		ug/L		111	70 - 130
Chlorobenzene	50.0	46.6		ug/L		93	70 - 130
Chlorobromomethane	50.0	52.4		ug/L		105	70 - 130
Chlorodibromomethane	50.0	49.2		ug/L		98	70 - 130
Chloroethane	50.0	20.4		ug/L		41	31 - 213
Chloroform	50.0	52.7		ug/L		105	70 - 130
Chloromethane	50.0	52.5		ug/L		105	59 - 127
cis-1,2-Dichloroethene	50.0	57.9		ug/L		116	70 - 130
cis-1,3-Dichloropropene	50.0	55.3		ug/L		111	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	47.7		ug/L		95	70 - 130
1,2-Dibromoethane	50.0	52.5		ug/L		105	70 - 130
Dibromomethane	50.0	51.7		ug/L		103	70 - 130
1,2-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 130
1,4-Dichlorobenzene	50.0	47.6		ug/L		95	70 - 130
Dichlorobromomethane	50.0	57.5		ug/L		115	70 - 130
1,1-Dichloroethane	50.0	54.9		ug/L		110	70 - 130
1,2-Dichloroethane	50.0	57.8		ug/L		116	70 - 130
1,1-Dichloroethene	50.0	51.0		ug/L		102	70 - 130
1,2-Dichloropropane	50.0	54.0		ug/L		108	70 - 130
Ethylbenzene	50.0	48.9		ug/L		98	70 - 130
2-Hexanone	250	228		ug/L		91	70 - 130
Iodomethane	50.0	54.9 J		ug/L		110	52 - 129
Methylene Chloride	50.0	50.1		ug/L		100	70 - 130
4-Methyl-2-pentanone (MIBK)	250	224		ug/L		90	68 - 120
m-Xylene & p-Xylene	50.0	50.9		ug/L		102	70 - 130
o-Xylene	50.0	51.0		ug/L		102	70 - 130
Styrene	50.0	50.2		ug/L		100	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.4		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.9		ug/L		94	70 - 130
Tetrachloroethene	50.0	48.7		ug/L		97	70 - 130
Toluene	50.0	50.8		ug/L		102	70 - 130
trans-1,4-Dichloro-2-butene	50.0	42.6		ug/L		85	67 - 120
trans-1,2-Dichloroethene	50.0	50.8		ug/L		102	70 - 130
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	70 - 130
1,1,1-Trichloroethane	50.0	54.2		ug/L		108	70 - 130
1,1,2-Trichloroethane	50.0	52.7		ug/L		105	70 - 130
Trichloroethene	50.0	54.1		ug/L		108	70 - 130
Trichlorofluoromethane	50.0	48.8		ug/L		98	63 - 142
1,2,3-Trichloropropane	50.0	43.5		ug/L		87	70 - 130
Vinyl acetate	100	111		ug/L		111	67 - 135
Vinyl chloride	50.0	57.8		ug/L		116	66 - 129

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCS 680-703009/4
Matrix: Water
Analysis Batch: 703009

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	102		ug/L		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
Dibromofluoromethane (Surr)	105		70 - 130
1,2-Dichloroethane-d4 (Surr)	113		60 - 124
Toluene-d8 (Surr)	95		70 - 130

Lab Sample ID: LCSD 680-703009/5
Matrix: Water
Analysis Batch: 703009

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	239		ug/L		96	67 - 120	5	30
Acrylonitrile	500	453		ug/L		91	70 - 130	0	30
Benzene	50.0	50.6		ug/L		101	70 - 130	1	30
Bromoform	50.0	45.7		ug/L		91	69 - 129	2	30
Bromomethane	50.0	32.1		ug/L		64	28 - 192	1	30
2-Butanone (MEK)	250	221		ug/L		88	69 - 120	2	30
Carbon disulfide	50.0	51.8		ug/L		104	70 - 130	0	30
Carbon tetrachloride	50.0	56.7		ug/L		113	70 - 130	2	30
Chlorobenzene	50.0	48.0		ug/L		96	70 - 130	3	30
Chlorobromomethane	50.0	53.6		ug/L		107	70 - 130	2	30
Chlorodibromomethane	50.0	48.4		ug/L		97	70 - 130	2	30
Chloroethane	50.0	21.5		ug/L		43	31 - 213	5	30
Chloroform	50.0	53.5		ug/L		107	70 - 130	2	30
Chloromethane	50.0	53.2		ug/L		106	59 - 127	1	30
cis-1,2-Dichloroethene	50.0	57.3		ug/L		115	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	56.3		ug/L		113	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	50.0	49.5		ug/L		99	70 - 130	4	30
1,2-Dibromoethane	50.0	52.2		ug/L		104	70 - 130	1	30
Dibromomethane	50.0	51.7		ug/L		103	70 - 130	0	30
1,2-Dichlorobenzene	50.0	50.2		ug/L		100	70 - 130	2	30
1,4-Dichlorobenzene	50.0	49.4		ug/L		99	70 - 130	4	30
Dichlorobromomethane	50.0	57.2		ug/L		114	70 - 130	1	30
1,1-Dichloroethane	50.0	54.6		ug/L		109	70 - 130	1	30
1,2-Dichloroethane	50.0	57.6		ug/L		115	70 - 130	0	50
1,1-Dichloroethene	50.0	50.9		ug/L		102	70 - 130	0	20
1,2-Dichloropropane	50.0	54.5		ug/L		109	70 - 130	1	20
Ethylbenzene	50.0	49.1		ug/L		98	70 - 130	0	20
2-Hexanone	250	227		ug/L		91	70 - 130	0	20
Iodomethane	50.0	54.2	J	ug/L		108	52 - 129	1	30
Methylene Chloride	50.0	49.9		ug/L		100	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	250	218		ug/L		87	68 - 120	3	30
m-Xylene & p-Xylene	50.0	52.2		ug/L		104	70 - 130	3	30
o-Xylene	50.0	52.0		ug/L		104	70 - 130	2	30
Styrene	50.0	51.2		ug/L		102	70 - 130	2	30
1,1,1,2-Tetrachloroethane	50.0	53.4		ug/L		107	70 - 130	2	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCSD 680-703009/5
Matrix: Water
Analysis Batch: 703009

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
1,1,2,2-Tetrachloroethane	50.0	48.2		ug/L		96	70 - 130	3	30
Tetrachloroethene	50.0	49.7		ug/L		99	70 - 130	2	30
Toluene	50.0	50.0		ug/L		100	70 - 130	2	30
trans-1,4-Dichloro-2-butene	50.0	43.1		ug/L		86	67 - 120	1	30
trans-1,2-Dichloroethene	50.0	49.7		ug/L		99	70 - 130	2	30
trans-1,3-Dichloropropene	50.0	47.4		ug/L		95	70 - 130	2	30
1,1,1-Trichloroethane	50.0	54.0		ug/L		108	70 - 130	0	30
1,1,2-Trichloroethane	50.0	51.9		ug/L		104	70 - 130	1	30
Trichloroethene	50.0	54.2		ug/L		108	70 - 130	0	30
Trichlorofluoromethane	50.0	50.3		ug/L		101	63 - 142	3	30
1,2,3-Trichloropropane	50.0	45.4		ug/L		91	70 - 130	4	30
Vinyl acetate	100	106		ug/L		106	67 - 135	5	30
Vinyl chloride	50.0	59.1		ug/L		118	66 - 129	2	30
Xylenes, Total	100	104		ug/L		104	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130
1,2-Dichloroethane-d4 (Surr)	112		60 - 124
Toluene-d8 (Surr)	95		70 - 130

Lab Sample ID: MB 680-703024/9
Matrix: Water
Analysis Batch: 703024

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			01/14/22 14:20	1
Acrylonitrile	ND		50		ug/L			01/14/22 14:20	1
Benzene	ND		2.0		ug/L			01/14/22 14:20	1
Bromoform	ND		10		ug/L			01/14/22 14:20	1
Bromomethane	ND		10		ug/L			01/14/22 14:20	1
2-Butanone (MEK)	ND		100		ug/L			01/14/22 14:20	1
Carbon disulfide	ND		5.0		ug/L			01/14/22 14:20	1
Carbon tetrachloride	ND		2.0		ug/L			01/14/22 14:20	1
Chlorobenzene	ND		10		ug/L			01/14/22 14:20	1
Chlorobromomethane	ND		10		ug/L			01/14/22 14:20	1
Chlorodibromomethane	ND		10		ug/L			01/14/22 14:20	1
Chloroethane	ND		5.0		ug/L			01/14/22 14:20	1
Chloroform	ND		2.0		ug/L			01/14/22 14:20	1
Chloromethane	ND		10		ug/L			01/14/22 14:20	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 14:20	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 14:20	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			01/14/22 14:20	1
1,2-Dibromoethane	ND		5.0		ug/L			01/14/22 14:20	1
Dibromomethane	ND		10		ug/L			01/14/22 14:20	1
1,2-Dichlorobenzene	ND		10		ug/L			01/14/22 14:20	1
1,4-Dichlorobenzene	ND		10		ug/L			01/14/22 14:20	1
Dichlorobromomethane	ND		10		ug/L			01/14/22 14:20	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: MB 680-703024/9
Matrix: Water
Analysis Batch: 703024

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		2.0		ug/L			01/14/22 14:20	1
1,2-Dichloroethane	ND		2.0		ug/L			01/14/22 14:20	1
1,1-Dichloroethene	ND		2.0		ug/L			01/14/22 14:20	1
1,2-Dichloropropane	ND		2.0		ug/L			01/14/22 14:20	1
Ethylbenzene	ND		2.0		ug/L			01/14/22 14:20	1
2-Hexanone	ND		50		ug/L			01/14/22 14:20	1
Iodomethane	ND		100		ug/L			01/14/22 14:20	1
Methylene Chloride	ND		5.0		ug/L			01/14/22 14:20	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/14/22 14:20	1
m-Xylene & p-Xylene	ND		5.0		ug/L			01/14/22 14:20	1
o-Xylene	ND		5.0		ug/L			01/14/22 14:20	1
Styrene	ND		10		ug/L			01/14/22 14:20	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 14:20	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/14/22 14:20	1
Tetrachloroethene	ND		2.0		ug/L			01/14/22 14:20	1
Toluene	ND		2.0		ug/L			01/14/22 14:20	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			01/14/22 14:20	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			01/14/22 14:20	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			01/14/22 14:20	1
1,1,1-Trichloroethane	ND		2.0		ug/L			01/14/22 14:20	1
1,1,2-Trichloroethane	ND		2.0		ug/L			01/14/22 14:20	1
Trichloroethene	ND		2.0		ug/L			01/14/22 14:20	1
Trichlorofluoromethane	ND		10		ug/L			01/14/22 14:20	1
1,2,3-Trichloropropane	ND		10		ug/L			01/14/22 14:20	1
Vinyl acetate	ND		100		ug/L			01/14/22 14:20	1
Vinyl chloride	ND		2.0		ug/L			01/14/22 14:20	1
Xylenes, Total	ND		5.0		ug/L			01/14/22 14:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130		01/14/22 14:20	1
Dibromofluoromethane (Surr)	111		70 - 130		01/14/22 14:20	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 124		01/14/22 14:20	1
Toluene-d8 (Surr)	112		70 - 130		01/14/22 14:20	1

Lab Sample ID: LCS 680-703024/4
Matrix: Water
Analysis Batch: 703024

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	289		ug/L		115	67 - 120
Acrylonitrile	500	583		ug/L		117	70 - 130
Benzene	50.0	52.3		ug/L		105	70 - 130
Bromoform	50.0	61.3		ug/L		123	69 - 129
Bromomethane	50.0	56.6		ug/L		113	28 - 192
2-Butanone (MEK)	250	213		ug/L		85	69 - 120
Carbon disulfide	50.0	54.9		ug/L		110	70 - 130
Carbon tetrachloride	50.0	49.1		ug/L		98	70 - 130
Chlorobenzene	50.0	54.3		ug/L		109	70 - 130

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCS 680-703024/4
Matrix: Water
Analysis Batch: 703024

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobromomethane	50.0	55.2		ug/L		110	70 - 130
Chlorodibromomethane	50.0	45.3		ug/L		91	70 - 130
Chloroethane	50.0	56.4		ug/L		113	31 - 213
Chloroform	50.0	51.3		ug/L		103	70 - 130
Chloromethane	50.0	54.6		ug/L		109	59 - 127
cis-1,2-Dichloroethene	50.0	54.7		ug/L		109	70 - 130
cis-1,3-Dichloropropene	50.0	31.0	*-	ug/L		62	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	35.0		ug/L		70	70 - 130
1,2-Dibromoethane	50.0	42.1		ug/L		84	70 - 130
Dibromomethane	50.0	49.9		ug/L		100	70 - 130
1,2-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 130
1,4-Dichlorobenzene	50.0	49.7		ug/L		99	70 - 130
Dichlorobromomethane	50.0	46.2		ug/L		92	70 - 130
1,1-Dichloroethane	50.0	53.4		ug/L		107	70 - 130
1,2-Dichloroethane	50.0	46.2		ug/L		92	70 - 130
1,1-Dichloroethene	50.0	60.3		ug/L		121	70 - 130
1,2-Dichloropropane	50.0	51.7		ug/L		103	70 - 130
Ethylbenzene	50.0	54.3		ug/L		109	70 - 130
2-Hexanone	250	207		ug/L		83	70 - 130
Iodomethane	50.0	63.0	J	ug/L		126	52 - 129
Methylene Chloride	50.0	56.4		ug/L		113	70 - 130
4-Methyl-2-pentanone (MIBK)	250	174		ug/L		70	68 - 120
m-Xylene & p-Xylene	50.0	52.8		ug/L		106	70 - 130
o-Xylene	50.0	58.5		ug/L		117	70 - 130
Styrene	50.0	63.9		ug/L		128	70 - 130
1,1,1,2-Tetrachloroethane	50.0	55.0		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.5		ug/L		99	70 - 130
Tetrachloroethene	50.0	42.3		ug/L		85	70 - 130
Toluene	50.0	39.2		ug/L		78	70 - 130
trans-1,4-Dichloro-2-butene	50.0	58.8		ug/L		118	67 - 120
trans-1,2-Dichloroethene	50.0	55.3		ug/L		111	70 - 130
trans-1,3-Dichloropropene	50.0	36.6		ug/L		73	70 - 130
1,1,1-Trichloroethane	50.0	47.5		ug/L		95	70 - 130
1,1,2-Trichloroethane	50.0	44.7		ug/L		89	70 - 130
Trichloroethene	50.0	54.6		ug/L		109	70 - 130
Trichlorofluoromethane	50.0	49.8		ug/L		100	63 - 142
1,2,3-Trichloropropane	50.0	61.6		ug/L		123	70 - 130
Vinyl acetate	100	85.0	J	ug/L		85	67 - 135
Vinyl chloride	50.0	62.1		ug/L		124	66 - 129
Xylenes, Total	100	111		ug/L		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
Dibromofluoromethane (Surr)	107		70 - 130
1,2-Dichloroethane-d4 (Surr)	83		60 - 124
Toluene-d8 (Surr)	97		70 - 130

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCSD 680-703024/5
Matrix: Water
Analysis Batch: 703024

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	267		ug/L		107	67 - 120	8	30
Acrylonitrile	500	531		ug/L		106	70 - 130	9	30
Benzene	50.0	49.4		ug/L		99	70 - 130	6	30
Bromoform	50.0	55.7		ug/L		111	69 - 129	10	30
Bromomethane	50.0	57.0		ug/L		114	28 - 192	1	30
2-Butanone (MEK)	250	222		ug/L		89	69 - 120	4	30
Carbon disulfide	50.0	49.3		ug/L		99	70 - 130	11	30
Carbon tetrachloride	50.0	45.6		ug/L		91	70 - 130	7	30
Chlorobenzene	50.0	52.1		ug/L		104	70 - 130	4	30
Chlorobromomethane	50.0	48.1		ug/L		96	70 - 130	14	30
Chlorodibromomethane	50.0	49.0		ug/L		98	70 - 130	8	30
Chloroethane	50.0	52.9		ug/L		106	31 - 213	6	30
Chloroform	50.0	48.1		ug/L		96	70 - 130	6	30
Chloromethane	50.0	51.3		ug/L		103	59 - 127	6	30
cis-1,2-Dichloroethene	50.0	49.2		ug/L		98	70 - 130	10	30
cis-1,3-Dichloropropene	50.0	44.5	*1	ug/L		89	70 - 130	36	20
1,2-Dibromo-3-Chloropropane	50.0	37.7		ug/L		75	70 - 130	7	30
1,2-Dibromoethane	50.0	45.8		ug/L		92	70 - 130	8	30
Dibromomethane	50.0	51.4		ug/L		103	70 - 130	3	30
1,2-Dichlorobenzene	50.0	49.5		ug/L		99	70 - 130	0	30
1,4-Dichlorobenzene	50.0	49.6		ug/L		99	70 - 130	0	30
Dichlorobromomethane	50.0	45.3		ug/L		91	70 - 130	2	30
1,1-Dichloroethane	50.0	50.7		ug/L		101	70 - 130	5	30
1,2-Dichloroethane	50.0	43.2		ug/L		86	70 - 130	7	50
1,1-Dichloroethene	50.0	54.3		ug/L		109	70 - 130	10	20
1,2-Dichloropropane	50.0	51.5		ug/L		103	70 - 130	0	20
Ethylbenzene	50.0	50.8		ug/L		102	70 - 130	7	20
2-Hexanone	250	230		ug/L		92	70 - 130	11	20
Iodomethane	50.0	58.5	J	ug/L		117	52 - 129	8	30
Methylene Chloride	50.0	52.2		ug/L		104	70 - 130	8	30
4-Methyl-2-pentanone (MIBK)	250	223		ug/L		89	68 - 120	25	30
m-Xylene & p-Xylene	50.0	51.2		ug/L		102	70 - 130	3	30
o-Xylene	50.0	51.9		ug/L		104	70 - 130	12	30
Styrene	50.0	56.9		ug/L		114	70 - 130	12	30
1,1,1,2-Tetrachloroethane	50.0	53.6		ug/L		107	70 - 130	3	30
1,1,2,2-Tetrachloroethane	50.0	47.0		ug/L		94	70 - 130	5	30
Tetrachloroethene	50.0	45.6		ug/L		91	70 - 130	7	30
Toluene	50.0	46.6		ug/L		93	70 - 130	17	30
trans-1,4-Dichloro-2-butene	50.0	52.9		ug/L		106	67 - 120	11	30
trans-1,2-Dichloroethene	50.0	49.5		ug/L		99	70 - 130	11	30
trans-1,3-Dichloropropene	50.0	42.5		ug/L		85	70 - 130	15	30
1,1,1-Trichloroethane	50.0	44.4		ug/L		89	70 - 130	7	30
1,1,2-Trichloroethane	50.0	46.9		ug/L		94	70 - 130	5	30
Trichloroethene	50.0	53.0		ug/L		106	70 - 130	3	30
Trichlorofluoromethane	50.0	46.8		ug/L		94	63 - 142	6	30
1,2,3-Trichloropropane	50.0	52.0		ug/L		104	70 - 130	17	30
Vinyl acetate	100	81.5	J	ug/L		82	67 - 135	4	30
Vinyl chloride	50.0	55.9		ug/L		112	66 - 129	11	30

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCSD 680-703024/5
Matrix: Water
Analysis Batch: 703024

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	103		ug/L		103	70 - 130	8	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
Dibromofluoromethane (Surr)	102		70 - 130
1,2-Dichloroethane-d4 (Surr)	86		60 - 124
Toluene-d8 (Surr)	108		70 - 130

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 680-702750/2
Matrix: Water
Analysis Batch: 702750

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			01/12/22 10:39	1

Lab Sample ID: LCS 680-702750/3
Matrix: Water
Analysis Batch: 702750

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	10.2		mg/L		102	90 - 110

Lab Sample ID: LCSD 680-702750/4
Matrix: Water
Analysis Batch: 702750

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	10.2		mg/L		102	90 - 110	0	15

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-702523/1-A
Matrix: Water
Analysis Batch: 702844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702523

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0030		mg/L		01/11/22 09:19	01/12/22 13:45	1
Barium, Dissolved	ND		0.0050		mg/L		01/11/22 09:19	01/12/22 13:45	1
Cadmium, Dissolved	ND		0.00050		mg/L		01/11/22 09:19	01/12/22 13:45	1
Chromium, Dissolved	ND		0.0050		mg/L		01/11/22 09:19	01/12/22 13:45	1
Lead, Dissolved	ND		0.0025		mg/L		01/11/22 09:19	01/12/22 13:45	1
Nickel, Dissolved	ND		0.0050		mg/L		01/11/22 09:19	01/12/22 13:45	1
Selenium	ND		0.040		mg/L		01/11/22 09:19	01/12/22 13:45	1
Silver, Dissolved	ND		0.0010		mg/L		01/11/22 09:19	01/12/22 13:45	1
Zinc, Dissolved	ND		0.020		mg/L		01/11/22 09:19	01/12/22 13:45	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCS 680-702523/2-A
Matrix: Water
Analysis Batch: 702844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Arsenic, Dissolved	0.100	0.101		mg/L		101	80 - 120	
Barium, Dissolved	0.100	0.103		mg/L		103	80 - 120	
Cadmium, Dissolved	0.0500	0.0508		mg/L		102	80 - 120	
Chromium, Dissolved	0.100	0.0991		mg/L		99	80 - 120	
Lead, Dissolved	0.505	0.535		mg/L		106	80 - 120	
Nickel, Dissolved	0.0990	0.105		mg/L		106	80 - 120	
Selenium	0.100	0.0981		mg/L		98	80 - 120	
Silver, Dissolved	0.0500	0.0523		mg/L		105	80 - 120	
Zinc, Dissolved	0.100	0.104		mg/L		104	80 - 120	

Lab Sample ID: MB 680-702537/1-A
Matrix: Water
Analysis Batch: 702844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702537

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:12	1
Barium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:12	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:01	01/12/22 15:12	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:01	01/12/22 15:12	1
Chromium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:12	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:01	01/12/22 15:12	1
Copper	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:12	1
Lead	ND		0.015		mg/L		01/11/22 10:01	01/12/22 15:12	1
Nickel	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:12	1
Selenium	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:12	1
Silver	ND		0.010		mg/L		01/11/22 10:01	01/12/22 15:12	1
Thallium	ND		0.0020		mg/L		01/11/22 10:01	01/12/22 15:12	1
Vanadium	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:12	1
Zinc	ND		0.020		mg/L		01/11/22 10:01	01/12/22 15:12	1

Lab Sample ID: LCS 680-702537/2-A
Matrix: Water
Analysis Batch: 702844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702537

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Antimony	0.0500	0.0517		mg/L		104	80 - 120	
Arsenic	0.100	0.101		mg/L		101	80 - 120	
Barium	0.100	0.103		mg/L		103	80 - 120	
Beryllium	0.0500	0.0514		mg/L		103	80 - 120	
Cadmium	0.0500	0.0509		mg/L		102	80 - 120	
Chromium	0.100	0.102		mg/L		102	80 - 120	
Cobalt	0.0500	0.0525		mg/L		105	80 - 120	
Copper	0.0991	0.108		mg/L		109	80 - 120	
Lead	0.505	0.531		mg/L		105	80 - 120	
Nickel	0.0990	0.103		mg/L		104	80 - 120	
Selenium	0.100	0.0980		mg/L		98	80 - 120	
Silver	0.0500	0.0517		mg/L		103	80 - 120	
Thallium	0.0400	0.0396		mg/L		99	80 - 120	

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: LCS 680-702537/2-A
Matrix: Water
Analysis Batch: 702844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702537

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	0.0998	0.100		mg/L		101	80 - 120
Zinc	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: 680-209845-3 MS
Matrix: Ground Water
Analysis Batch: 702844

Client Sample ID: GWC-1
Prep Type: Total/NA
Prep Batch: 702537

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.0500	0.0497		mg/L		100	75 - 125
Arsenic	ND		0.100	0.0960		mg/L		96	75 - 125
Barium	ND		0.100	0.109		mg/L		99	75 - 125
Beryllium	ND		0.0500	0.0488		mg/L		98	75 - 125
Cadmium	ND		0.0500	0.0487		mg/L		97	75 - 125
Chromium	ND		0.100	0.0975		mg/L		97	75 - 125
Cobalt	ND		0.0500	0.0506		mg/L		98	75 - 125
Copper	ND		0.0991	0.103		mg/L		104	75 - 125
Lead	ND		0.505	0.516		mg/L		102	75 - 125
Nickel	ND		0.0990	0.0999		mg/L		101	75 - 125
Selenium	ND		0.100	0.0937		mg/L		93	75 - 125
Silver	ND		0.0500	0.0499		mg/L		100	75 - 125
Thallium	ND		0.0400	0.0383		mg/L		96	75 - 125
Vanadium	ND		0.0998	0.0971		mg/L		97	75 - 125
Zinc	ND		0.100	0.0988		mg/L		99	75 - 125

Lab Sample ID: 680-209845-3 MSD
Matrix: Ground Water
Analysis Batch: 702844

Client Sample ID: GWC-1
Prep Type: Total/NA
Prep Batch: 702537

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	ND		0.0500	0.0538		mg/L		108	75 - 125	8	20
Arsenic	ND		0.100	0.102		mg/L		102	75 - 125	6	20
Barium	ND		0.100	0.115		mg/L		105	75 - 125	6	20
Beryllium	ND		0.0500	0.0543		mg/L		109	75 - 125	11	20
Cadmium	ND		0.0500	0.0519		mg/L		104	75 - 125	6	20
Chromium	ND		0.100	0.107		mg/L		107	75 - 125	9	20
Cobalt	ND		0.0500	0.0549		mg/L		107	75 - 125	8	20
Copper	ND		0.0991	0.111		mg/L		112	75 - 125	7	20
Lead	ND		0.505	0.556		mg/L		110	75 - 125	7	20
Nickel	ND		0.0990	0.107		mg/L		108	75 - 125	6	20
Selenium	ND		0.100	0.101		mg/L		101	75 - 125	8	20
Silver	ND		0.0500	0.0531		mg/L		106	75 - 125	6	20
Thallium	ND		0.0400	0.0413		mg/L		103	75 - 125	8	20
Vanadium	ND		0.0998	0.105		mg/L		105	75 - 125	8	20
Zinc	ND		0.100	0.106		mg/L		106	75 - 125	7	20

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: MB 680-702554/1-A
Matrix: Water
Analysis Batch: 702844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702554

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 16:51	1
Arsenic	ND		0.010		mg/L		01/11/22 10:36	01/12/22 16:51	1
Barium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 16:51	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:36	01/12/22 16:51	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:36	01/12/22 16:51	1
Chromium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 16:51	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:36	01/12/22 16:51	1
Copper	ND		0.020		mg/L		01/11/22 10:36	01/12/22 16:51	1
Lead	ND		0.015		mg/L		01/11/22 10:36	01/12/22 16:51	1
Nickel	ND		0.020		mg/L		01/11/22 10:36	01/12/22 16:51	1
Selenium	ND		0.010		mg/L		01/11/22 10:36	01/12/22 16:51	1
Silver	ND		0.010		mg/L		01/11/22 10:36	01/12/22 16:51	1
Thallium	ND		0.0020		mg/L		01/11/22 10:36	01/12/22 16:51	1
Vanadium	ND		0.020		mg/L		01/11/22 10:36	01/12/22 16:51	1
Zinc	ND		0.020		mg/L		01/11/22 10:36	01/12/22 16:51	1

Lab Sample ID: LCS 680-702554/2-A
Matrix: Water
Analysis Batch: 702844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702554

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0533		mg/L		107	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	0.0505		mg/L		101	80 - 120
Cadmium	0.0500	0.0515		mg/L		103	80 - 120
Chromium	0.100	0.103		mg/L		103	80 - 120
Cobalt	0.0500	0.0536		mg/L		107	80 - 120
Copper	0.0991	0.110		mg/L		111	80 - 120
Lead	0.505	0.552		mg/L		109	80 - 120
Nickel	0.0990	0.105		mg/L		106	80 - 120
Selenium	0.100	0.103		mg/L		103	80 - 120
Silver	0.0500	0.0519		mg/L		104	80 - 120
Thallium	0.0400	0.0411		mg/L		103	80 - 120
Vanadium	0.0998	0.103		mg/L		103	80 - 120
Zinc	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: 680-209845-16 MS
Matrix: Ground Water
Analysis Batch: 702844

Client Sample ID: GWC-13R
Prep Type: Total/NA
Prep Batch: 702554

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.0500	0.0531		mg/L		106	75 - 125
Arsenic	ND		0.100	0.104		mg/L		104	75 - 125
Barium	0.052		0.100	0.156		mg/L		103	75 - 125
Beryllium	ND		0.0500	0.0523		mg/L		105	75 - 125
Cadmium	ND		0.0500	0.0522		mg/L		104	75 - 125
Chromium	ND		0.100	0.104		mg/L		104	75 - 125
Cobalt	ND		0.0500	0.0542		mg/L		108	75 - 125

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: 680-209845-16 MS
Matrix: Ground Water
Analysis Batch: 702844

Client Sample ID: GWC-13R
Prep Type: Total/NA
Prep Batch: 702554

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	ND		0.0991	0.111		mg/L		112	75 - 125
Lead	ND		0.505	0.551		mg/L		109	75 - 125
Nickel	ND		0.0990	0.109		mg/L		107	75 - 125
Selenium	ND		0.100	0.101		mg/L		101	75 - 125
Silver	ND		0.0500	0.0522		mg/L		104	75 - 125
Thallium	ND		0.0400	0.0412		mg/L		103	75 - 125
Vanadium	ND		0.0998	0.105		mg/L		105	75 - 125
Zinc	ND		0.100	0.106		mg/L		106	75 - 125

Lab Sample ID: 680-209845-16 MSD
Matrix: Ground Water
Analysis Batch: 702844

Client Sample ID: GWC-13R
Prep Type: Total/NA
Prep Batch: 702554

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	ND		0.0500	0.0548		mg/L		110	75 - 125	3	20
Arsenic	ND		0.100	0.105		mg/L		105	75 - 125	0	20
Barium	0.052		0.100	0.160		mg/L		108	75 - 125	3	20
Beryllium	ND		0.0500	0.0530		mg/L		106	75 - 125	1	20
Cadmium	ND		0.0500	0.0525		mg/L		105	75 - 125	1	20
Chromium	ND		0.100	0.105		mg/L		105	75 - 125	2	20
Cobalt	ND		0.0500	0.0545		mg/L		109	75 - 125	1	20
Copper	ND		0.0991	0.112		mg/L		113	75 - 125	1	20
Lead	ND		0.505	0.572		mg/L		113	75 - 125	4	20
Nickel	ND		0.0990	0.109		mg/L		107	75 - 125	0	20
Selenium	ND		0.100	0.102		mg/L		102	75 - 125	1	20
Silver	ND		0.0500	0.0537		mg/L		107	75 - 125	3	20
Thallium	ND		0.0400	0.0427		mg/L		107	75 - 125	4	20
Vanadium	ND		0.0998	0.106		mg/L		106	75 - 125	1	20
Zinc	ND		0.100	0.109		mg/L		109	75 - 125	3	20

Lab Sample ID: MB 680-702585/1-A
Matrix: Water
Analysis Batch: 702844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		01/11/22 10:59	01/12/22 19:38	1
Arsenic	ND		0.010		mg/L		01/11/22 10:59	01/12/22 19:38	1
Barium	ND		0.020		mg/L		01/11/22 10:59	01/12/22 19:38	1
Beryllium	ND		0.0030		mg/L		01/11/22 10:59	01/12/22 19:38	1
Cadmium	ND		0.0050		mg/L		01/11/22 10:59	01/12/22 19:38	1
Chromium	ND		0.010		mg/L		01/11/22 10:59	01/12/22 19:38	1
Cobalt	ND		0.0060		mg/L		01/11/22 10:59	01/12/22 19:38	1
Copper	ND		0.020		mg/L		01/11/22 10:59	01/12/22 19:38	1
Lead	ND		0.015		mg/L		01/11/22 10:59	01/12/22 19:38	1
Nickel	ND		0.020		mg/L		01/11/22 10:59	01/12/22 19:38	1
Selenium	ND		0.010		mg/L		01/11/22 10:59	01/12/22 19:38	1
Silver	ND		0.010		mg/L		01/11/22 10:59	01/12/22 19:38	1
Thallium	ND		0.0020		mg/L		01/11/22 10:59	01/12/22 19:38	1
Vanadium	ND		0.020		mg/L		01/11/22 10:59	01/12/22 19:38	1

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

Lab Sample ID: MB 680-702585/1-A
Matrix: Water
Analysis Batch: 702844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.020		mg/L		01/11/22 10:59	01/12/22 19:38	1

Lab Sample ID: LCS 680-702585/2-A
Matrix: Water
Analysis Batch: 702844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702585

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.0500	0.0546		mg/L		109	80 - 120
Arsenic	0.100	0.106		mg/L		106	80 - 120
Barium	0.100	0.108		mg/L		108	80 - 120
Beryllium	0.0500	0.0523		mg/L		105	80 - 120
Cadmium	0.0500	0.0536		mg/L		107	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0557		mg/L		112	80 - 120
Copper	0.0991	0.114		mg/L		115	80 - 120
Lead	0.505	0.576		mg/L		114	80 - 120
Nickel	0.0990	0.110		mg/L		111	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Silver	0.0500	0.0541		mg/L		108	80 - 120
Thallium	0.0400	0.0425		mg/L		106	80 - 120
Vanadium	0.0998	0.108		mg/L		108	80 - 120
Zinc	0.100	0.108		mg/L		108	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-702616/1-A
Matrix: Water
Analysis Batch: 702763

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		01/11/22 12:33	01/12/22 10:31	1

Lab Sample ID: LCS 680-702616/2-A
Matrix: Water
Analysis Batch: 702763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00266		mg/L		106	80 - 120

Lab Sample ID: 680-209845-42 MS
Matrix: Surface Water
Analysis Batch: 702763

Client Sample ID: SWA-1
Prep Type: Total/NA
Prep Batch: 702616

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	ND		0.00100	0.00107		mg/L		107	80 - 120

QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 680-209845-42 MSD
Matrix: Surface Water
Analysis Batch: 702763

Client Sample ID: SWA-1
Prep Type: Total/NA
Prep Batch: 702616

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.00104		mg/L		104	80 - 120	3	20

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

Lab Sample ID: MB 680-702573/1-A
Matrix: Water
Analysis Batch: 702699

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702573

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		01/11/22 10:44	01/11/22 16:50	1

Lab Sample ID: LCS 680-702573/2-A
Matrix: Water
Analysis Batch: 702699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702573

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0500	0.0451		mg/L		90	90 - 110

Method: 5220D-2011 - Chemical Oxygen Demand

Lab Sample ID: MB 680-702889/3
Matrix: Water
Analysis Batch: 702889

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			01/13/22 10:13	1

Lab Sample ID: LCS 680-702889/4
Matrix: Water
Analysis Batch: 702889

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	55.2		mg/L		110	90 - 110

Lab Sample ID: MB 680-703217/3
Matrix: Water
Analysis Batch: 703217

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			01/17/22 09:55	1

Lab Sample ID: LCS 680-703217/4
Matrix: Water
Analysis Batch: 703217

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	50.3		mg/L		101	90 - 110

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QC Sample Results

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Method: 5220D-2011 - Chemical Oxygen Demand (Continued)

Lab Sample ID: LLCS 680-703217/5
Matrix: Water
Analysis Batch: 703217

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	10.0	10.9		mg/L		109	50 - 150

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

Lab Sample ID: MB 680-702777/2
Matrix: Water
Analysis Batch: 702777

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Non-purgeable Organic Carbon	ND		1.0		mg/L			01/11/22 19:09	1

Lab Sample ID: LCS 680-702777/3
Matrix: Water
Analysis Batch: 702777

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Non-purgeable Organic Carbon	20.0	20.6		mg/L		103	80 - 120
TOC Result 1	20.0	20.4		mg/L		102	80 - 120
TOC Result 2	20.0	20.5		mg/L		102	80 - 120
TOC Result 3	20.0	20.9		mg/L		104	80 - 120
TOC Result 4	20.0	20.5		mg/L		102	80 - 120

Lab Sample ID: LCSD 680-702777/4
Matrix: Water
Analysis Batch: 702777

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 Non-purgeable Organic Carbon	20.0	20.5		mg/L		102	80 - 120	0	25
TOC Result 1	20.0	20.1		mg/L		101	80 - 120	1	25
TOC Result 2	20.0	20.5		mg/L		103	80 - 120	0	25
TOC Result 3	20.0	20.8		mg/L		104	80 - 120	0	25
TOC Result 4	20.0	20.7		mg/L		103	80 - 120	1	25

QC Association Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

GC/MS VOA

Analysis Batch: 702719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-3	GWC-1	Total/NA	Ground Water	8260D	
680-209845-30	GWC-27	Total/NA	Ground Water	8260D	
680-209845-31	GWC-28	Total/NA	Ground Water	8260D	
680-209845-32	GWC-29	Total/NA	Ground Water	8260D	
680-209845-36	SWC-5	Total/NA	Surface Water	8260D	
680-209845-44	Trip Blank	Total/NA	Water	8260D	
MB 680-702719/9	Method Blank	Total/NA	Water	8260D	
LCS 680-702719/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-702719/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 702735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-5	GWC-3	Total/NA	Ground Water	8260D	
680-209845-8	GWC-6	Total/NA	Ground Water	8260D	
680-209845-9	GWC-7	Total/NA	Ground Water	8260D	
680-209845-10	GWC-7A	Total/NA	Ground Water	8260D	
680-209845-12	GWC-9	Total/NA	Ground Water	8260D	
680-209845-14	GWC-11	Total/NA	Ground Water	8260D	
680-209845-15	GWC-12R	Total/NA	Ground Water	8260D	
680-209845-18	GWC-15	Total/NA	Ground Water	8260D	
680-209845-20	GWC-17	Total/NA	Ground Water	8260D	
680-209845-21	GWC-18	Total/NA	Ground Water	8260D	
MB 680-702735/9	Method Blank	Total/NA	Water	8260D	
LCS 680-702735/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-702735/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 702848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-11	GWC-8	Total/NA	Ground Water	8260D	
680-209845-16	GWC-13R	Total/NA	Ground Water	8260D	
680-209845-17	GWC-14R	Total/NA	Ground Water	8260D	
680-209845-20	GWC-17	Total/NA	Ground Water	8260D	
680-209845-21	GWC-18	Total/NA	Ground Water	8260D	
MB 680-702848/9	Method Blank	Total/NA	Water	8260D	
LCS 680-702848/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-702848/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 702856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-1	GWA-1	Total/NA	Ground Water	8260D	
680-209845-2	GWA-2	Total/NA	Ground Water	8260D	
680-209845-4	GWC-2	Total/NA	Ground Water	8260D	
680-209845-6	GWC-4	Total/NA	Ground Water	8260D	
680-209845-7	GWC-5	Total/NA	Ground Water	8260D	
680-209845-13	GWC-10D	Total/NA	Ground Water	8260D	
680-209845-19	GWC-16	Total/NA	Ground Water	8260D	
680-209845-22	GWC-19	Total/NA	Ground Water	8260D	
680-209845-23	GWC-20	Total/NA	Ground Water	8260D	
680-209845-24	GWC-21	Total/NA	Ground Water	8260D	
680-209845-25	GWC-22	Total/NA	Ground Water	8260D	
680-209845-26	GWC-23	Total/NA	Ground Water	8260D	

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QC Association Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

GC/MS VOA (Continued)

Analysis Batch: 702856 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-27	GWC-24	Total/NA	Ground Water	8260D	
680-209845-28	GWC-25	Total/NA	Ground Water	8260D	
680-209845-29	GWC-26	Total/NA	Ground Water	8260D	
680-209845-33	Field Blank	Total/NA	Water	8260D	
680-209845-37	SWC-6	Total/NA	Surface Water	8260D	
MB 680-702856/9	Method Blank	Total/NA	Water	8260D	
LCS 680-702856/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-702856/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 703001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-39	SWC-8	Total/NA	Surface Water	8260D	
MB 680-703001/9	Method Blank	Total/NA	Water	8260D	
LCS 680-703001/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-703001/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 703009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-34	SWC-1	Total/NA	Surface Water	8260D	
680-209845-35	SWC-2	Total/NA	Surface Water	8260D	
680-209845-38	SWC-7	Total/NA	Surface Water	8260D	
MB 680-703009/9	Method Blank	Total/NA	Water	8260D	
LCS 680-703009/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-703009/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 703024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-40	SWC-10	Total/NA	Surface Water	8260D	
680-209845-41	SWC-12	Total/NA	Surface Water	8260D	
MB 680-703024/9	Method Blank	Total/NA	Water	8260D	
LCS 680-703024/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-703024/5	Lab Control Sample Dup	Total/NA	Water	8260D	

HPLC/IC

Analysis Batch: 702750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-42	SWA-1	Total/NA	Surface Water	9056A	
680-209845-43	SWC-9	Total/NA	Surface Water	9056A	
MB 680-702750/2	Method Blank	Total/NA	Water	9056A	
LCS 680-702750/3	Lab Control Sample	Total/NA	Water	9056A	
LCSD 680-702750/4	Lab Control Sample Dup	Total/NA	Water	9056A	

Metals

Prep Batch: 702523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-42	SWA-1	Dissolved	Surface Water	3010A	
680-209845-42	SWA-1	Total/NA	Surface Water	3010A	
680-209845-43	SWC-9	Dissolved	Surface Water	3010A	
680-209845-43	SWC-9	Total/NA	Surface Water	3010A	
MB 680-702523/1-A	Method Blank	Total/NA	Water	3010A	

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QC Association Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Metals (Continued)

Prep Batch: 702523 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-702523/2-A	Lab Control Sample	Total/NA	Water	3010A	

Prep Batch: 702537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-2	GWA-2	Total/NA	Ground Water	3010A	
680-209845-3	GWC-1	Total/NA	Ground Water	3010A	
680-209845-4	GWC-2	Total/NA	Ground Water	3010A	
680-209845-5	GWC-3	Total/NA	Ground Water	3010A	
680-209845-6	GWC-4	Total/NA	Ground Water	3010A	
680-209845-7	GWC-5	Total/NA	Ground Water	3010A	
680-209845-8	GWC-6	Total/NA	Ground Water	3010A	
680-209845-9	GWC-7	Total/NA	Ground Water	3010A	
680-209845-10	GWC-7A	Total/NA	Ground Water	3010A	
680-209845-11	GWC-8	Total/NA	Ground Water	3010A	
680-209845-12	GWC-9	Total/NA	Ground Water	3010A	
680-209845-14	GWC-11	Total/NA	Ground Water	3010A	
680-209845-15	GWC-12R	Total/NA	Ground Water	3010A	
680-209845-18	GWC-15	Total/NA	Ground Water	3010A	
680-209845-20	GWC-17	Total/NA	Ground Water	3010A	
680-209845-21	GWC-18	Total/NA	Ground Water	3010A	
680-209845-30	GWC-27	Total/NA	Ground Water	3010A	
680-209845-31	GWC-28	Total/NA	Ground Water	3010A	
680-209845-32	GWC-29	Total/NA	Ground Water	3010A	
680-209845-36	SWC-5	Total/NA	Surface Water	3010A	
MB 680-702537/1-A	Method Blank	Total/NA	Water	3010A	
LCS 680-702537/2-A	Lab Control Sample	Total/NA	Water	3010A	
680-209845-3 MS	GWC-1	Total/NA	Ground Water	3010A	
680-209845-3 MSD	GWC-1	Total/NA	Ground Water	3010A	

Prep Batch: 702554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-1	GWA-1	Total/NA	Ground Water	3010A	
680-209845-13	GWC-10D	Total/NA	Ground Water	3010A	
680-209845-16	GWC-13R	Total/NA	Ground Water	3010A	
680-209845-17	GWC-14R	Total/NA	Ground Water	3010A	
680-209845-19	GWC-16	Total/NA	Ground Water	3010A	
680-209845-22	GWC-19	Total/NA	Ground Water	3010A	
680-209845-23	GWC-20	Total/NA	Ground Water	3010A	
680-209845-24	GWC-21	Total/NA	Ground Water	3010A	
680-209845-25	GWC-22	Total/NA	Ground Water	3010A	
680-209845-26	GWC-23	Total/NA	Ground Water	3010A	
680-209845-27	GWC-24	Total/NA	Ground Water	3010A	
680-209845-28	GWC-25	Total/NA	Ground Water	3010A	
680-209845-29	GWC-26	Total/NA	Ground Water	3010A	
680-209845-33	Field Blank	Total/NA	Water	3010A	
680-209845-34	SWC-1	Total/NA	Surface Water	3010A	
680-209845-35	SWC-2	Total/NA	Surface Water	3010A	
680-209845-37	SWC-6	Total/NA	Surface Water	3010A	
680-209845-38	SWC-7	Total/NA	Surface Water	3010A	
680-209845-39	SWC-8	Total/NA	Surface Water	3010A	
680-209845-40	SWC-10	Total/NA	Surface Water	3010A	

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QC Association Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Metals (Continued)

Prep Batch: 702554 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-702554/1-A	Method Blank	Total/NA	Water	3010A	
LCS 680-702554/2-A	Lab Control Sample	Total/NA	Water	3010A	
680-209845-16 MS	GWC-13R	Total/NA	Ground Water	3010A	
680-209845-16 MSD	GWC-13R	Total/NA	Ground Water	3010A	

Prep Batch: 702585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-41	SWC-12	Total/NA	Surface Water	3010A	
MB 680-702585/1-A	Method Blank	Total/NA	Water	3010A	
LCS 680-702585/2-A	Lab Control Sample	Total/NA	Water	3010A	

Prep Batch: 702616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-42	SWA-1	Total/NA	Surface Water	7470A	
680-209845-43	SWC-9	Total/NA	Surface Water	7470A	
MB 680-702616/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-702616/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-209845-42 MS	SWA-1	Total/NA	Surface Water	7470A	
680-209845-42 MSD	SWA-1	Total/NA	Surface Water	7470A	

Analysis Batch: 702763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-42	SWA-1	Total/NA	Surface Water	7470A	702616
680-209845-43	SWC-9	Total/NA	Surface Water	7470A	702616
MB 680-702616/1-A	Method Blank	Total/NA	Water	7470A	702616
LCS 680-702616/2-A	Lab Control Sample	Total/NA	Water	7470A	702616
680-209845-42 MS	SWA-1	Total/NA	Surface Water	7470A	702616
680-209845-42 MSD	SWA-1	Total/NA	Surface Water	7470A	702616

Analysis Batch: 702844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-1	GWA-1	Total/NA	Ground Water	6020A	702554
680-209845-2	GWA-2	Total/NA	Ground Water	6020A	702537
680-209845-3	GWC-1	Total/NA	Ground Water	6020A	702537
680-209845-4	GWC-2	Total/NA	Ground Water	6020A	702537
680-209845-5	GWC-3	Total/NA	Ground Water	6020A	702537
680-209845-6	GWC-4	Total/NA	Ground Water	6020A	702537
680-209845-7	GWC-5	Total/NA	Ground Water	6020A	702537
680-209845-8	GWC-6	Total/NA	Ground Water	6020A	702537
680-209845-9	GWC-7	Total/NA	Ground Water	6020A	702537
680-209845-10	GWC-7A	Total/NA	Ground Water	6020A	702537
680-209845-11	GWC-8	Total/NA	Ground Water	6020A	702537
680-209845-12	GWC-9	Total/NA	Ground Water	6020A	702537
680-209845-13	GWC-10D	Total/NA	Ground Water	6020A	702554
680-209845-14	GWC-11	Total/NA	Ground Water	6020A	702537
680-209845-15	GWC-12R	Total/NA	Ground Water	6020A	702537
680-209845-16	GWC-13R	Total/NA	Ground Water	6020A	702554
680-209845-17	GWC-14R	Total/NA	Ground Water	6020A	702554
680-209845-18	GWC-15	Total/NA	Ground Water	6020A	702537
680-209845-19	GWC-16	Total/NA	Ground Water	6020A	702554
680-209845-20	GWC-17	Total/NA	Ground Water	6020A	702537

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QC Association Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Metals (Continued)

Analysis Batch: 702844 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-21	GWC-18	Total/NA	Ground Water	6020A	702537
680-209845-22	GWC-19	Total/NA	Ground Water	6020A	702554
680-209845-23	GWC-20	Total/NA	Ground Water	6020A	702554
680-209845-24	GWC-21	Total/NA	Ground Water	6020A	702554
680-209845-25	GWC-22	Total/NA	Ground Water	6020A	702554
680-209845-26	GWC-23	Total/NA	Ground Water	6020A	702554
680-209845-27	GWC-24	Total/NA	Ground Water	6020A	702554
680-209845-28	GWC-25	Total/NA	Ground Water	6020A	702554
680-209845-29	GWC-26	Total/NA	Ground Water	6020A	702554
680-209845-30	GWC-27	Total/NA	Ground Water	6020A	702537
680-209845-31	GWC-28	Total/NA	Ground Water	6020A	702537
680-209845-32	GWC-29	Total/NA	Ground Water	6020A	702537
680-209845-33	Field Blank	Total/NA	Water	6020A	702554
680-209845-34	SWC-1	Total/NA	Surface Water	6020A	702554
680-209845-35	SWC-2	Total/NA	Surface Water	6020A	702554
680-209845-36	SWC-5	Total/NA	Surface Water	6020A	702537
680-209845-37	SWC-6	Total/NA	Surface Water	6020A	702554
680-209845-38	SWC-7	Total/NA	Surface Water	6020A	702554
680-209845-39	SWC-8	Total/NA	Surface Water	6020A	702554
680-209845-40	SWC-10	Total/NA	Surface Water	6020A	702554
680-209845-41	SWC-12	Total/NA	Surface Water	6020A	702585
680-209845-42	SWA-1	Dissolved	Surface Water	6020A	702523
680-209845-42	SWA-1	Total/NA	Surface Water	6020A	702523
680-209845-43	SWC-9	Dissolved	Surface Water	6020A	702523
680-209845-43	SWC-9	Total/NA	Surface Water	6020A	702523
MB 680-702523/1-A	Method Blank	Total/NA	Water	6020A	702523
MB 680-702537/1-A	Method Blank	Total/NA	Water	6020A	702537
MB 680-702554/1-A	Method Blank	Total/NA	Water	6020A	702554
MB 680-702585/1-A	Method Blank	Total/NA	Water	6020A	702585
LCS 680-702523/2-A	Lab Control Sample	Total/NA	Water	6020A	702523
LCS 680-702537/2-A	Lab Control Sample	Total/NA	Water	6020A	702537
LCS 680-702554/2-A	Lab Control Sample	Total/NA	Water	6020A	702554
LCS 680-702585/2-A	Lab Control Sample	Total/NA	Water	6020A	702585
680-209845-3 MS	GWC-1	Total/NA	Ground Water	6020A	702537
680-209845-3 MSD	GWC-1	Total/NA	Ground Water	6020A	702537
680-209845-16 MS	GWC-13R	Total/NA	Ground Water	6020A	702554
680-209845-16 MSD	GWC-13R	Total/NA	Ground Water	6020A	702554

General Chemistry

Prep Batch: 702573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-42	SWA-1	Total/NA	Surface Water	Distill/CN	
680-209845-43	SWC-9	Total/NA	Surface Water	Distill/CN	
MB 680-702573/1-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 680-702573/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	

Analysis Batch: 702699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-42	SWA-1	Total/NA	Surface Water	335.4-1993 R1.0	702573
680-209845-43	SWC-9	Total/NA	Surface Water	335.4-1993 R1.0	702573

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QC Association Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

General Chemistry (Continued)

Analysis Batch: 702699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-702573/1-A	Method Blank	Total/NA	Water	335.4-1993 R1.0	702573
LCS 680-702573/2-A	Lab Control Sample	Total/NA	Water	335.4-1993 R1.0	702573

Analysis Batch: 702777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-42	SWA-1	Total/NA	Surface Water	5310 B-2011	
680-209845-43	SWC-9	Total/NA	Surface Water	5310 B-2011	
MB 680-702777/2	Method Blank	Total/NA	Water	5310 B-2011	
LCS 680-702777/3	Lab Control Sample	Total/NA	Water	5310 B-2011	
LCS 680-702777/4	Lab Control Sample Dup	Total/NA	Water	5310 B-2011	

Analysis Batch: 702889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-42	SWA-1	Total/NA	Surface Water	5220D-2011	
MB 680-702889/3	Method Blank	Total/NA	Water	5220D-2011	
LCS 680-702889/4	Lab Control Sample	Total/NA	Water	5220D-2011	

Analysis Batch: 703217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-209845-43	SWC-9	Total/NA	Surface Water	5220D-2011	
MB 680-703217/3	Method Blank	Total/NA	Water	5220D-2011	
LCS 680-703217/4	Lab Control Sample	Total/NA	Water	5220D-2011	
LLCS 680-703217/5	Lab Control Sample	Total/NA	Water	5220D-2011	

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWA-1
Date Collected: 01/06/22 09:19
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	702856	01/13/22 14:39	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:40	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWA-2
Date Collected: 01/05/22 14:13
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	702856	01/13/22 15:03	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:31	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-1
Date Collected: 01/04/22 14:26
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-3
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	702719	01/12/22 18:43	P1C	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 15:17	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-2
Date Collected: 01/05/22 10:44
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-4
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	702856	01/13/22 15:27	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:33	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-3
Date Collected: 01/04/22 15:06
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-5
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	702735	01/12/22 15:04	Y1S	TAL SAV
Instrument ID: CMSU										

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Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-3
Date Collected: 01/04/22 15:06
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-5
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	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 15:30	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-4
Date Collected: 01/05/22 13:54
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-6
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	702856	01/13/22 15:50	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:36	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-5
Date Collected: 01/05/22 14:20
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-7
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	702856	01/13/22 16:14	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:38	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-6
Date Collected: 01/04/22 10:49
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-8
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	702735	01/12/22 15:27	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 15:33	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-7
Date Collected: 01/04/22 10:35
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-9
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	702735	01/12/22 15:51	Y1S	TAL SAV
Instrument ID: CMSU										

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Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-7
Date Collected: 01/04/22 10:35
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-9
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	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 15:54	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-7A
Date Collected: 01/04/22 10:58
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-10
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	702735	01/12/22 16:15	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 15:57	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-8
Date Collected: 01/05/22 14:46
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-11
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	702848	01/13/22 16:52	Y1S	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:41	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-9
Date Collected: 01/04/22 11:29
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-12
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	702735	01/12/22 16:39	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 15:59	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-10D
Date Collected: 01/06/22 10:21
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-13
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	702856	01/13/22 16:38	Y1S	TAL SAV
Instrument ID: CMSU										

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Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-10D

Date Collected: 01/06/22 10:21

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-13

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	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:42	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-11

Date Collected: 01/04/22 11:35

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-14

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	702735	01/12/22 17:03	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:02	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-12R

Date Collected: 01/04/22 12:09

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-15

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	702735	01/12/22 17:27	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:05	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-13R

Date Collected: 01/05/22 11:40

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-16

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	702848	01/13/22 17:16	Y1S	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:56	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-14R

Date Collected: 01/05/22 14:42

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-17

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	702848	01/13/22 17:39	Y1S	TAL SAV
Instrument ID: CMSAB										

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Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-14R

Lab Sample ID: 680-209845-17

Date Collected: 01/05/22 14:42

Matrix: Ground Water

Date Received: 01/08/22 08:30

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	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:09	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-15

Lab Sample ID: 680-209845-18

Date Collected: 01/04/22 12:23

Matrix: Ground Water

Date Received: 01/08/22 08:30

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	702735	01/12/22 17:51	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:07	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-16

Lab Sample ID: 680-209845-19

Date Collected: 01/05/22 15:09

Matrix: Ground Water

Date Received: 01/08/22 08:30

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	702856	01/13/22 17:02	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:12	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-17

Lab Sample ID: 680-209845-20

Date Collected: 01/04/22 13:51

Matrix: Ground Water

Date Received: 01/08/22 08:30

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	702848	01/13/22 18:03	Y1S	TAL SAV
Instrument ID: CMSAB										
Total/NA	Analysis	8260D		1	5 mL	5 mL	702735	01/12/22 13:52	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:10	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-18

Lab Sample ID: 680-209845-21

Date Collected: 01/04/22 13:06

Matrix: Ground Water

Date Received: 01/08/22 08:30

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	702848	01/13/22 18:27	Y1S	TAL SAV
Instrument ID: CMSAB										

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Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-18
Date Collected: 01/04/22 13:06
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-21
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	702735	01/12/22 14:16	Y1S	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:13	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-19
Date Collected: 01/05/22 09:50
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-22
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	702856	01/13/22 17:26	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:14	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-20
Date Collected: 01/05/22 13:20
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-23
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	702856	01/13/22 17:50	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:22	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-21
Date Collected: 01/06/22 09:55
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-24
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	702856	01/13/22 18:14	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:45	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-22
Date Collected: 01/05/22 12:00
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-25
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	702856	01/13/22 18:38	Y1S	TAL SAV
Instrument ID: CMSU										

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Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-22

Date Collected: 01/05/22 12:00

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-25

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	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:24	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-23

Date Collected: 01/05/22 11:31

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-26

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	702856	01/13/22 19:02	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:27	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-24

Date Collected: 01/05/22 11:04

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-27

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	702856	01/13/22 19:26	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:30	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-25

Date Collected: 01/05/22 10:30

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-28

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	702856	01/13/22 19:50	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:32	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-26

Date Collected: 01/05/22 09:56

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-29

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	702856	01/13/22 20:14	Y1S	TAL SAV
Instrument ID: CMSU										

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Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: GWC-26

Date Collected: 01/05/22 09:56

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-29

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	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:35	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-27

Date Collected: 01/04/22 14:20

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-30

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	702719	01/12/22 17:08	P1C	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:15	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-28

Date Collected: 01/04/22 14:51

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-31

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	702719	01/12/22 17:32	P1C	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:18	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: GWC-29

Date Collected: 01/04/22 15:18

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-32

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	702719	01/12/22 17:56	P1C	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:25	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: Field Blank

Date Collected: 01/06/22 10:40

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-33

Matrix: 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	702856	01/13/22 14:15	Y1S	TAL SAV
Instrument ID: CMSU										

Eurofins Savannah

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: Field Blank

Lab Sample ID: 680-209845-33

Date Collected: 01/06/22 10:40

Matrix: Water

Date Received: 01/08/22 08:30

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	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:53	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWC-1

Lab Sample ID: 680-209845-34

Date Collected: 01/06/22 08:38

Matrix: Surface Water

Date Received: 01/08/22 08:30

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	703009	01/14/22 14:42	P1C	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:55	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWC-2

Lab Sample ID: 680-209845-35

Date Collected: 01/06/22 08:48

Matrix: Surface Water

Date Received: 01/08/22 08:30

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	703009	01/14/22 16:40	P1C	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:58	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWC-5

Lab Sample ID: 680-209845-36

Date Collected: 01/04/22 12:32

Matrix: Surface Water

Date Received: 01/08/22 08:30

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	702719	01/12/22 18:19	P1C	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	702537	01/11/22 10:01	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 16:28	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWC-6

Lab Sample ID: 680-209845-37

Date Collected: 01/05/22 14:46

Matrix: Surface Water

Date Received: 01/08/22 08:30

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	702856	01/13/22 20:38	Y1S	TAL SAV
Instrument ID: CMSU										

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Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-6

Date Collected: 01/05/22 14:46

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-37

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	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 17:37	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWC-7

Date Collected: 01/06/22 09:02

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-38

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	8260D		1	5 mL	5 mL	703009	01/14/22 17:00	P1C	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 18:00	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWC-8

Date Collected: 01/06/22 09:35

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-39

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	703001	01/14/22 18:32	P1C	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 18:03	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWC-10

Date Collected: 01/06/22 10:00

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-40

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	703024	01/14/22 14:44	Y1S	TAL SAV
Instrument ID: CMSAB										
Total/NA	Prep	3010A			50 mL	250 mL	702554	01/11/22 10:36	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 18:05	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWC-12

Date Collected: 01/06/22 10:22

Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-41

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	703024	01/14/22 15:07	Y1S	TAL SAV
Instrument ID: CMSAB										

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Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-12
Date Collected: 01/06/22 10:22
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-41
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	702585	01/11/22 10:59	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 19:56	BJB	TAL SAV
Instrument ID: ICPMSD										

Client Sample ID: SWA-1
Date Collected: 01/06/22 09:18
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-42
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	702750	01/12/22 14:56	UI	TAL SAV
Instrument ID: CICK										
Dissolved	Prep	3010A			50 mL	250 mL	702523	01/11/22 09:19	JE	TAL SAV
Dissolved	Analysis	6020A		1			702844	01/12/22 14:39	BJB	TAL SAV
Instrument ID: ICPMSD										
Total/NA	Prep	3010A			50 mL	250 mL	702523	01/11/22 09:19	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 14:36	BJB	TAL SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	702616	01/11/22 12:33	JKL	TAL SAV
Total/NA	Analysis	7470A		1			702763	01/12/22 10:36	JKL	TAL SAV
Instrument ID: QuickTrace2										
Total/NA	Prep	Distill/CN			6 mL	6 mL	702573	01/11/22 10:45	NVF	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0		1			702699	01/11/22 17:12	NVF	TAL SAV
Instrument ID: KONELAB4										
Total/NA	Analysis	5220D-2011		1	2 mL	2 mL	702889	01/13/22 10:13	ALG	TAL SAV
Instrument ID: SPC7										
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	702777	01/11/22 22:04	KMB	TAL SAV
Instrument ID: TOC8										

Client Sample ID: SWC-9
Date Collected: 01/04/22 13:30
Date Received: 01/08/22 08:30

Lab Sample ID: 680-209845-43
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	702750	01/12/22 15:09	UI	TAL SAV
Instrument ID: CICK										
Dissolved	Prep	3010A			50 mL	250 mL	702523	01/11/22 09:19	JE	TAL SAV
Dissolved	Analysis	6020A		1			702844	01/12/22 14:34	BJB	TAL SAV
Instrument ID: ICPMSD										
Total/NA	Prep	3010A			50 mL	250 mL	702523	01/11/22 09:19	JE	TAL SAV
Total/NA	Analysis	6020A		1			702844	01/12/22 14:31	BJB	TAL SAV
Instrument ID: ICPMSD										
Total/NA	Prep	7470A			50 mL	50 mL	702616	01/11/22 12:33	JKL	TAL SAV
Total/NA	Analysis	7470A		1			702763	01/12/22 10:49	JKL	TAL SAV
Instrument ID: QuickTrace2										

Lab Chronicle

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

Client Sample ID: SWC-9

Lab Sample ID: 680-209845-43

Date Collected: 01/04/22 13:30

Matrix: Surface Water

Date Received: 01/08/22 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Distill/CN			6 mL	6 mL	702573	01/11/22 10:45	NVF	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0 Instrument ID: KONELAB4		1			702699	01/11/22 17:12	NVF	TAL SAV
Total/NA	Analysis	5220D-2011 Instrument ID: SPC7		1	2 mL	2 mL	703217	01/17/22 09:55	ALG	TAL SAV
Total/NA	Analysis	5310 B-2011 Instrument ID: TOC8		1	40 mL	40 mL	702777	01/11/22 22:20	KMB	TAL SAV

Client Sample ID: Trip Blank

Lab Sample ID: 680-209845-44

Date Collected: 01/04/22 08:00

Matrix: Water

Date Received: 01/08/22 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D Instrument ID: CMSAB		1	5 mL	5 mL	702719	01/12/22 14:19	P1C	TAL SAV

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: 680-209845-1

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
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Method Summary

Client: GFL Environmental
Project/Site: Eagle Point Landfill

Job ID: 680-209845-1

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

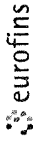
SM = "Standard Methods For The Examination Of Water And Wastewater"

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

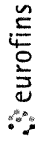
Chain of Custody Record



Client Information Client Contact: Mr Scott Mann Company: GFL Environmental Address: 8880 Old Federal Rd City: Ball Ground State Zip: GA 30107 Phone: 678-341-7140 Email: scott.mann@gflenv.com Project Name: Eagle Point Landfill Site:		Sample: <u>Walker/Debris/Towrath</u> Lab PM: John Andros E-Mail: john.andros@eurofinset.com Phone:		Carrier Tracking No(s): COC No: Page: <u>1</u> of <u>4</u> Job #:	
Due Date Requested: TAT Requested (days): <u>Standard</u> PO #: <u>05B-012DLS</u> WO #:		Analysis Requested Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> GA Appendix I VOCs (8260) <input checked="" type="checkbox"/> Chloride <input type="checkbox"/> COP <input type="checkbox"/> TOC <input type="checkbox"/> Cyanide <input type="checkbox"/> Metals (As, Ba, Cd, Cr, Pb, Ni, Ag, Zn) <input type="checkbox"/> Dissolved Metals (Hg, Se) <input type="checkbox"/> Total Number of Containers:			
Sample Date Sample Time Sample Type (C=Comp, G=grab) Preservation Code		Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air) GA Appendix I Metals <input type="checkbox"/> Disolved Metals (Hg, Se) <input type="checkbox"/> Special Instructions/Note:			
Sample Identification GWA-1 GWA-2 GWC-1 GWC-2 GWC-3 GWC-4 GWC-5 GWC-6 GWC-7 GWC-7A GWC-8		1/6/22 0919 G GW 1/5 1413 G GW 1/4 1426 G GW 1/5 1044 G GW 1/4 1506 G GW 1/5 1354 G GW 1/5 1420 G GW 1/4 1049 G GW 1/4 1035 G GW 1/4 1058 G GW 1/5 1446 G GW			
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months			
Deliverable Requested I II III IV Other (specify)		Special Instructions/QC Requirements.			
Empty Kit Relinquished by: Relinquished by: <u>[Signature]</u> Date: <u>1/17/22</u> Time: <u>0600</u> Company:		Method of Shipment:			
Relinquished by: <u>[Signature]</u> Date: <u>1/17/22</u> Time: <u>1100</u> Company:		Date/Time: <u>1/17/22</u> <u>1102</u> Company:			
Relinquished by: <u>[Signature]</u> Date: <u>1/17/22</u> Time: <u>1102</u> Company:		Date/Time: <u>1/18</u> <u>08:30</u> Company:			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.		Date/Time: <u>1/17/22</u> <u>1102</u> Company:			
Cooler Temperature(s) °C and Other Remarks:		Date/Time: <u>3-9/20</u> <u>2:312-4</u> <u>3-3/34</u>			



Chain of Custody Record



Client Information Client Contact: Mr Scott Mann Company: GFL Environmental Address: 8880 Old Federal Rd City: Ball Ground State Zip: GA 30107 Phone: 678-341-7140 Email: scott.mann@gflenv.com Project Name: Eagle Point Landfill Site:		Lab PM: John Andros E-Mail: john.andros@eurofinset.com Carrier Tracking No(s): Page: 2 of 4 Job #:	
Analysis Requested Due Date Requested: Standard TAT Requested (days): PO #: 058-012D(S4) WO #: Project #:		Preservation Codes: A - HCL M Hexane B - NaOH N None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 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 X - other (specify) Other:	
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Preservation Code Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)		Total Number of Containers: 244-ATLANTA	
GWC-9	1/4/22 1129	G	GW
GWC-10D	1/6 1021	G	GW
GWC-11	1/4 1135	G	GW
GWC-12R	1/4 1209	G	GW
GWC-13R	1/5 1140	G	GW
GWC-14R	1/5 1442	G	GW
GWC-15	1/4 1223	G	GW
GWC-16	1/5 1509	G	GW
GWC-17	1/4 1351	G	GW
GWC-18	1/4 1306	G	GW
GWC-19	1/5 0950	G	GW

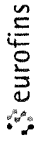
Special Instructions/Note:
 * On hold pending further results
 NW

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
Deliverable Requested I II III IV Other (specify)
 Return To Client Disposal By Lab Archive For _____ Months
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Empty Kit Relinquished by: Relinquished by: [Signature] Date: 1/17/22 Relinquished by: [Signature] Date: 1/17/22 Relinquished by: [Signature] Date: 1/17/22		Method of Shipment: Date/Time: 1/17/22 1102 Date/Time: 1/18 09:30 Date/Time: 2/3/24	
Relinquished by: [Signature] Date: 1/17/22 0600 DC Relinquished by: [Signature] Date: 1/17/22 1100 Relinquished by: [Signature] Date: 1/17/22 1102		Company Company Company	
Custody Seal Intact: Custody Seal No Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 23 / 2.4	



Chain of Custody Record



Client Information Company: GFL Environmental Address: 8880 Old Federal Rd City: Ball Ground State Zip: GA 30107 Phone: 678-341-7140 Email: scott.mann@gflenv.com Project Name: Eagle Point Landfill Site:		Sample: <i>Walker/Dewitt/Turkey</i> Lab PM: John Andros E-Mail: john.andros@eurofinset.com Carrier Tracking No(s): COC No:	
Due Date Requested: TAT Requested (days): Standard PO #: WO #: Project #: <i>058-022(SL)</i>		Analysis Requested GA Appendix I Metals Chloride COD TOC Cyanide Metals (As, Ba, Cd, Cr, Pb, Ni, Ag, Zn) Dissolved Metals (Hg, Se) Total Number of Containers	
Sample Identification Sample ID: GWC-20 GWC-21 GWC-22 GWC-23 GWC-24 GWC-25 GWC-26 GWC-27 GWC-28 GWC-29 Field Blank		Field Filtered Sample (Yes or No) GA Appendix I VOCs (8260) GA Appendix I Metals Chloride COD TOC Cyanide Metals (As, Ba, Cd, Cr, Pb, Ni, Ag, Zn) Dissolved Metals (Hg, Se) Total Number of Containers	
Sample Date	Sample Time	Sample Type (G=comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air)
1/5/22	1320	G	GW
1/6	0955	G	GW
1/5	1700	G	GW
1/5	1131	G	GW
1/5	1104	G	GW
1/5	1030	G	GW
1/5	0956	G	GW
1/4	1420	G	GW
1/4	1451	G	GW
1/4	1518	G	GW
1/6	1040	G	W

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested I, II, III, IV Other (specify)

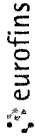
Special Instructions/Note:
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months
 Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment
Relinquished by: <i>Scott Mann</i>	1/7/22	0600	Company
Relinquished by: <i>Scott Mann</i>	1/7/22	1100	Company
Relinquished by: <i>Dr. Mann</i>	1/7/22	1102	Company

Custody Seals Intact: Yes No
 Custody Seal No: *1-37/2-4*



Chain of Custody Record



Client Information Client Contact: Mr Scott Mann Company: GFL Environmental Address: 8880 Old Federal Rd City: Ball Ground State Zip: GA 30107 Phone: 678-341-7140 Email: scott.mann@gflenv.com Project Name: Eagle Point Landfill Site:		Lab PM: John Andros E-Mail: john.andros@eurofinsnet.com Carrier Tracking No(s): Page 4 of 4 Job #:	
Sample: Walker/Dunstan/Torrescoba Phone:		Analysis Requested Dissolved Metals (Hg, Se) Metals (As, Ba, Cd, Cr, Pb, Ni, Ag, Zn) Cyanide TOC COD Chloride GA Appendix I Metals GA Appendix I VOCs (8260) Perform MS/MSD (Yes or No)	
Due Date Requested TAT Requested (days) Standard PO #: WO #: Project #: 05B-012D (SL)		Total number of containers: 244-ATLANTA	
Sample Identification Sample ID: SWC-1 SWC-2 SWC-3 SWC-6 SWC-7 SWC-8 SWC-10 SWC-12 SWA-1 SWC-9 Trip Blank		Field Filtered Sample (Yes or No) Matrix (W=Water, S=solid, O=volatile, BT=Tissue, A=Air) Sample Type (C=comp, G=grab) Sample Time Sample Date Preservation Code	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Special Instructions/Note: Special Instructions/Note:	
Deliverable Requested I II III IV Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Empty Kit Relinquished by Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]		Method of Shipment: Date/Time: 11/17/22 1100 Date/Time: 11/18 08:30 Date/Time: 11/22 1102	
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 9.33 / 2.4	



Login Sample Receipt Checklist

Client: GFL Environmental

Job Number: 680-209845-1

Login Number: 209845

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

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.	N/A	
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 #1 (3-4-02)

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)	-	-	-	6.51	7.69	7.12	7.2	6.87	6.68	7.45	6.54	7.51	7.39	6.99	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Specific Conductance	uS/cm (on-site)	-	-	-	19	19	74	20	27	23	52	114	75	67	61	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Temperature	°C (on-site)	-	-	-	13.2	14	14.2	11	11.6	10.7	9.5	12.7	13.4	13.6	14.7	NP	NP	NP	NP	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	-	-	84	109	758	272	366	491	95	110	1037	1081	137	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Arsenic (As)	(ug/l)	50	10	10	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	NP	NP	NP	NP
Total Barium (Ba)	(ug/l)	20	20	2000	30	70	180	120	40	60	40	50	180	250	20	NP	NP	NP	NP	NP	NP	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	4	ND	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	10	30	10	ND	20	ND	ND	60	70	ND	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	ND	50	ND	ND	50	ND	ND	50	70	ND	NP	NP	NP	NP	NP	NP	NP	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	26	ND	ND	ND	ND	ND	ND	18	21	ND	NP	NP	NP	NP	NP	NP	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	30	ND	ND	ND	ND	ND	60	60	ND	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	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	20	40	20	ND	40	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	NP	NP	NP	NP	NP
Total Zinc (Zn)	(ug/l)	20	20	NE	40	40	120	70	60	80	40	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	NP	NP	NP
Acetone	(ug/l)	100	100	NE	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	NP	NP	NP	NP	NP
Acrylonitrile	(ug/l)	50	50	NE	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	NP	NP	NP	NP	NP
Benzene	(ug/l)	2	2	5	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	NP	NP	NP	NP	NP
Bromochloromethane	(ug/l)	10	10	NE	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	NP	NP	NP	NP	NP
Bromodichloromethane *	(ug/l)	10	10	80	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	NP	NP	NP	NP	NP
Bromoform *	(ug/l)	10	10	80	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	NP	NP	NP	NP	NP
Carbon Disulfide	(ug/l)	5	5	NE	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	NP	NP	NP	NP	NP
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	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	NP	NP	NP	NP	NP
Carbon tetrachloride	(ug/l)	2	2	5	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	NP	NP	NP	NP	NP
Chlorobenzene	(ug/l)	10	10	100	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	NP	NP	NP	NP	NP
Chloroethane	(ug/l)	2	2	NE	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	NP	NP	NP	NP	NP
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
trans-1,4-Dichloro-2-butene	(ug/l)	100	100	NE	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	NP	NP	NP	NP	NP
1,1-Dichloroethane	(ug/l)	2	2	NE	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	NP	NP	NP	NP	NP
1,2-Dichloroethane	(ug/l)	2	2	5	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	NP	NP	NP	NP	NP
1,1-Dichloroethene (ethylene)																																								

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #2 (4-15-02)**

TEST	UNITS	LAB MDL	GA POL	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)	-	-	-	5.99	6.2	6.69	5.84	5.78	5.55	5.88	6.06	6.76	7.01	5.55	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Specific Conductance	uS/cm (on-site)	-	-	-	16	19	41	15	15	21	39	25	58	68	14	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Temperature	°C (on-site)	-	-	-	16.4	17	18	15.7	16	15.7	15.3	18.1	16.5	17.3	17.9	NP	NP	NP	NP	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	-	-	24	40	367	306	102	456	92	54	62	687	94	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Arsenic (As)	(ug/l)	50	10	10	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	NP	NP	NP	NP
Total Barium (Ba)	(ug/l)	20	20	2000	20	20	120	130	30	80	50	40	20	170	20	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	30	10	ND	30	ND	ND	ND	40	ND	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	ND	ND	40	ND	ND	70	ND	ND	ND	50	ND	NP	NP	NP	NP	NP	NP	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	20	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	NP	NP	NP	NP
Total Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ND	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	30	20	ND	60	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	NP	NP	NP	NP
Total Zinc (Zn)	(ug/l)	20	20	NE	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	NP	NP	NP	NP
Acetone	(ug/l)	100	100	NE	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	NP	NP	NP	NP
Acrylonitrile	(ug/l)	50	50	NE	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	NP	NP	NP	NP
Benzene	(ug/l)	2	2	5	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	NP	NP	NP	NP
Bromochloromethane	(ug/l)	10	10	NE	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	NP	NP	NP	NP
Bromodichloromethane *	(ug/l)	10	10	80	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	NP	NP	NP	NP
Bromoforn *	(ug/l)	10	10	80	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	NP	NP	NP	NP
Carbon Disulfide	(ug/l)	5	5	NE	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	NP	NP	NP	NP
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	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	NP	NP	NP	NP
Carbon tetrachloride	(ug/l)	2	2	5	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	NP	NP	NP	NP
Chlorobenzene	(ug/l)	10	10	100	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	NP	NP	NP	NP
Chloroethane	(ug/l)	2	2	NE	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	NP	NP	NP	NP
Chloroform *	(ug/l)	2	2	80	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	NP	NP	NP	NP
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	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	NP	NP	NP	NP
Dibromochloromethane *	(ug/l)	10	10	80	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	NP	NP	NP	NP
Dibromomethane	(ug/l)	10	10	NE	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	NP	NP	NP	NP
1,2-Dichlorobenzene	(ug/l)	10	10	600	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	NP	NP	NP	NP
1,4-Dichlorobenzene	(ug/l)	10	10	75	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	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	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,1-Dichloroethene (ethylene)	(ug/l)	2	2	7	ND																																			

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #3 (5-28-02)**

TEST	UNITS	LAB MDL	GA POL	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)	-	-	-	6.34	6.15	7.02	4.84	4.38	4.7	5.03	6.07	6.76	6.41	5.67	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Specific Conductance	uS/cm (on-site)	-	-	-	25	23	43	29	22	34	71	41	86	92	18	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Temperature	°C (on-site)	-	-	-	17.1	17	17.3	16.3	15.4	16.1	14.9	16.4	17.5	17.2	16.3	NP	NP	NP	NP	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	-	-	9.43	226	349	414	204	438	145	41	56	446	65	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Arsenic (As)	(ug/l)	50	10	10	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	NP	NP	NP	NP
Total Barium (Ba)	(ug/l)	20	20	2000	ND	70	80	150	50	70	50	40	30	130	20	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	10	10	10	10	10	10	10	10	10	10	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	ND	20	ND	ND	ND	60	ND	ND	ND	30	ND	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	30	ND	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	30	ND	20	ND	50	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	NP	NP	NP	NP
Total Zinc (Zn)	(ug/l)	20	20	NE	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	NP	NP	NP	NP
Acetone	(ug/l)	100	100	NE	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	NP	NP	NP	NP
Acrylonitrile	(ug/l)	50	50	NE	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	NP	NP	NP	NP
Benzene	(ug/l)	2	2	5	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	NP	NP	NP	NP
Bromochloromethane	(ug/l)	10	10	NE	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	NP	NP	NP	NP
Bromodichloromethane *	(ug/l)	10	10	80	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	NP	NP	NP	NP
Bromoforn *	(ug/l)	10	10	80	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	NP	NP	NP	NP
Carbon Disulfide	(ug/l)	5	5	NE	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	NP	NP	NP	NP
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	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	NP	NP	NP	NP
Carbon tetrachloride	(ug/l)	2	2	5	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	NP	NP	NP	NP
Chlorobenzene	(ug/l)	10	10	100	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	NP	NP	NP	NP
Chloroethane	(ug/l)	2	2	NE	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	NP	NP	NP	NP
Chloroform *	(ug/l)	2	2	80	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	NP	NP	NP	NP
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	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	NP	NP	NP	NP
Dibromochloromethane *	(ug/l)	10	10	80	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	NP	NP	NP	NP
Dibromomethane	(ug/l)	10	10	NE	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	NP	NP	NP	NP
1,2-Dichlorobenzene	(ug/l)	10	10	600	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	NP	NP	NP	NP
1,4-Dichlorobenzene	(ug/l)	10	10	75	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	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	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,1-Dichloroethene (ethylene)	(ug/l)</																																							

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #7 (1-6-04)

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)	-	-	-	5.3	5.71	6.3	5.34	6.28	5.21	5.32	5.07	6.87	6.44	4.98	5	5.95	5.37	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Specific Conductance	uS/cm (on-site)	-	-	-	25	32	46	16	15	59	21	34	65	62	29	18	28	30	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Temperature	°C (on-site)	-	-	-	13.9	14.7	16.5	15.7	15.5	15.7	16.7	16	16.1	16.8	16.7	16.6	15.7	15.6	NP	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	-	-	34	115	104	157	126	75	88	43	10	155	124	14	21	19	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Arsenic (As)	(ug/l)	50	10	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	NP	NP	NP
Total Barium (Ba)	(ug/l)	20	20	2000	ND	60	40	100	40	40	110	60	ND	70	30	ND	50	ND	NP	NP	NP	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	NP	NP	NP	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	NP	NP	NP	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	20	ND	ND	ND	20	10	ND	ND	10	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	NP
Total Cobalt (Co)	(ug/l)	40	40	NE	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	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	NP	NP	NP	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	NP	NP	NP	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	NP	NP	NP	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	NP	NP	NP	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	NP	NP	NP	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	NP	NP	NP	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	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	NP	NP	NP	NP
Total Zinc (Zn)	(ug/l)	20	20	NE	ND	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	NP	NP
Acetone	(ug/l)	100	100	NE	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	NP	NP	NP
Acrylonitrile	(ug/l)	50	50	NE	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	NP	NP	NP
Benzene	(ug/l)	2	2	5	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	NP	NP	NP
Bromochloromethane	(ug/l)	10	10	NE	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	NP	NP	NP
Bromodichloromethane *	(ug/l)	10	10	80	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	NP	NP	NP
Bromoforn *	(ug/l)	10	10	80	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	NP	NP	NP
Carbon Disulfide	(ug/l)	5	5	NE	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	NP	NP	NP
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	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	NP	NP	NP
Carbon tetrachloride	(ug/l)	2	2	5	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	NP	NP	NP
Chlorobenzene	(ug/l)	10	10	100	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	NP	NP	NP
Chloroethane	(ug/l)	2	2	NE	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	NP	NP	NP
Chloroform *	(ug/l)	2	2	80	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	NP	NP	NP
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	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	NP	NP	NP
Dibromochloromethane *	(ug/l)	10	10	80	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	NP	NP	NP
Dibromomethane	(ug/l)	10	10	NE	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	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	NP	NP	NP	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	NP	NP	NP	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	NP	NP	NP	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	NP	NP	NP	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	NP	NP	NP	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																																						

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #13 (1-4-07)**

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)	-	-	-	6.36	6.19	5.79	5.57	5.6	4.97	5.84	7.3	6.27	4.96	4.87	5.76	5.68	6.29	6.53	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Specific Conductance	uS/cm (on-site)	-	-	-	22	59	39	45	19	59	81	166	103	28	41	60	41	113	56	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Temperature	°C (on-site)	-	-	-	12.5	14.5	10	12	8.3	11.5	13	14.7	11.7	15.5	15.7	15.2	14.7	14	12.9	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	-	-	15	25	39	68	39	76	65	4.8	25	26	58	4.81	5.57	3.7	28	42	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	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	NP	NP	NP	NP	NP	NP	NP	NP
Total Arsenic (As)	(ug/l)	50	10	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	NP	NP	NP	NP	NP	NP	NP	NP
Total Barium (Ba)	(ug/l)	20	20	2000	ND	ND	20	60	ND	30	40	40	40	40	30	20	30	ND	ND	40	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	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	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	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	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	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	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	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
Carbon Disulfide	(ug/l)	5	5	NE	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	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	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,1-Dichloroethene (ethylene)	(ug/l)	2</																																						

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #17 (1-5-09)**

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)	-	-	-	5.23	5.22	5.81	5.33	4.96	5.14	4.58	5.8	6.51	6.32	4.03	4.84	5.09	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Specific Conductance	uS/cm (on-site)	1	-	-	13	23	23	11	9	19	152	119	86	71	19	27	37	Dry	Dry	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)	-	-	-	16.4	16.5	15.2	15.6	15.6	16	17.5	17.1	16.7	16.9	15.6	17.6	16.6	Dry	Dry	Dry	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	-	-	4	4	6	7	3	5	31	0	25	1	0	0	0	Dry	Dry	Dry	NP	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	ND	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	NP	NP	NP	
Total Arsenic (As)	(ug/l)	10	10	ND	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	NP	NP	NP	
Total Barium (Ba)	(ug/l)	20	20	2000	ND	ND	ND	ND	ND	ND	52	56	26	26	26	35	ND	Dry	Dry	Dry	NP	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	Dry	Dry	Dry	NP	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	Dry	Dry	Dry	NP	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	Dry	Dry	Dry	NP	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	Dry	Dry	Dry	NP	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	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	NP	NP	NP	
Total Lead (Pb)	(ug/l)	15	15	15	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	NP	NP	NP	
Total Nickel (Ni)	(ug/l)	20	20	100	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	NP	NP	NP	
Total Selenium (Se)	(ug/l)	10	10	50	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	NP	NP		
Total Silver (Ag)	(ug/l)	10	10	NE	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	NP	NP		
Total Thallium (Tl)	(ug/l)	2	2	2	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	NP	NP	NP	
Total Vanadium (V)	(ug/l)	20	20	NE	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	NP	NP	NP	
Total Zinc (Zn)	(ug/l)	20	20	NE	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	NP	NP	
Acetone	(ug/l)	100	100	NE	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	NP	NP	NP	
Acrylonitrile	(ug/l)	50	50	NE	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	NP	NP	NP	
Benzene	(ug/l)	2	2	5	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	NP	NP	NP	
Bromochloromethane	(ug/l)	10	10	NE	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	NP	NP	NP	
Bromodichloromethane *	(ug/l)	10	10	80	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	NP	NP	NP	
Bromofom *	(ug/l)	10	10	80	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	NP	NP	NP	
Carbon Disulfide	(ug/l)	5	5	NE	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	NP	NP	NP	
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	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	NP	NP	NP	
Carbon tetrachloride	(ug/l)	2	2	5	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	NP	NP	NP	
Chlorobenzene	(ug/l)	10	10	100	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	NP	NP	NP	
Chloroethane	(ug/l)	2	2	NE	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	NP	NP	NP	
Chloroform *	(ug/l)	2	2	80	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	NP	NP	NP	
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	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	NP	NP	NP	
Dibromochloromethane *	(ug/l)	10	10	80	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	NP	NP	NP	
Dibromomethane	(ug/l)	10	10	NE	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	NP	NP	NP	
1,2-Dichlorobenzene	(ug/l)	10	10	600	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	NP	NP	NP	
1,4-Dichlorobenzene	(ug/l)	10	10	75	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	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	Dry	Dry	Dry	NP	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	Dry	Dry	Dry	NP	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	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	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 #25 (1-9-13)**

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-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)	-	-	-	5.13	5.42	5.45	5.64	5.25	4.89	4.6	5.42	6.47	6.31	4.51	Dry	5.57	5.23	6.51	5.98	NP	5.4	5.39	5.17	Dry	7.32	7.69	5.82	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Specific Conductance	uS/cm (on-site)	1	-	-	11	23	31	18	18	26	45	79	86	71	92	Dry	34	67	142	96	NP	123	34	46	Dry	55	182	28	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Temperature	°C (on-site)	-	-	-	14.5	14.5	14.58	14.7	14.4	11.8	12.5	17.55	16.68	17.27	15.56	Dry	13.12	12.03	13.8	12.6	NP	15.8	12.43	13.1	Dry	15	14.3	15	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Turbidity	NTU (on-site)	0.1	-	-	36	8	6	10	9	17	10	7	10	7	10	Dry	10	261	76	10	NP	49	210	15	Dry	118	7	142	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	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	Dry	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 Barium (Ba)	(ug/l)	20	20	2000	ND	ND	ND	20.8	21.8	ND	37	71	26.3	28.7	58.5	Dry	22.3	118	31.9	25.5	NP	72.2	86.6	22.7	Dry	26.4	ND	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	Dry	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	Dry	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 Chromium (Cr)	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	10.7	ND	NP	ND	ND	ND	ND	ND	ND	ND	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	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 Copper (Cu)	(ug/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	36.5	ND	NP	ND	ND	ND	ND	ND	ND	ND	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	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 Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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 Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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 Silver (Ag)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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 Thallium (Tl)	(ug/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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 Vanadium (V)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	24.9	ND	NP	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	Dry	ND	ND	86.1	ND	NP	ND	ND	ND	ND	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	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	Dry	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	Dry	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	Dry	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	Dry	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
Bromofom *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
Carbon tetrachloride	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
Chlorobenzene	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
Chloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
Dibromochloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
Dibromomethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
1,2-Dichlorobenzene	(ug/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
1,4-Dichlorobenzene	(ug/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
1,1-Dichloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	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
1,2-Dichloroethane	(ug/l)	2																																							

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #27 (2-5-14)**

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)	-	-	-	4.23	5.10	5.76	5.16	4.56	4.97	4.98	5.41	6.35	6.21	4.53	4.35	5.26	4.75	5.69	5.86	NP	5.56	5.23	5.35	4.60	5.67	7.26	5.39	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP				
Specific Conductance	uS/cm (on-site)	-	-	-	16	18	33	14	17	21	39	59	87	63	86	26	31	25	99	76	NP	49	35	42	16	43	104	35	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Temperature	°C (on-site)	-	-	-	13.5	14.0	13.5	13.9	13.5	14.0	15.7	16.8	16.8	17.3	16.2	15.9	15.3	15.0	14.8	NP	NP	15.9	16.0	16.2	16.2	15.4	14.1	13.1	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Turbidity	NTU (on-site)	0.1	-	-	35	3	4	8	5	3	3	5	6	1	5	0	7	20	7	9	NP	8	157	7	7	4	8	2	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	NP	ND	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	NP	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Barium (Ba)	(ug/l)	20	20	2000	23.6	ND	ND	ND	ND	ND	35.3	60.7	ND	25.6	64.4	37.2	20.4	24.1	26.0	21.4	NP	65.0	48.8	29.5	ND	ND	ND	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	NP	ND	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	NP	ND	ND	ND	ND	ND	ND	ND	ND	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	NP	ND	ND	ND	ND	ND	ND	ND	ND	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	NP	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	ND	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	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	ND	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	NP	ND	ND	ND	ND	ND	ND	ND	ND	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	NP	ND	ND	ND	ND	ND	ND	ND	ND	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	NP	ND	ND	ND	ND	ND	ND	ND	ND	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	NP	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	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	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	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	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	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,2-Dichloroethane	(ug/l)	2	2																																							

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #28 (7-23-14)

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GW-1	GW-2	GW-1	GW-2	GW-3	GW-4	GW-5	GW-6	GW-7	GW-7A	GW-8	GW-9	GW-C10D	GW-C1	GW-C12R	GW-C13R	GW-C14R	GW-C15	GW-C16	GW-C17	GW-C18	GW-C19	GW-C20	GW-C21	GW-C22	GW-C23	GW-C24	GW-C25	GW-C26	GW-C27	GW-C28	GW-C29	FIELD BLANK				
pH	pH units (on-site)	-	-	-	4.13	4.55	5.16	4.42	4	4.48	4.88	5.21	6.18	5.68	3.94	4	5.17	4.91	5.69	5.76	NP	4.82	4.07	5.07	4.78	5.82	7.22	4.58	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Specific Conductance	uS/cm (on-site)	-	-	-	16	25	32	18	16	27	68	79	95	79	93	45	37	31	152	70	NP	29	40	48	16	44	134	26	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Temperature	°C (on-site)	-	-	-	14.9	17.3	15.9	16.2	16.1	16.9	19.4	20.7	19.3	18.6	17.5	18.2	18.5	18.3	18.5	15.7	NP	17.6	17.4	16.9	17.2	17.4	16.7	15.9	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Turbidity	NTU (on-site)	0.1	-	-	580	0	8	0	0	0	0	0	0	0	1	0	5	47	2	NP	NP	0	7	10	5	0	0	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	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	ND	NP	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Barium (Ba)	(ug/l)	20	20	2000	ND	ND	69.6	ND	ND	ND	31	65.7	ND	26.2	60.6	49.6	22.5	38.3	23.8	ND	NP	64	21.8	20.2	ND	ND	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	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	ND	NP	ND	ND	ND	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	10.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	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	ND	ND	ND	ND	ND	NP	ND	ND	ND	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	ND	ND	ND	ND	ND	NP	ND	ND	ND	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	ND	ND	ND	ND	ND	NP	ND	ND	ND	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	ND	ND	ND	ND	ND	NP	ND	ND	ND	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	ND	ND	ND	ND	ND	NP	ND	ND	ND	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	ND	ND	ND	ND	ND	NP	ND	ND	ND	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	ND	ND	ND	ND	ND	NP	ND	ND	ND	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	ND	ND	ND	ND	ND	NP	ND	ND	ND	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	31	ND	ND	ND	ND	ND	ND	ND	ND	27.4	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	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	ND	ND	ND	ND	ND	NP	ND	ND	ND	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	ND	ND	ND	ND	ND	NP	ND	ND	ND	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	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	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	NP	ND	ND	ND	ND	ND	ND	ND	NP	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	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	NP
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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	ND	NP	ND	ND	ND	ND	ND	ND	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																																		

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #30 (7-8-15)**

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)	-	-	-	4.74	3.74	5.01	4.34	4.46	4.75	4.89	5.2	6.14	5.92	4.21	5.47	5.71	5.54	5.58	5.76	5.91	5.4	5.25	5.5	5.24	5.74	6.56	7.54	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Specific Conductance	uS/cm (on-site)	-	-	-	19	24	36	19	20	29	68	86	96	80	123	168	42	37	231	105	301	30	45	75	46	44	131	24	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Temperature	°C (on-site)	-	-	-	14.8	15.7	15.6	16.3	16.6	15.8	16.7	17.9	19.2	18.8	16.5	17.3	17.2	16.3	17.3	15.2	19.3	20.1	15.6	16.7	20.6	17.7	16.1	17	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Turbidity	NTU (on-site)	0.1	-	-	0	7	8	9	0	0	0	0	8	3	0	1	6	9	9	0	0	7	0	11	8	6	4	6	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	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Barium (Ba)	(ug/l)	20	20	2000	ND	ND	ND	34.9	ND	ND	28.9	67.6	ND	27.1	72.5	160	26.4	24.3	41	28	69.8	65.4	22.8	28.6	ND	ND	ND	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	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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
Total Lead (Pb)	(ug/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	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	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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
Acetone	(ug/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	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	ND	ND	ND	ND	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	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
Carbon Disulfide	(ug/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	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	ND	ND	ND	ND	ND	ND	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	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
Chlorobenzene	(ug/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	NP
Chloroethane	(ug/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	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	ND	ND	ND	ND	ND	ND	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	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
Dibromochloromethane *	(ug/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	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	ND	ND	ND	ND	ND	ND	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	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
1,4-Dichlorobenzene	(ug/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	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	ND	ND	ND	ND	ND	ND	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	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
1,2-Dichloroethane	(ug/l)	2	2</																																						

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #31 (1-29-16)**

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)	-	-	-	5.15	5.26	5.7	4.79	4.77	5.05	5	5.44	6.57	6.43	4.69	4.28	5.52	4.85	6.05	5.97	6.29	5.07	5.44	5.46	5.27	5.62	7.7	5.08	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Specific Conductance	uS/cm (on-site)	-	-	-	16	21	41	20	16	24	39	75	100	85	104	284	46	67	233	104	232	39	42	68	20	50	152	31	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Temperature	°C (on-site)	-	-	-	15.2	14.7	15.8	15.5	14.3	14.5	16.1	17.7	18.3	17.6	18.7	18.7	18	18.2	16.2	17.4	16.8	17.7	15.8	17.5	13.1	12.7	16.3	15.4	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Turbidity	NTU (on-site)	0.1	-	-	9	6	4	8	4	3	4	0	7	6	0	0	1	1	3	4	0	7	5	9	8	10	3	0	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	ND	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	ND	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	ND	ND	ND	ND	20.8	ND	39.2	76.7	ND	28.1	71.2	293	26.9	54.7	41.4	27.1	53.9	72.1	24.1	30.3	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	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	186	ND	ND	51	ND	ND	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	ND	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	ND	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	ND	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	ND	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	ND	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	ND	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	ND	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	ND	ND	ND	ND	ND	121	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromoforn *	(ug/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	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP								

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #32 (7-27-16)**

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)	-	-	-	5.35	5.44	5.06	5.52	5.14	5.38	5.28	5.58	4.93	5.39	5.16	5.42	4.68	5.77	4.67	4.68	4.94	4.56	4.79	5.31	5.32	5.98	7.54	5.00	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Specific Conductance	uS/cm (on-site)	-	-	-	14	26	30	76	17	24	70	83	82	72	92	351	38	97	293	66	176	27	39	76	17	43	128	20	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Temperature	°C (on-site)	-	-	-	15.6	17.9	15.8	18.1	15.3	15.9	17.8	18.6	20.5	20.8	20	19.2	17.3	16.9	18.7	16.4	20.9	19.3	17.4	17.2	16.9	17.4	16.3	16.2	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Turbidity	NTU (on-site)	0.1	-	-	0	0	2	8	0	6	3	2	5	0	0	0	0	0	0	0	0	0	4	3	1	6	3	0	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	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Barium (Ba)	(ug/l)	20	20	2000	ND	ND	ND	59.6	ND	ND	28.6	71.3	ND	29.1	57.4	427	29.1	86.3	55.2	22.5	48.8	76.2	28.1	30.8	ND	ND	ND	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	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	155	ND	ND	ND	75.1	ND	ND	ND	ND	ND	ND	ND	ND	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	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
Total Lead (Pb)	(ug/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	NP
Total Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.4	ND	ND	21.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	13.9	ND	ND	ND	ND	ND	ND	ND	17.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	173	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
Acetone	(ug/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	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	ND	ND	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	2.1	ND	ND	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	ND	ND	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	ND	ND	ND	ND	ND	ND	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	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
Carbon Disulfide	(ug/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	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	ND	ND	ND	ND	ND	ND	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	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
Chlorobenzene	(ug/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	NP
Chloroethane	(ug/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	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	ND	ND	ND	ND	ND	ND	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	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
Dibromochloromethane *	(ug/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	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	ND	ND	ND	ND	ND	ND	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	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
1,4-Dichlorobenzene	(ug/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	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	ND	ND	ND	ND	ND	ND	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	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
1,2-Dichloroethane	(ug/l)																																								

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #35 (1-4-18)**

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)	-	-	-	4.54	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	NP				
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	NP			
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	NP			
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	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	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Barium (Ba)	(ug/l)	20	20	2000	ND	ND	ND	21.5	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	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	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	
Total Lead (Pb)	(ug/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	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	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	NP	
Acetone	(ug/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	NP	
Acrylonitrile	(ug/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	NP	
Benzene	(ug/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	NP	
Bromochloromethane	(ug/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	NP	
Bromodichloromethane *	(ug/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	NP	
Bromofom *	(ug/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	NP	
Carbon Disulfide	(ug/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	NP	
Bromomethane (Methylbromide)	(ug/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	NP	
Carbon tetrachloride	(ug/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	NP	
Chlorobenzene	(ug/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	NP	
Chloroethane	(ug/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	NP	
Chloroform *	(ug/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	NP	
Chloromethane (Methylchloride)	(ug/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	NP	
Dibromochloromethane *	(ug/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	NP	
Dibromomethane	(ug/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	NP	
1,2-Dichlorobenzene	(ug/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	NP	
1,4-Dichlorobenzene	(ug/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	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	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,2-Dichloroethane	(ug/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)	-	-	-	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)	(ug/l)	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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND		
Total Arsenic (As)	(ug/l)	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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND		
Total Barium (Ba)	(ug/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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Beryllium (Be)	(ug/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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Cadmium (Cd)	(ug/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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Chromium (Cr)	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Total Cobalt (Co)	(ug/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Copper (Cu)	(ug/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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Lead (Pb)	(ug/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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Nickel (Ni)	(ug/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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	ND	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Silver (Ag)	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Total Thallium (Tl)	(ug/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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Vanadium (V)	(ug/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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Total Zinc (Zn)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	59	ND	ND	ND	ND	23	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	ND	23	ND
Acetone	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Acrylonitrile	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Benzene	(ug/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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
Bromochloromethane	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Bromodichloromethane *	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Bromofom *	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon Disulfide	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Bromomethane (Methylbromide)	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon tetrachloride	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Chlorobenzene	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroethane	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroform *	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Chloromethane (Methylchloride)	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Dibromochloromethane *	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
Dibromomethane	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
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	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethane	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloroethane	(ug/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	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethene (ethylene)	(ug/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	NP	NP	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	LAB 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	LAB 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; 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 #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	L _{AB} 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	LAB 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; 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 #32 (7-27-16)**

TEST	UNITS	L _{AB} MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.69	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; 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 #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; 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-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; 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 #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; 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 #39 (1-8-20)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.99	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; 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 #42 (7-9-21)**

TEST	UNITS	LAB 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	ND	ND
Total Barium (Ba)	(µg/l)	20	20	2000	45	44	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	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

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; GEPD 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; GEPD 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; GEPD 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; GEPD 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*; GEPD 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; GEPD 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; GEPD 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*; GEPD 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*; GEPD 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*; GEPD 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; GEPD 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*; GEPD 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	ND	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; GEPD 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	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE ND	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	10	1.3 ND	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Chromium (Cr)	µg/l	10	NE ND	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2 ND	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Nickel (Ni)	µg/l	20	29 ND	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Silver (Ag)	µg/l	10	NE ND	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Zinc (Zn)	µg/l	20	65 ND	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300 NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Arsenic (As)	µg/l	10	50 NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Barium (Ba)	µg/l	20	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cobalt (Co)	µg/l	10	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Copper (Cu)	µg/l	20	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Lead (Pb)	µg/l	15	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Selenium (Se)	µg/l	10	NE ND	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Silver (Ag)	µg/l	10	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3 NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Vanadium (V)	µg/l	20	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Acetone	µg/l	100	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Benzene	µg/l	2	71 NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Carbon Disulfide	µg/l	5	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Toluene	µg/l	2	200,000 NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE NT	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Other Appendix I VOCs	µg/l	-	- NT	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*; GEPD 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; GEPD 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; GEPD 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	ND	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	ND	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	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	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	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	ND	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	NT	32	ND	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE NT	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	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; GEPD 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	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	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	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	24
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	26	34
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	NT	Dry	Dry	NP	NT	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE	NT	Dry	Dry	NP	NT	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; GEPD 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; GEPD 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; GEPD 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; GEPD 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; GEPD 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; GEPD 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:

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; GEPD 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; GEPD 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; GEPD 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*; GEPD 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; GEPD 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; GEPD 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*; GEPD 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; GEPD 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*; GEPD 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; GEPD 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; GEPD 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; GEPD 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; GEPD 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; GEPD 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*; GEPD 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; GEPD 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; GEPD 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

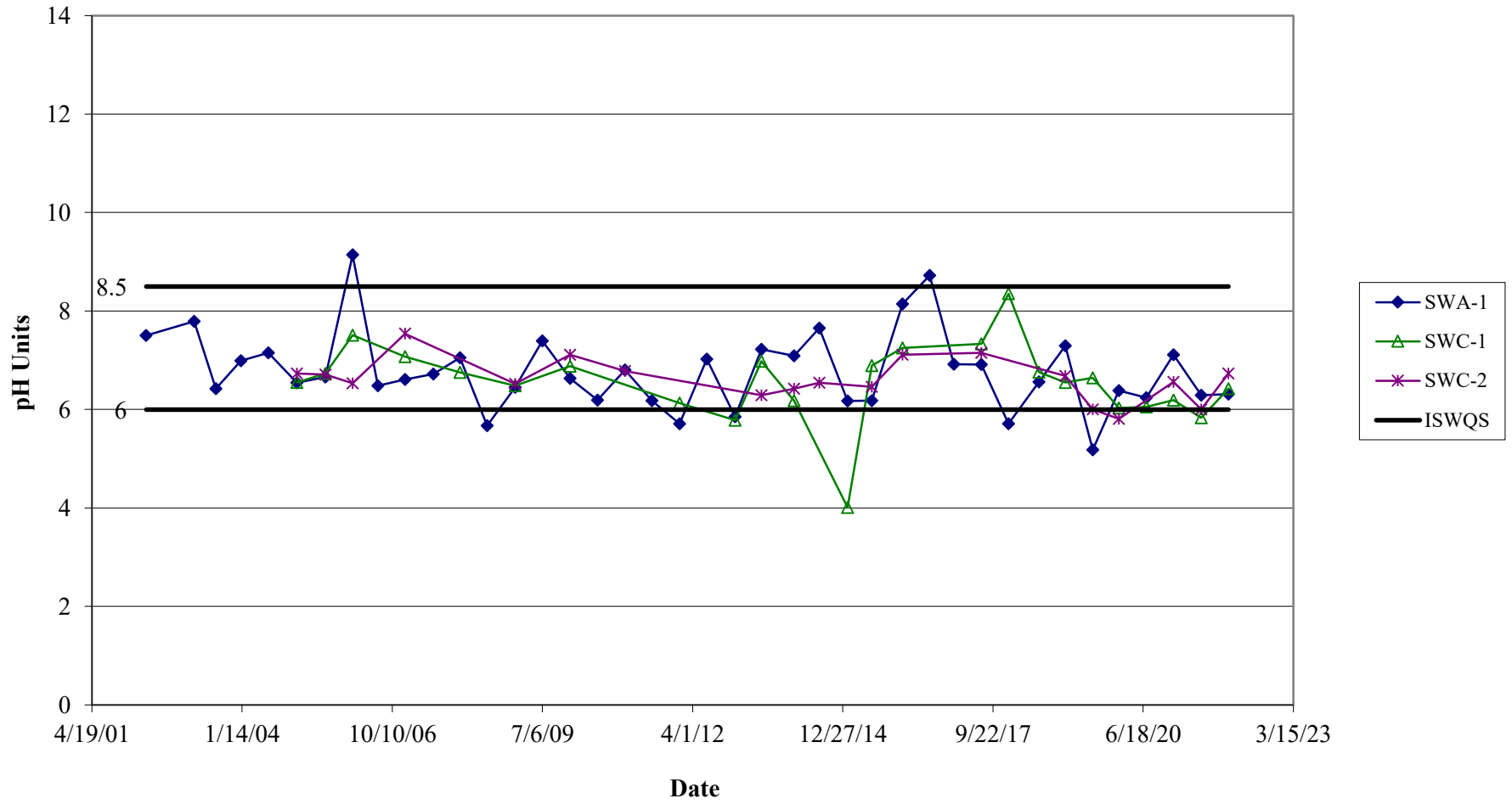
NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

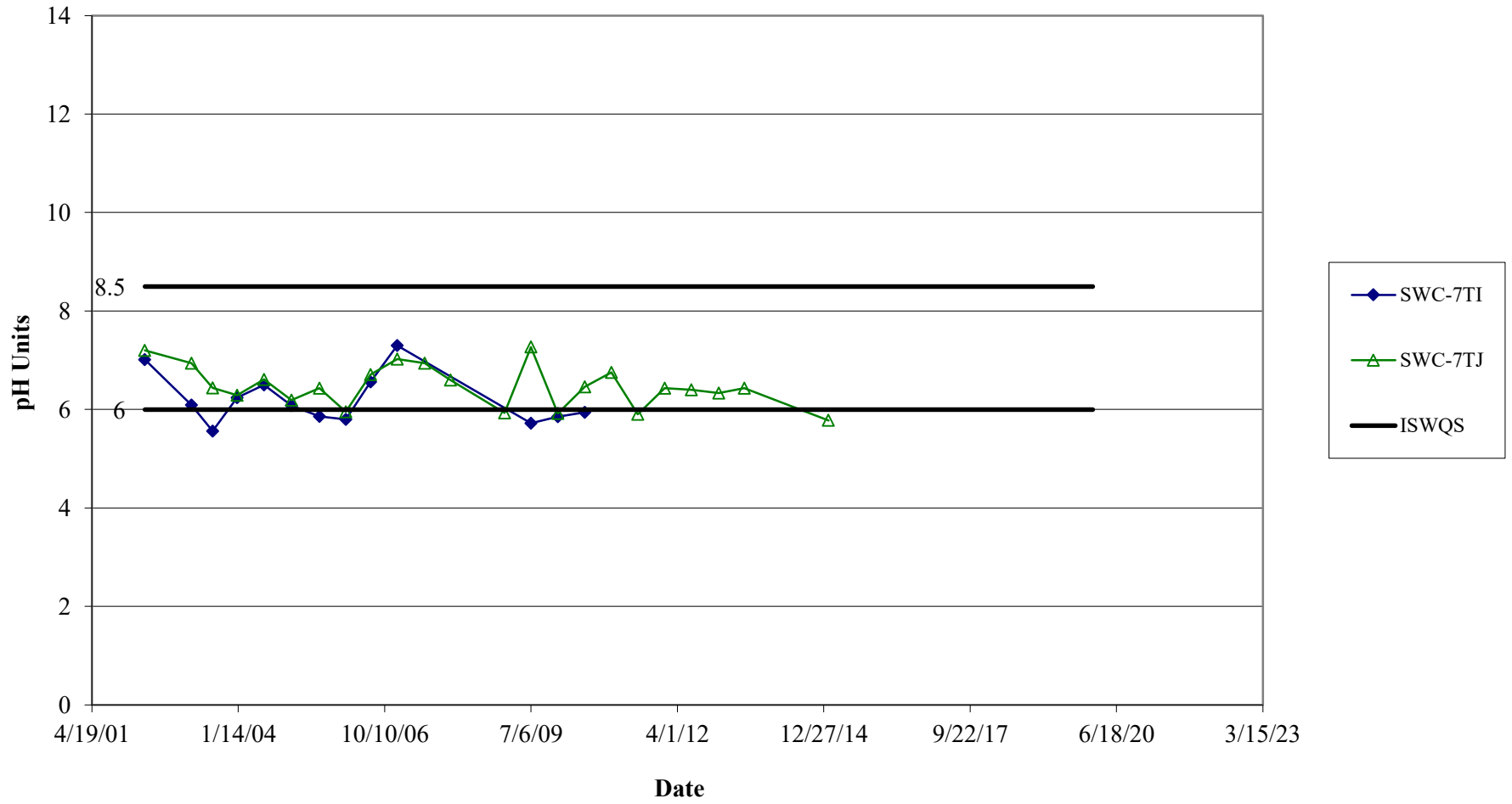
pH

Eagle Point Landfill - Forsyth Co., GA



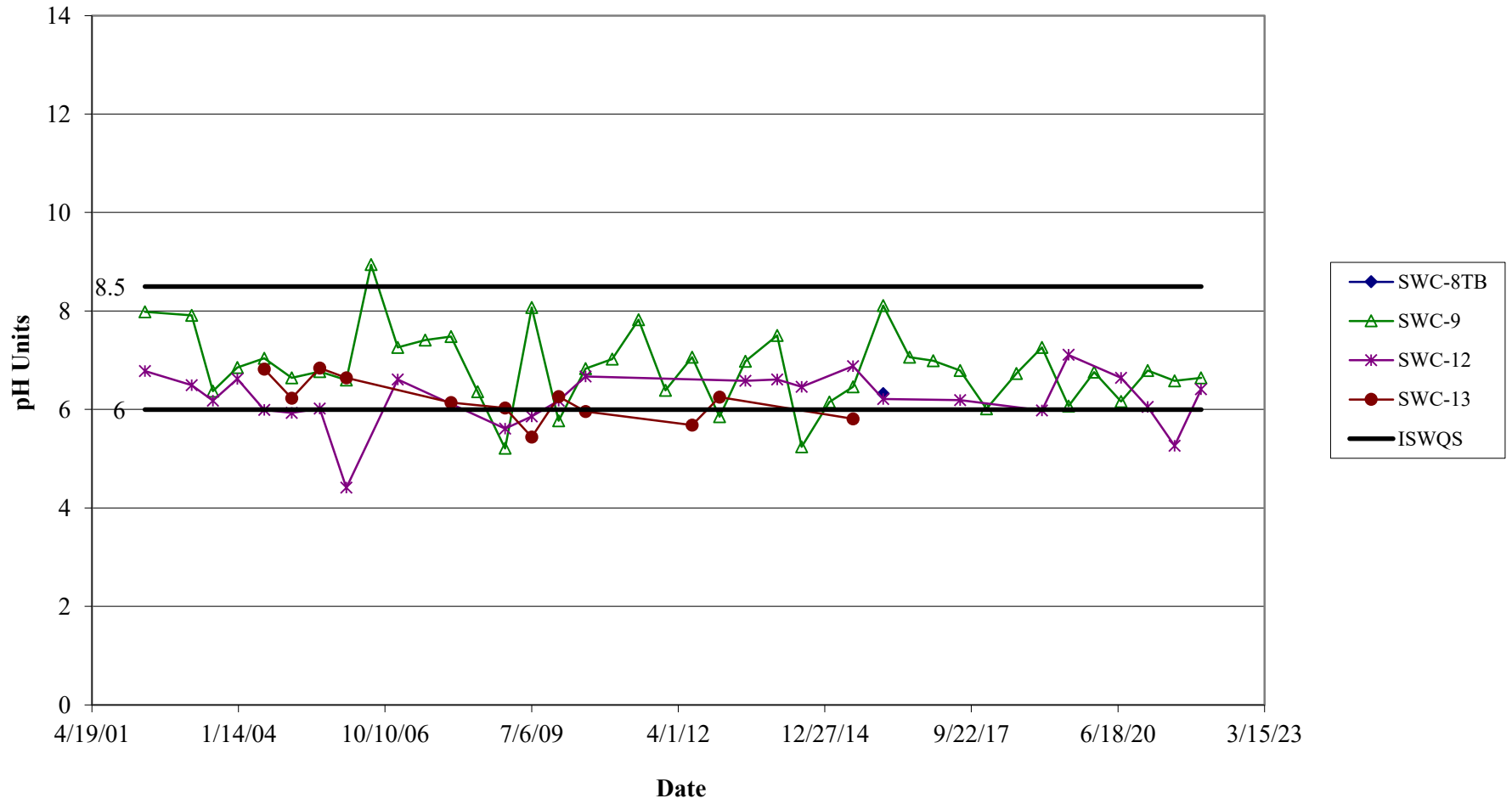
pH

Eagle Point Landfill - Forsyth Co., GA



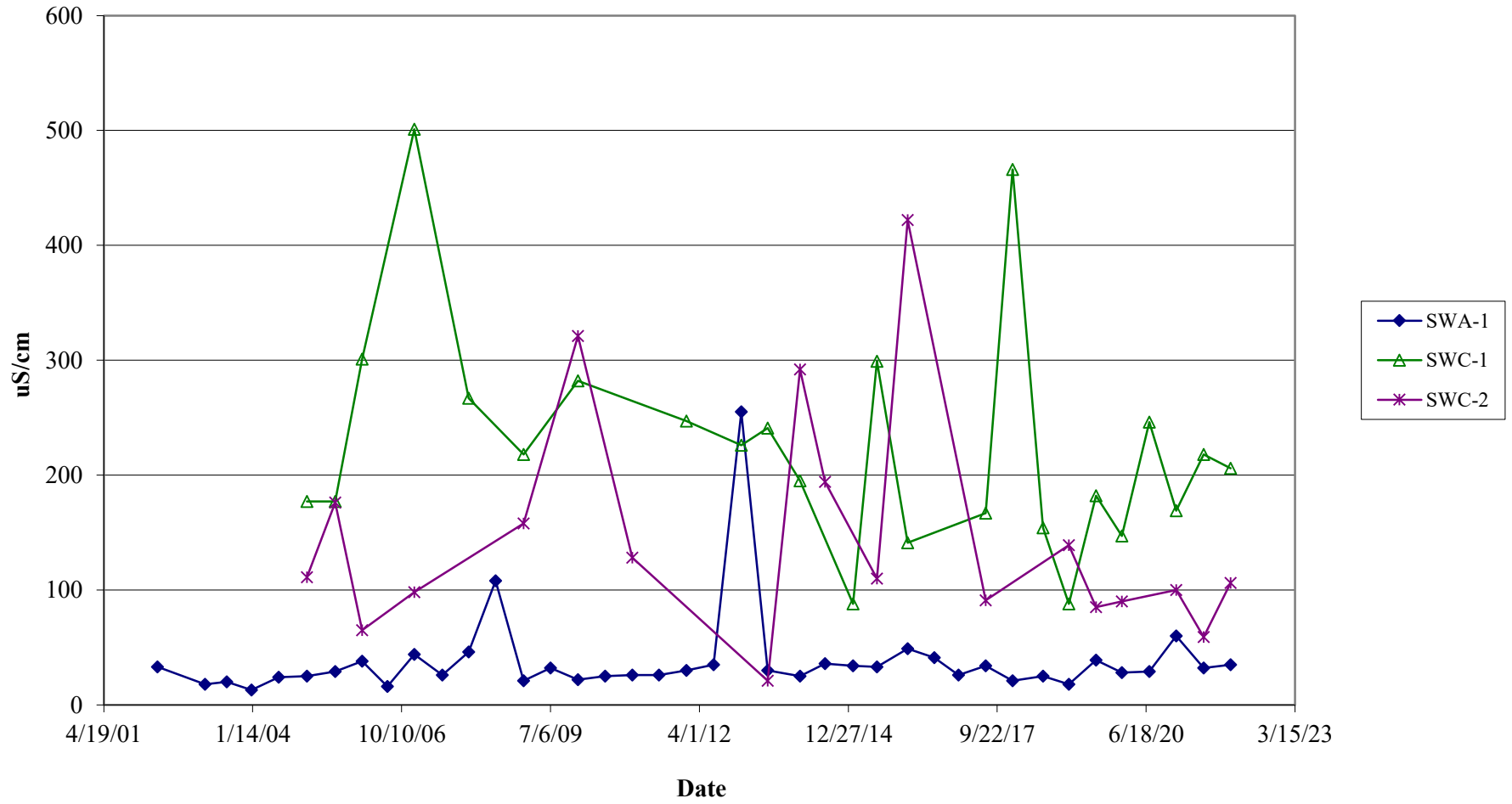
pH

Eagle Point Landfill - Forsyth Co., GA



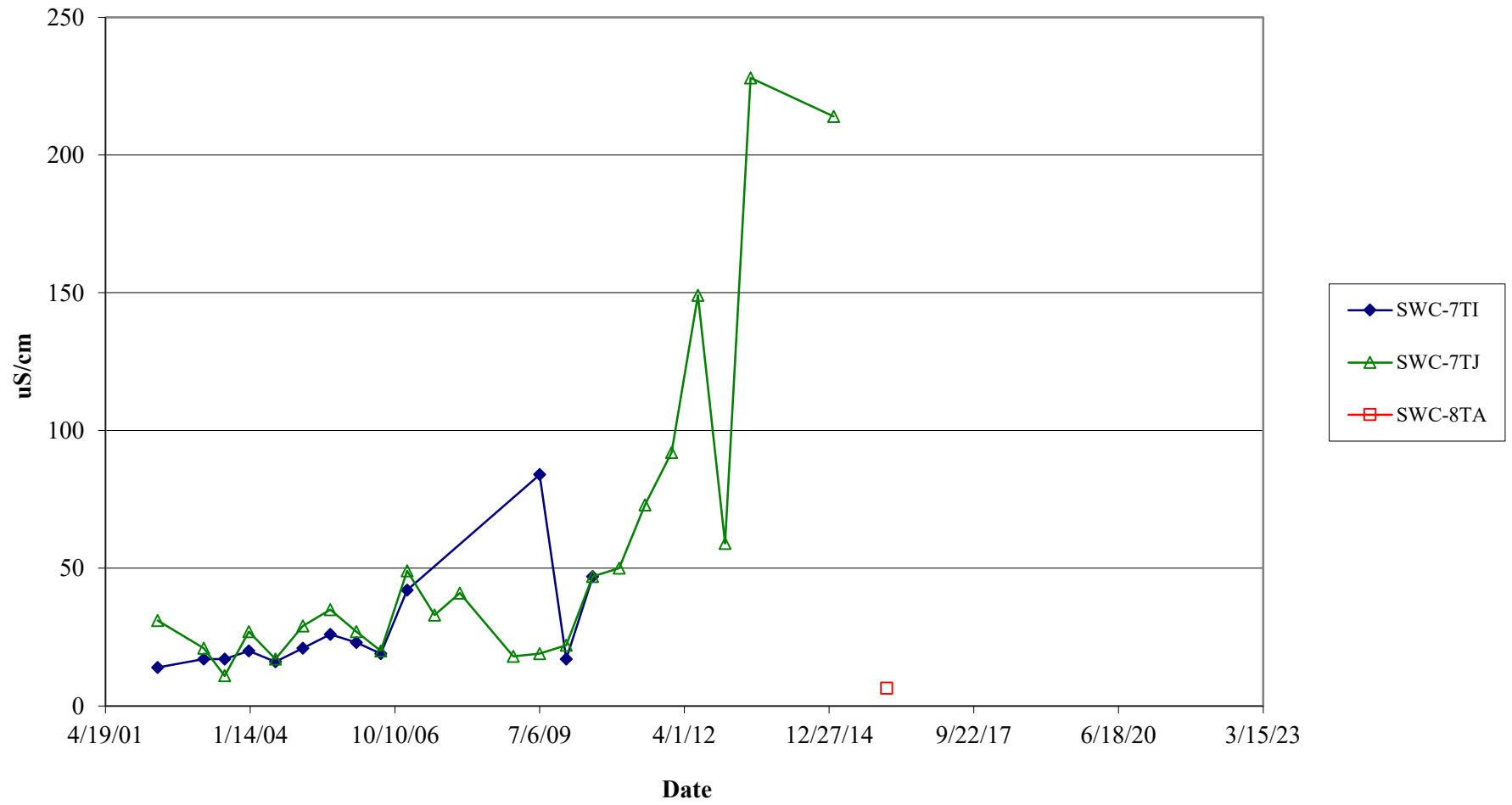
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



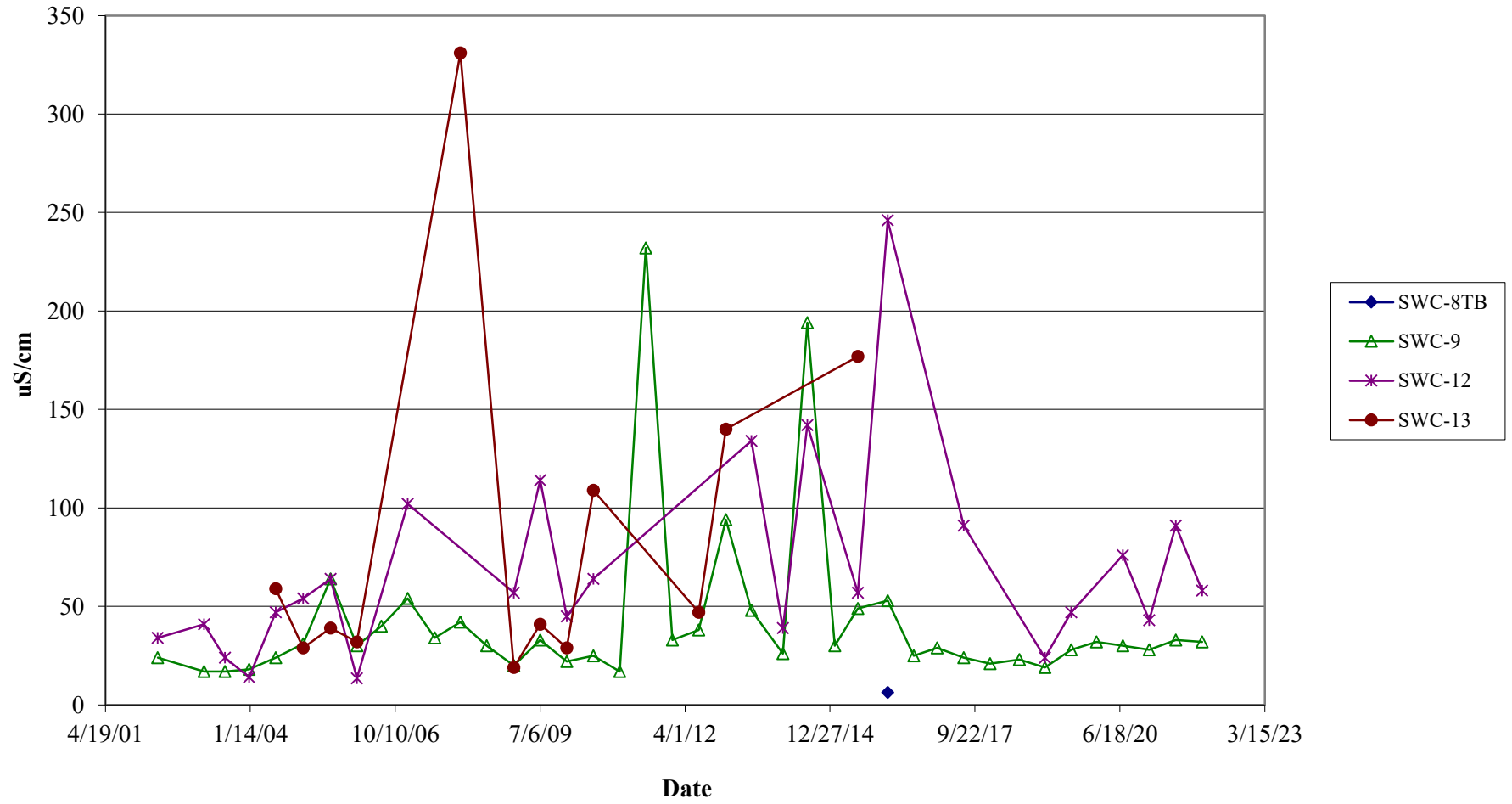
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



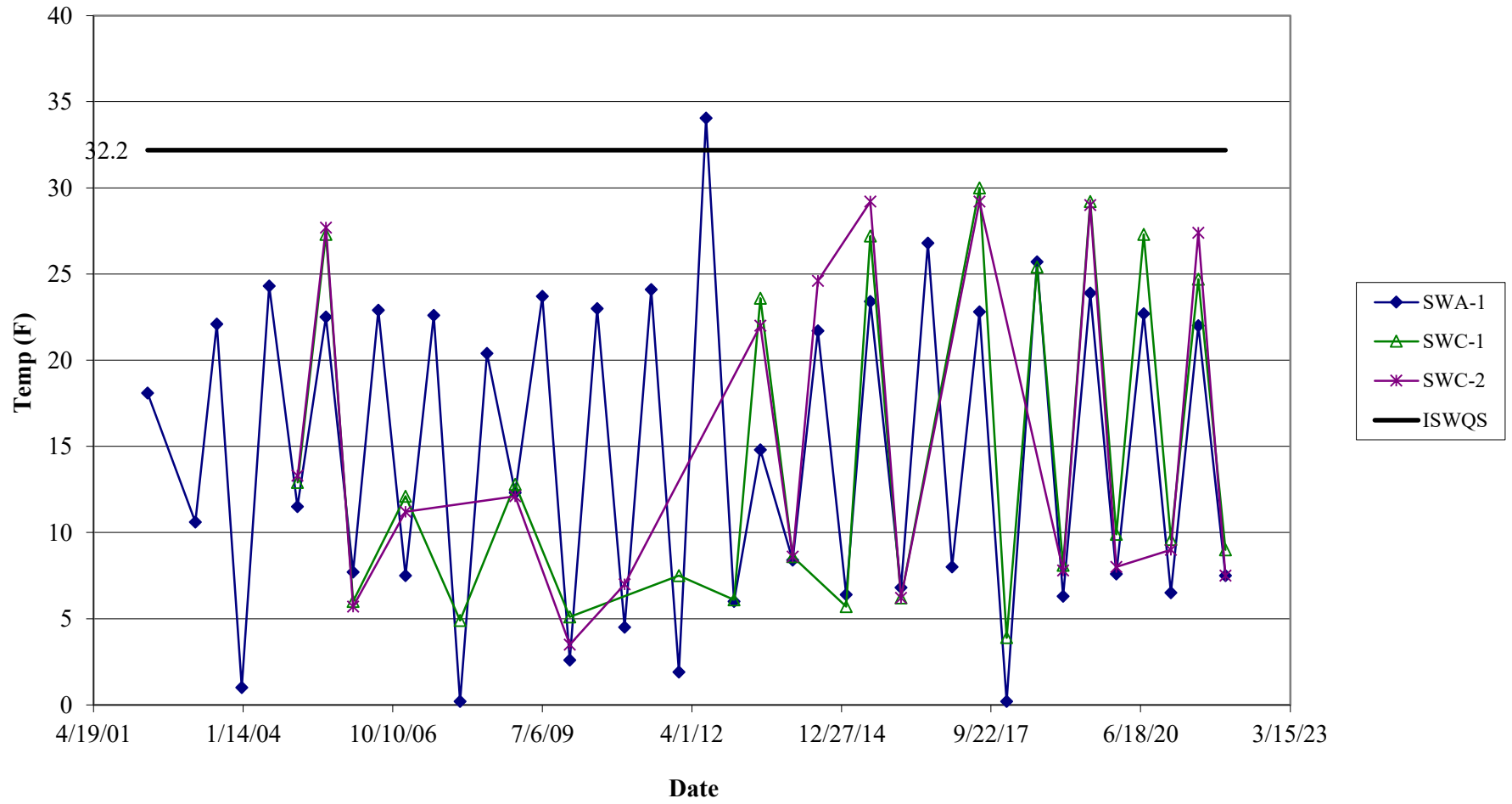
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



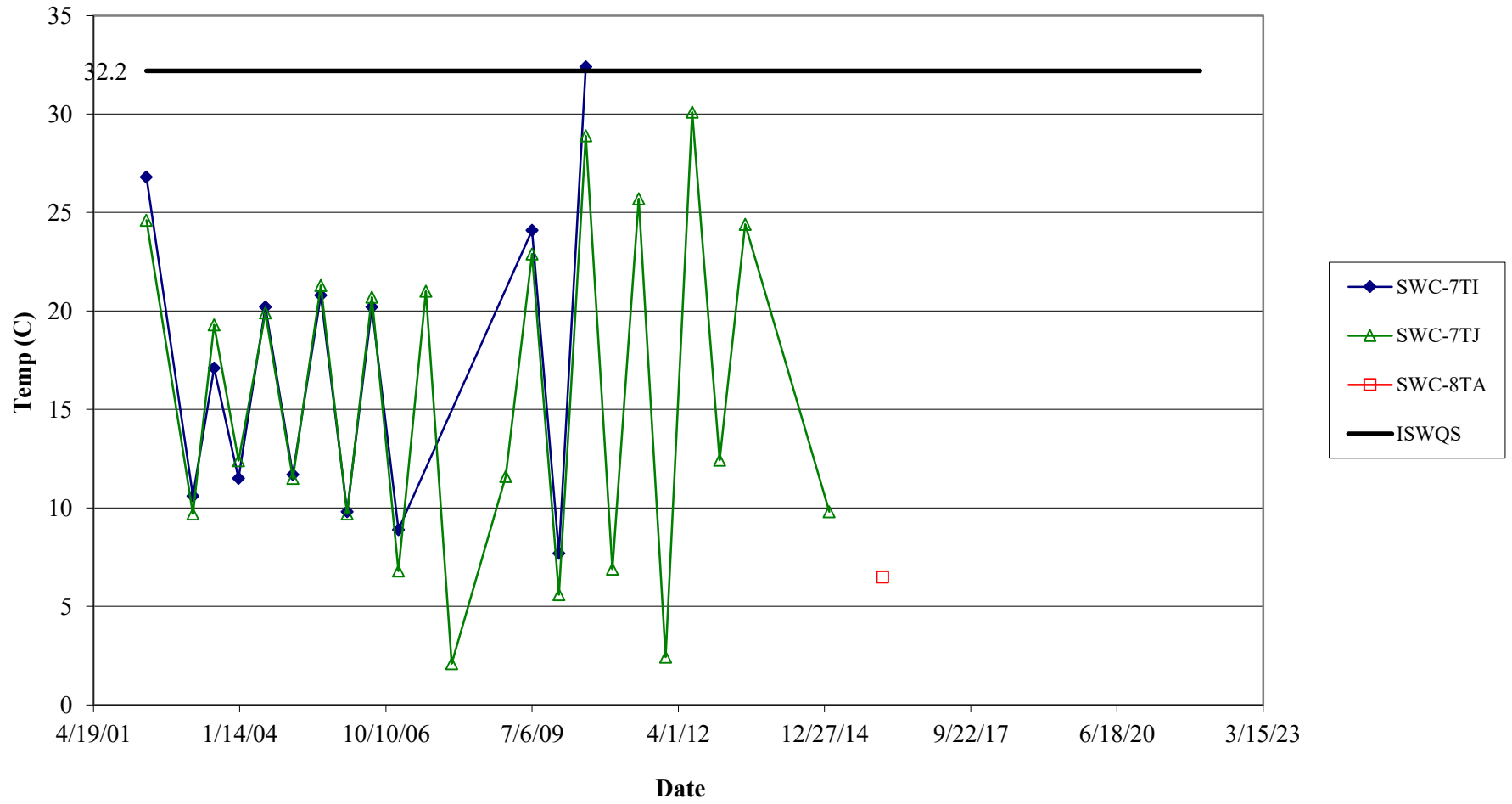
Temperature

Eagle Point Landfill - Forsyth Co., GA



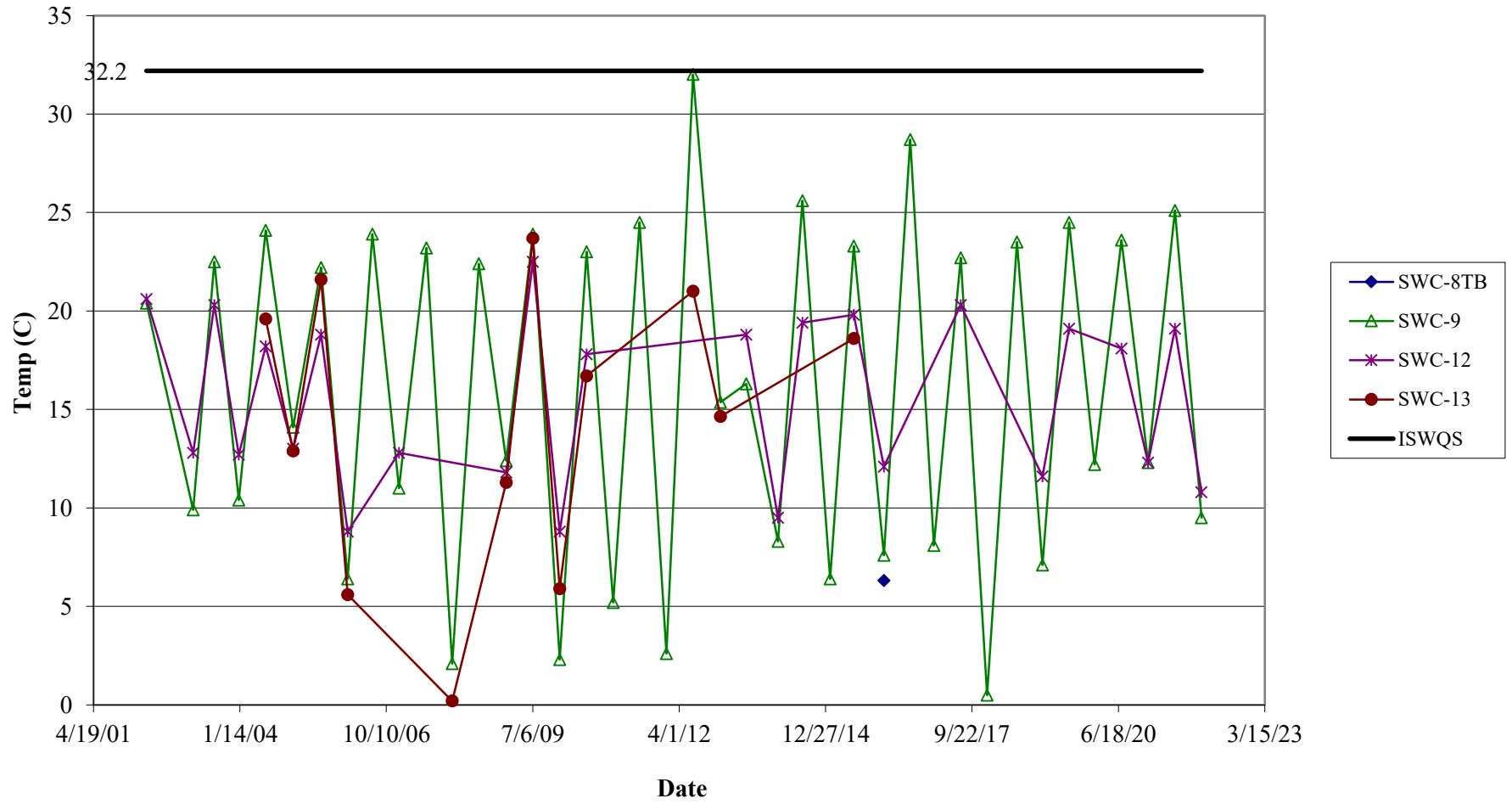
Temperature

Eagle Point Landfill - Forsyth Co., GA



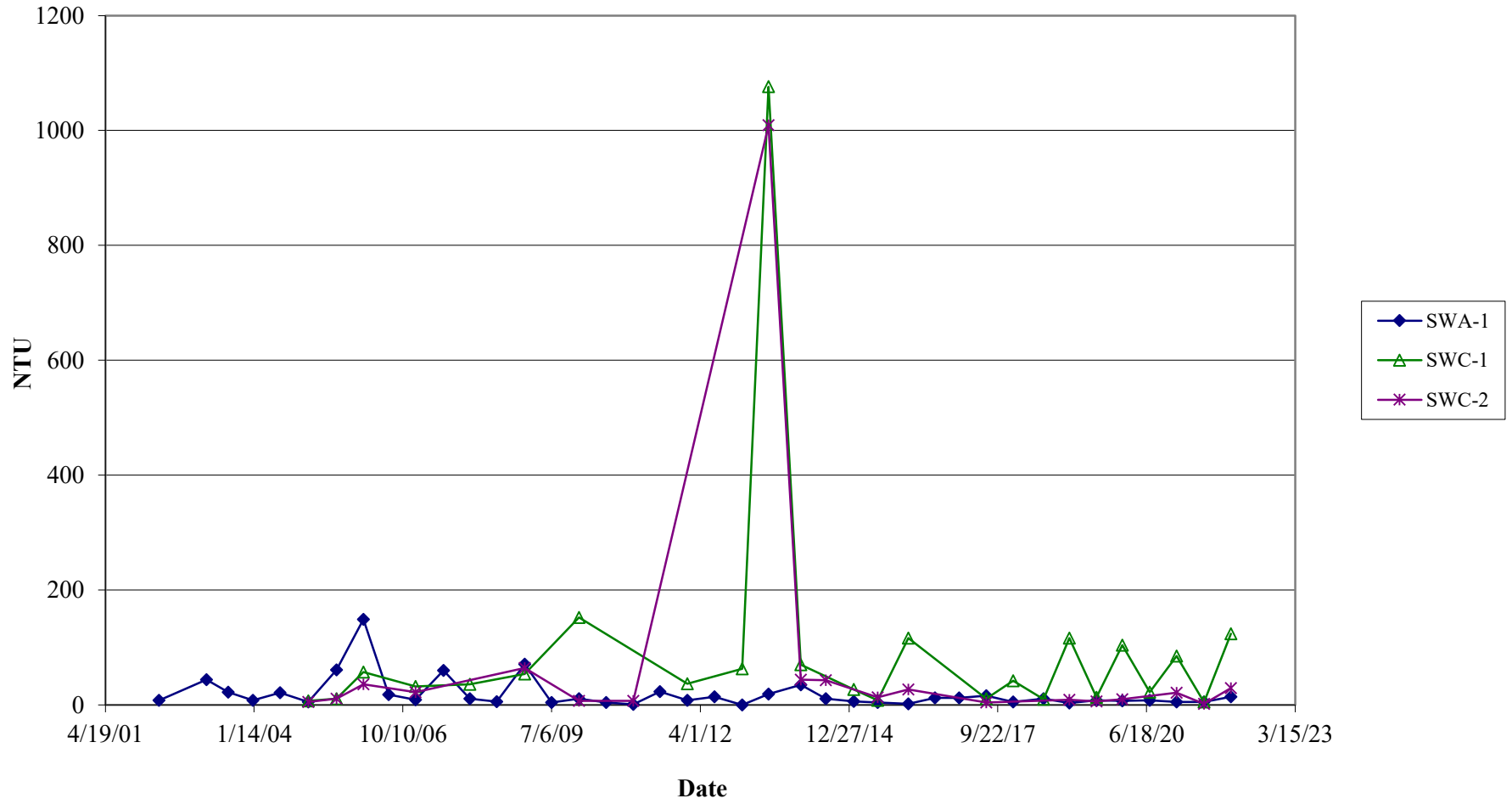
Temperature

Eagle Point Landfill - Forsyth Co., GA



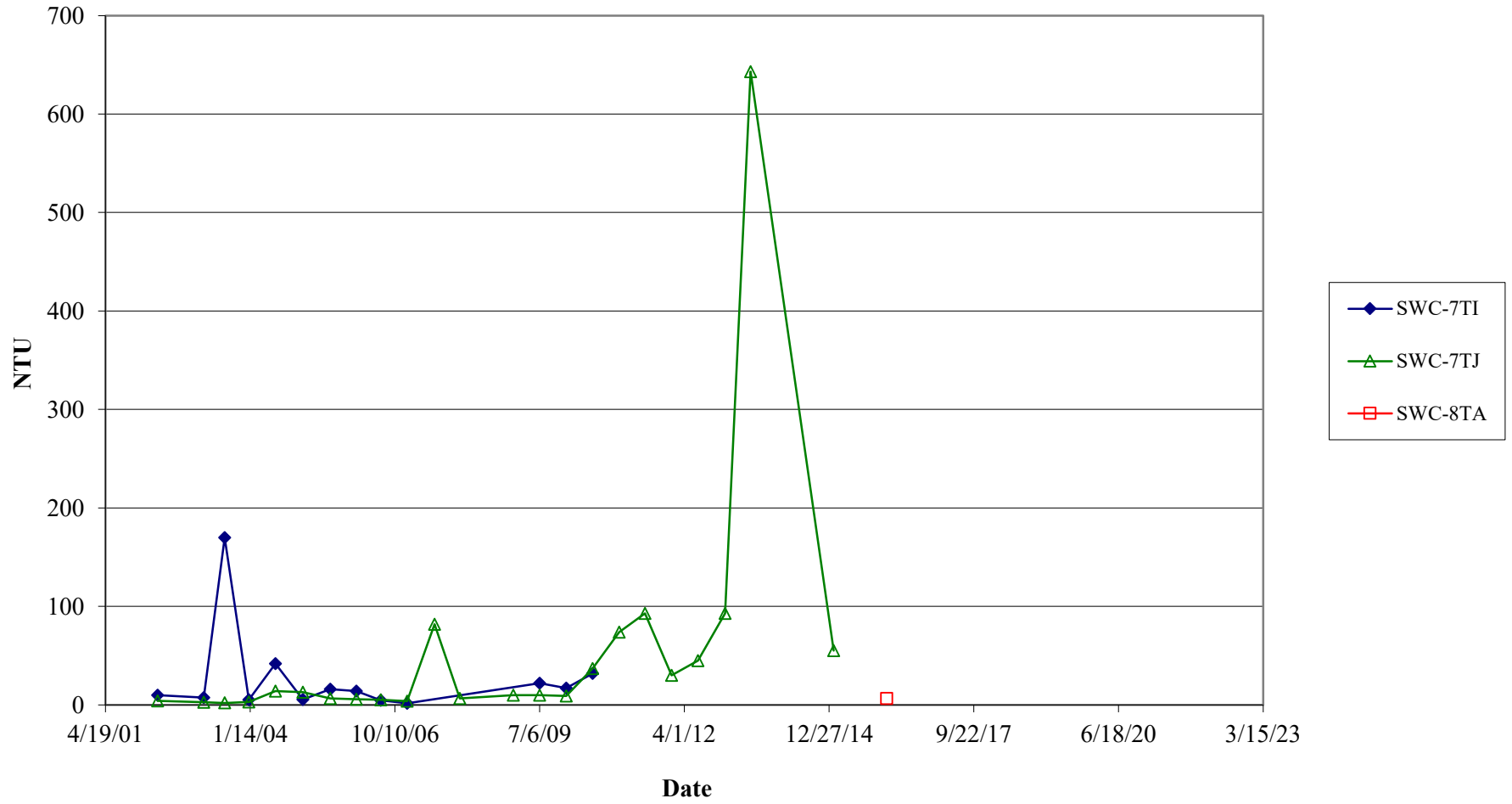
Turbidity

Eagle Point Landfill - Forsyth Co., GA



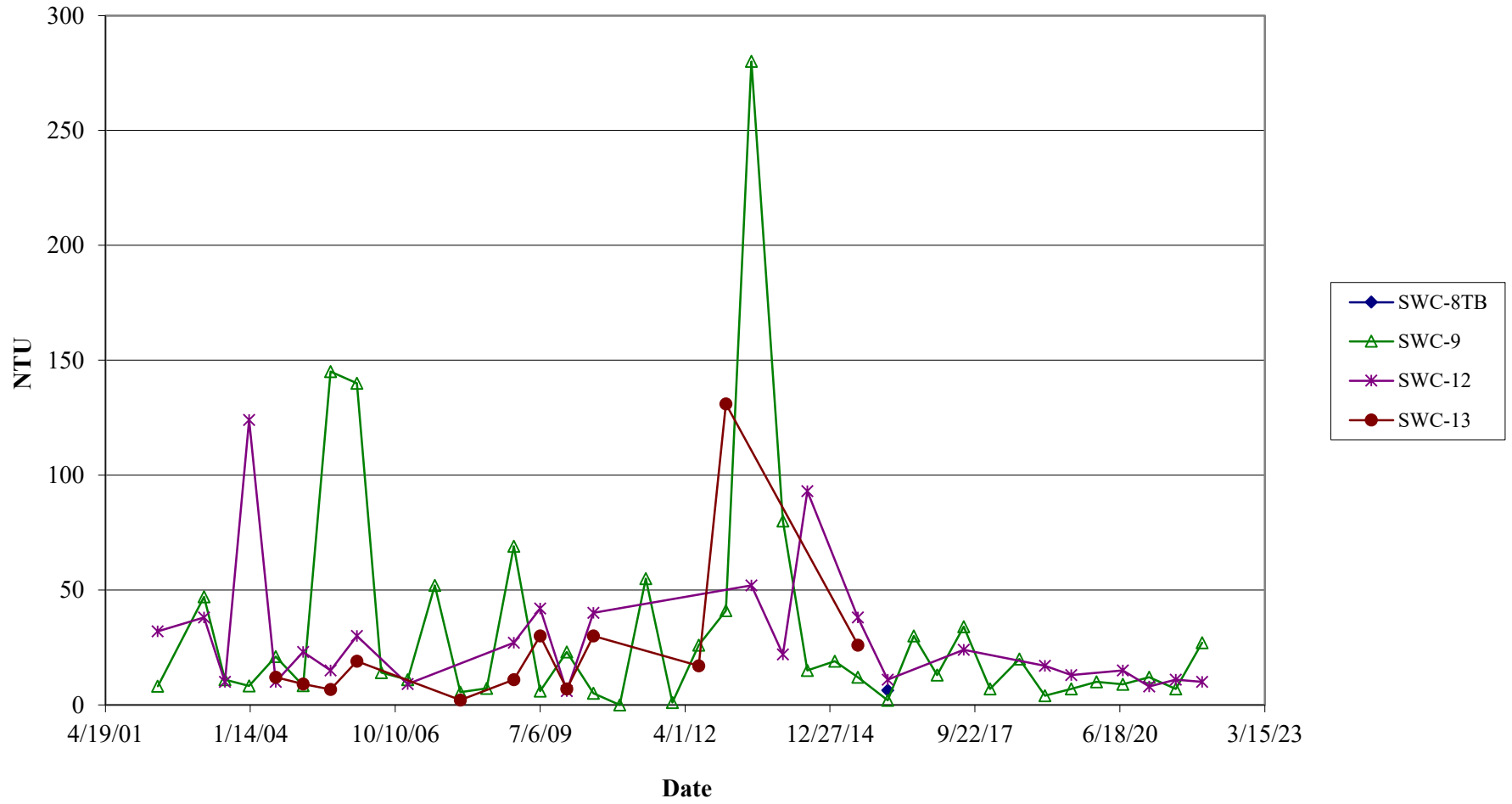
Turbidity

Eagle Point Landfill - Forsyth Co., GA



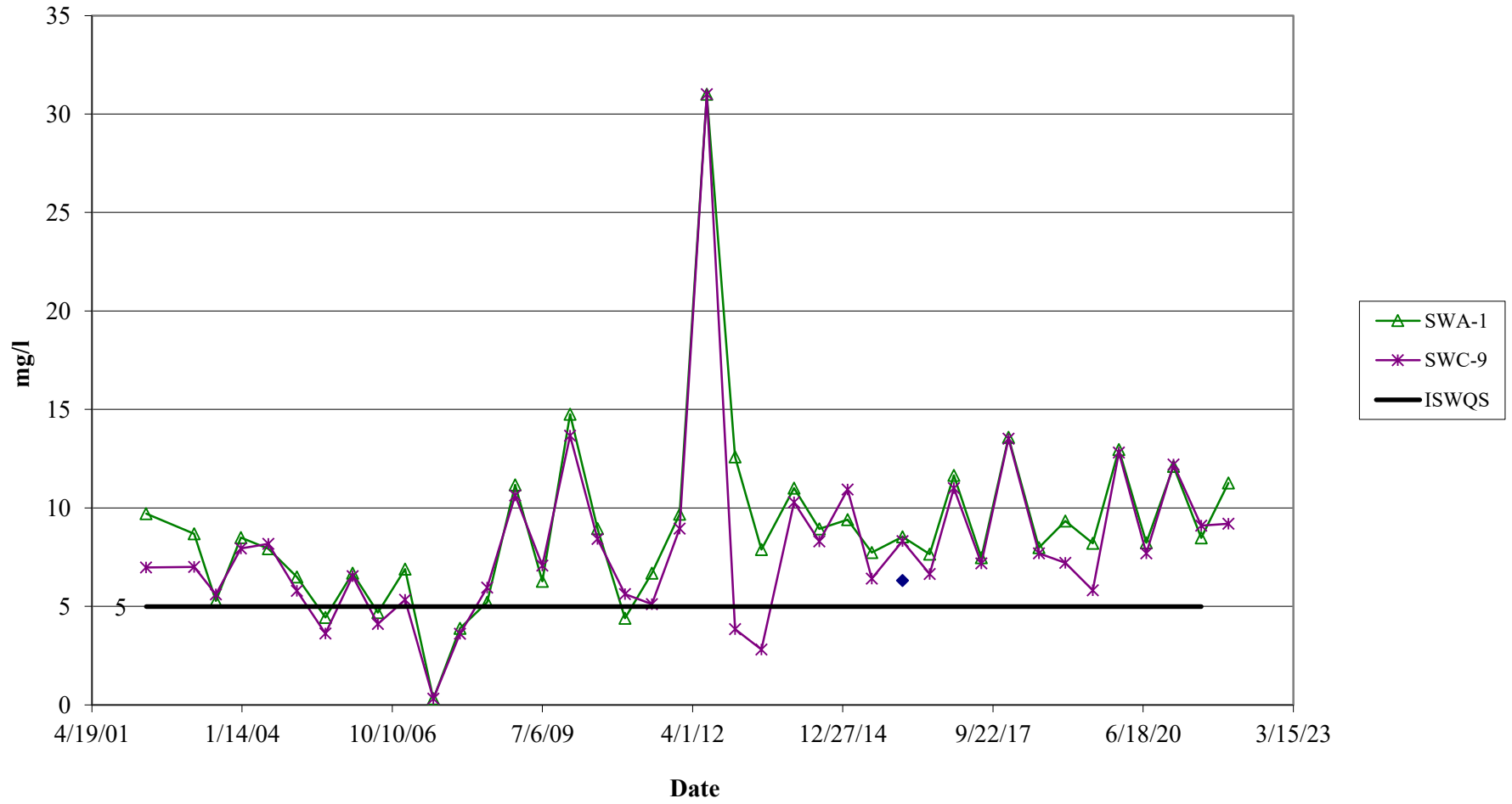
Turbidity

Eagle Point Landfill - Forsyth Co., GA



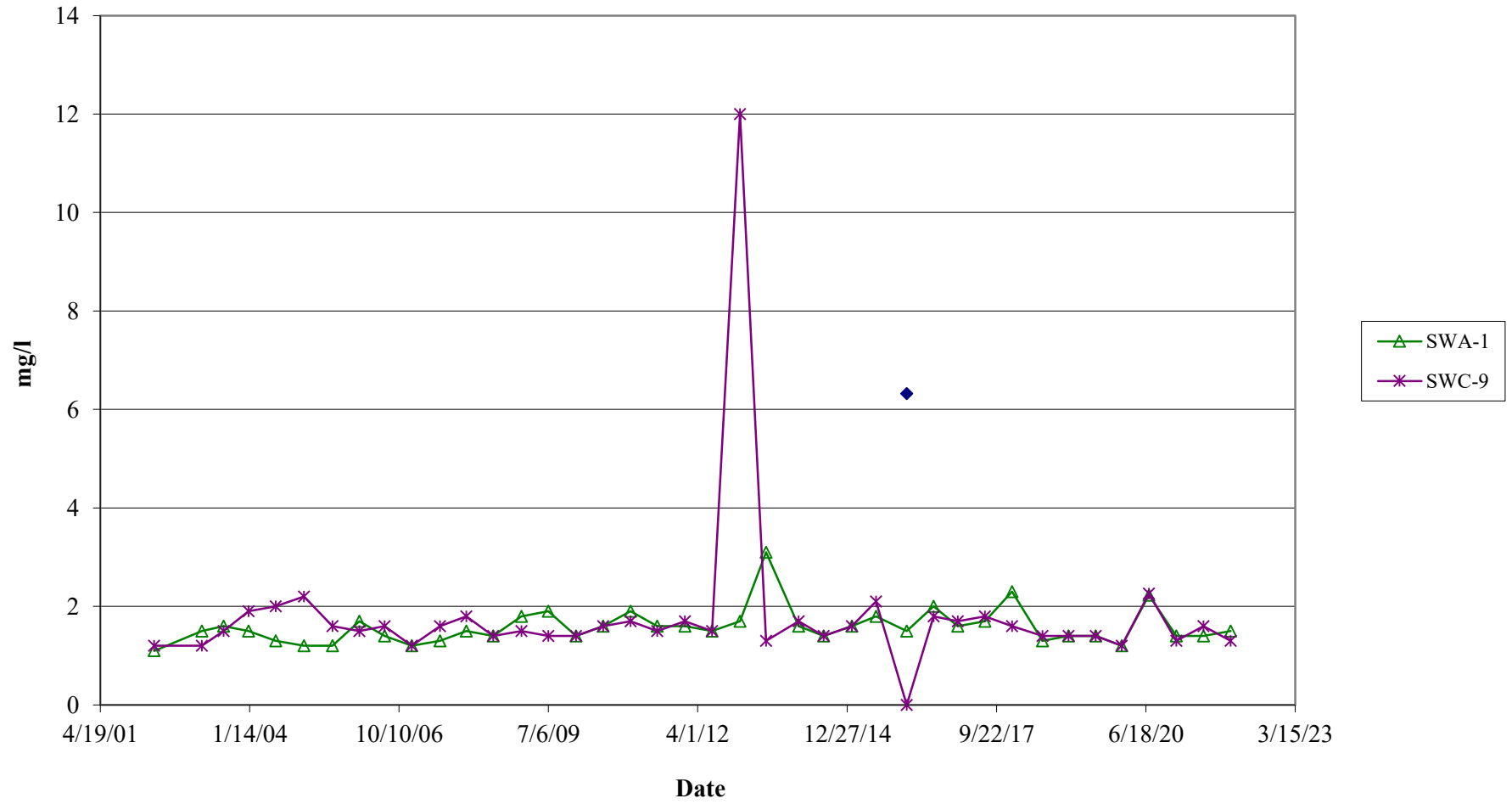
Dissolved Oxygen

Eagle Point Landfill - Forsyth Co., GA



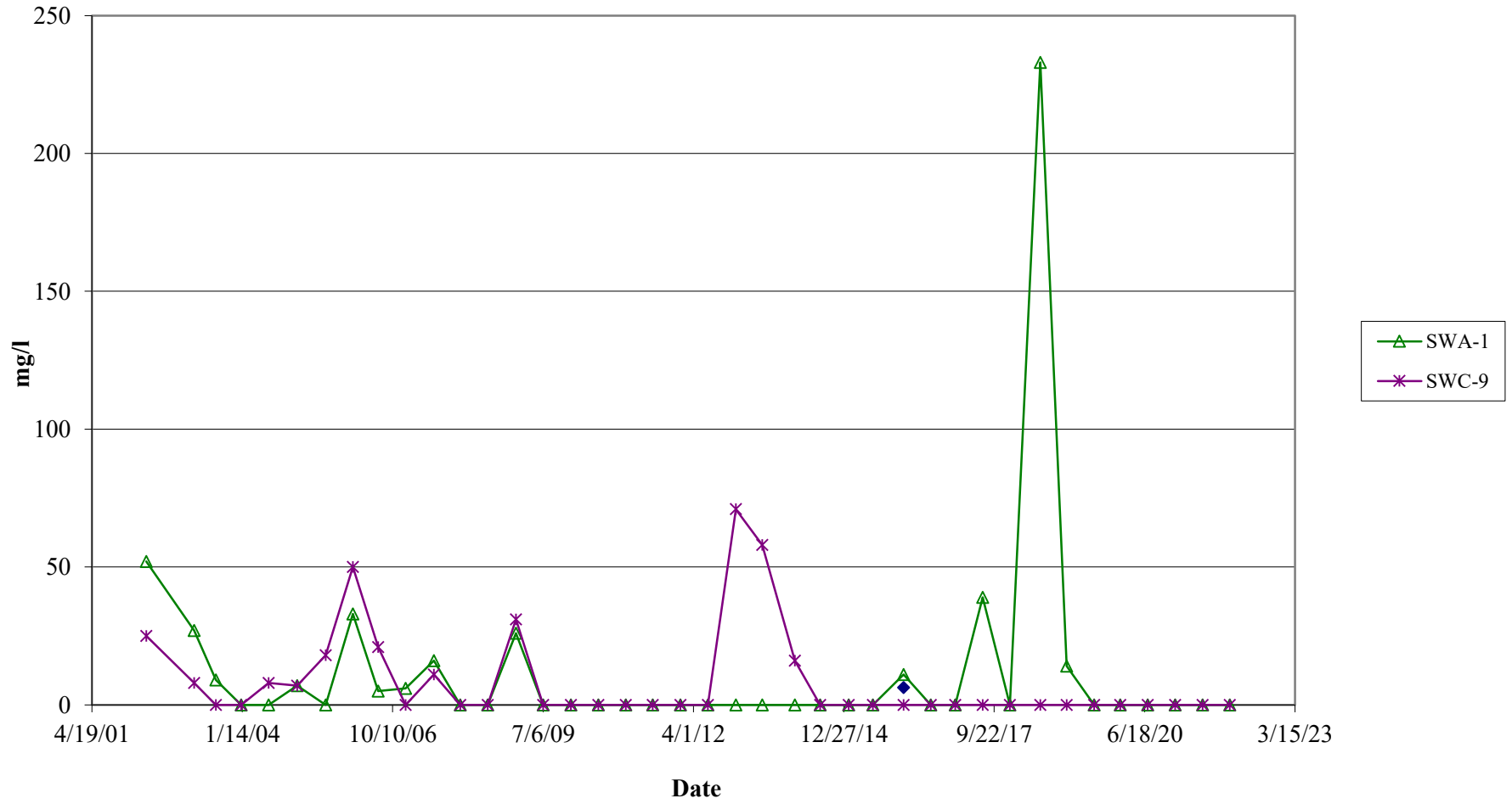
Chloride

Eagle Point Landfill - Forsyth Co., GA



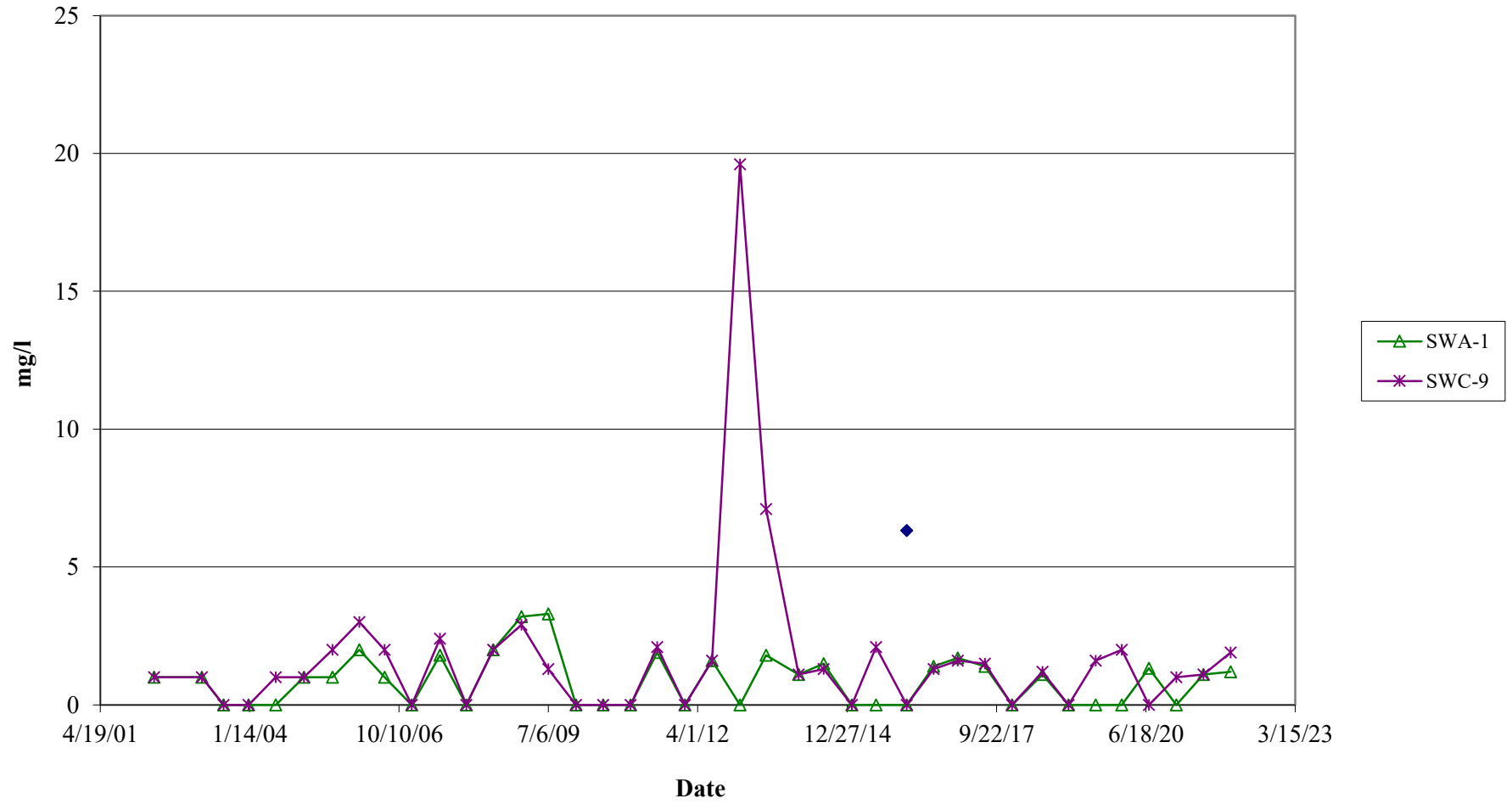
COD

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	909	906	3	99.7%	Non-Parametric Prediction Limits
Total Barium	909	356	553	39.2%	Kruskal-Wallis
Total Cadmium	909	908	1	99.9%	Non-Parametric Prediction Limits
Total Beryllium	909	907	2	99.8%	Non-Parametric Prediction Limits
Total Chromium	909	867	42	95.4%	Non-Parametric Prediction Limits
Total Cobalt	909	863	46	94.9%	Non-Parametric Prediction Limits
Total Copper	909	888	21	97.7%	Non-Parametric Prediction Limits
Total Lead	909	902	7	99.2%	Non-Parametric Prediction Limits
Total Nickel	909	888	21	97.7%	Non-Parametric Prediction Limits
Total Selenium	909	893	16	98.2%	Non-Parametric Prediction Limits
Total Vanadium	909	869	40	95.6%	Non-Parametric Prediction Limits
Total Zinc	909	730	179	80.3%	Kruskal-Wallis
Benzene	912	897	15	98.4%	Non-Parametric Prediction Limits
Carbon Disulfide	909	907	2	99.8%	Non-Parametric Prediction Limits
Chloroform	909	908	1	99.9%	Non-Parametric Prediction Limits
Cis 1,2-dichloroethene	879	871	8	99.1%	Non-Parametric Prediction Limits
Xylenes	909	908	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

Total Detected Concentrations (per compound) = 958

Total Detected Concentrations (per event) = 958

Are all accounted for? Yes

Statistical Package Prepared By: IAI

Statistical Package Checked By: RLB/AWA

Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J22-1472-178

Compound: Total Barium
GAMCL (µg/l): 2000
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	30	70	180	120	40	60	40	50	180	250	20	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	20	70	120	150	30	80	50	40	20	170	20	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	70	80	150	50	70	50	40	30	130	20	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	40	120	150	40	50	90	40	40	40	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	80	160	100	380	40	40	80	50	ND	100	30	60	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20			
07/23/03	40	100	60	90	20	20	40	30	20	20	ND	20	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20			
01/06/04	ND	60	40	100	40	40	110	60	ND	70	30	ND	50	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20			
07/08/04	ND	30	20	80	20	30	50	60	ND	50	20	ND	50	ND	ND	ND	70	90	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
01/13/05	ND	40	50	50	20	30	70	50	70	30	ND	ND	40	20	ND	ND	NP	40	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
07/22/05	ND	30	ND	40	ND	ND	30	20	ND	30	ND	ND	260	ND	90	NP	60	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
01/18/06	ND	ND	ND	50	ND	30	90	20	40	30	ND	20	20	ND	20	ND	20	60	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
07/06/06	ND	ND	40	ND	20	ND	40	20	20	20	40	20	20	30	20	50	NP	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
01/04/07	ND	ND	20	60	ND	30	40	40	40	40	40	20	30	ND	ND	40	NP	70	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
07/11/07	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	20		
01/03/08	ND	ND	ND	ND	ND	40	40	ND	40	ND	40	ND	40	ND	Dry	20	NP	100	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/02/08	120	100	20	40	ND	50	40	ND	30	20	30	140	30	Dry	60	NP	130	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	52	56	26	26	35	ND	Dry	Dry	Dry	Dry	Dry	53	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/09	56	ND	ND	ND	26	ND	43	47	27	30	32	29	22	28	140	Dry	NP	83	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/06/10	25	ND	ND	22	25	ND	68	44	44	27	42	ND	22	74	83	Dry	NP	35	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/10	ND	ND	ND	ND	21	ND	53	49	20	28	33	37	21	21	210	ND	NP	59	ND	ND	ND	ND	22	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/07/11	ND	ND	ND	20.9	25.4	ND	37.3	53.2	ND	27.3	26	34.4	Dry	Dry	146	24.6	NP	49.8	20.8	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/07/11	21.8	ND	ND	21.4	ND	32.5	61.8	ND	27.2	58.9	35.6	Dry	67.5	148	23.3	NP	57.3	20.2	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
01/05/12	22.6	ND	ND	24.1	22.8	21	36.6	69.1	ND	28.3	65.9	Dry	Dry	33	104	22	NP	53.5	61.6	36.1	Dry	23.5	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/12	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	20	
01/09/13	ND	ND	ND	20.8	21.8	ND	37	71	26.3	28.7	58.5	Dry	22.3	118	31.9	25.5	NP	72.2	86.6	22.7	Dry	26.4	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/03/13	26.6	ND	ND	21.6	ND	36.5	63.9	ND	26.8	54.8	37.6	ND	45.6	ND	ND	NP	48.7	23.7	38	ND	ND	22.2	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
02/05/14	23.6	ND	ND	ND	ND	35.3	60.7	ND	25.6	64.4	37.2	20.4	24.1	26	21.4	NP	65	46.8	29.5	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/23/14	ND	ND	ND	69.6	ND	ND	31	65.7	ND	26.2	60.6	49.6	22.5	38.3	23.8	ND	NP	64	21.8	20.2	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/28/15	ND	ND	ND	20	24.9	ND	35.5	69.6	21.1	28.8	62.4	115	26.2	27.2	33.4	28.4	61.6	59.7	28.2	42.8	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/08/15	ND	ND	ND	34.9	ND	ND	28.9	67.6	ND	27.1	72.5	160	26.4	24.3	41	28	69.8	65.4	22.8	28.6	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/29/16	ND	ND	ND	20.8	ND	39.2	76.7	ND	28.1	71.2	29.3	26.9	54.7	41.4	27.1	53.9	72.1	24.1	30.3	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/27/16	ND	ND	ND	59.6	ND	ND	28.6	71.3	ND	29.1	57.4	427	29.1	86.3	55.2	22.5	48.8	76.2	28.1	30.8	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/05/17	ND	ND	ND	Dry	Dry	ND	30.3	69.4	ND	30.1	51.9	426	29.9	79.4	88.6	34.3	67.4	65.1	29.5	27.5	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/06/17	ND	ND	ND	35.2	ND	ND	33.3	70.5	ND	28.4	27.7	320	43.2	126	43.2	36.9	31.9	77.2	48	29.7	ND	22.3	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
02/05/18	23.6	ND	ND	ND	ND	35.3	60.7	ND	25.6	64.4	37.2	20.4	24.1	26	21.4	NP	65	46.8	29.5	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	41	70	ND	29	51	550	31	230	64	28	350	84	80	28	22	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
10/02/18	NT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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	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	NS	NS	20
01/17/19	ND	ND	ND	ND	22	38	75	ND	31	49	510	34	190	50	27	43	82	68	36	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	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
07/18/19	ND	ND	ND	ND	25	40	73	20	30	63	350	36	250	70	27	45	100	110	32	26	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
01/08/20	ND	ND	ND	ND	26	36	69	ND	32	47	370	43	420	70	40	25	85	130	36	28	25	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/09/20	NS	NS	NS	NS	23.1	32.7	66.3	ND	28.7	59.4	308	46.3	499	78.2	23.6	38.7	116	ND	28.2	25	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	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	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	NS	20
01/07/21	ND	ND	ND	24	21	31	41	77	ND	35	68	390	72	620	95	37	27	120	120	34	28	ND	ND	NP	NP	NP	NP									

**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-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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 46.054762 \\
 SD &= 66.231502 \\
 N &= 42 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 948506.37 \\
 \gamma_1 &= 3.3848903
 \end{aligned}$$

Since the Coefficient of Skewness of 3.38 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.2473738 \\
 SD &= 1.0066025 \\
 N &= 42 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.760502 \\
 \gamma_1 &= 0.77308
 \end{aligned}$$

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 log-transformed values shown above.

Part 2: Shewhart-CUSUM Control Chart

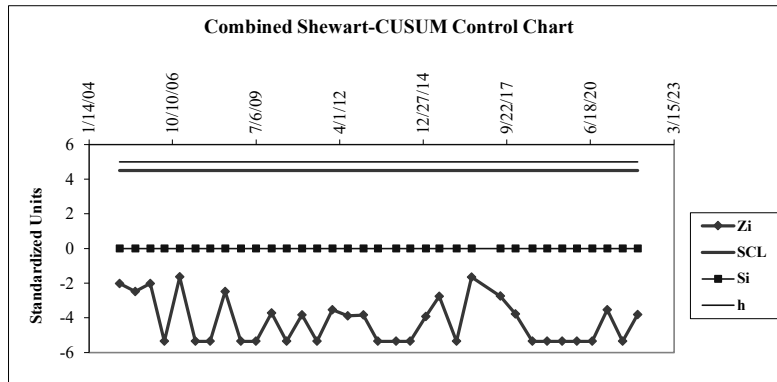
Compute the mean and standard deviation of the historical data:

- 4.8879343 = 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

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-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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
X_{\text{bar}} &= 46.5 \\
SD &= 19.2007936 \\
N &= 43 \\
1/N \sum_i (X_i - X_{\text{bar}})^3 &= 12038.4603 \\
\gamma_1 &= 1.76174137
\end{aligned}$$

Since the Coefficient of Skewness of 1.76 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.

$$\begin{aligned}
X_{\text{bar}} &= 3.77600865 \\
SD &= 0.33829796 \\
N &= 43 \\
1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.04460165 \\
\gamma_1 &= 1.19338767
\end{aligned}$$

Since the Coefficient of Skewness of 1.19 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

1) Rank the N = 43 observations from the smallest to the largest from background wells and compliance well GWC-5.

$$\begin{aligned}
 n &= 27 \\
 m &= 16 \\
 N &= 43 \\
 C_i (\text{GWC-5}) &= 457.5
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n/(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 79.5$$

3) Compute the expected value and standard deviation of W.

$$\begin{aligned}
 E(W) &= 1/2mn \\
 SD(W) &= ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}
 \end{aligned}$$

$$E(W) = 216$$

Adjustment for tie values:

$$SD(W) = 39.723$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = -3.449$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = -3.449$$

$$Z_{0.01} = 2.326$$

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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 56.255814 \\
 SD &= 16.171452 \\
 N &= 43 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -2625.7478 \\
 \gamma_1 &= 0.6431832
 \end{aligned}$$

Since the Coefficient of Skewness of 0.64 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.9781327 \\
 SD &= 0.3492769 \\
 N &= 43 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.0504447 \\
 \gamma_1 &= 1.2264085
 \end{aligned}$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

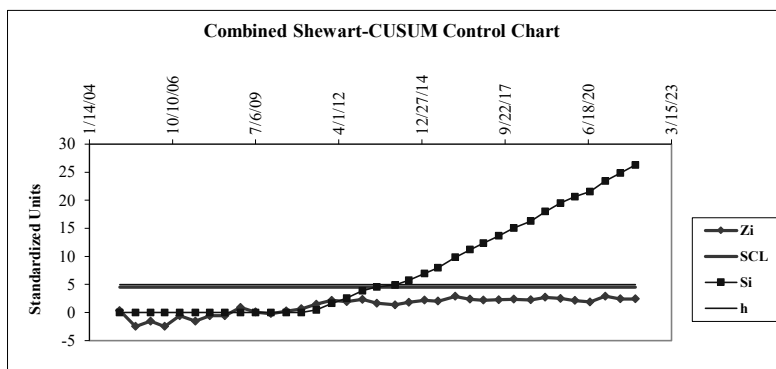
Compute the mean and standard deviation of the historical data:

- 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
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

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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
X_{\text{bar}} &= 45.1372093 \\
SD &= 42.9053777 \\
N &= 43 \\
1/N \sum_i (X_i - X_{\text{bar}})^3 &= 260829.741 \\
\gamma_1 &= 3.42098104
\end{aligned}$$

Since the Coefficient of Skewness of 3.42 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.

$$\begin{aligned}
X_{\text{bar}} &= 3.6128909 \\
SD &= 0.52287166 \\
N &= 43 \\
1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.31183556 \\
\gamma_1 &= 2.25979514
\end{aligned}$$

Since the Coefficient of Skewness of 2.26 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

1) Rank the N = 43 observations from the smallest to the largest from background wells and compliance well GWC-7.

$$\begin{aligned}
 n &= 27 \\
 m &= 16 \\
 N &= 43 \\
 C_i (\text{GWC-7}) &= 402.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n/(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 24$$

3) Compute the expected value and standard deviation of W.

$$\begin{aligned}
 E(W) &= 1/2mn \\
 SD(W) &= ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}
 \end{aligned}$$

$$E(W) = 216$$

Adjustment for tie values:

$$SD(W) = 39.711$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = -4.848$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = -4.848$$

$$Z_{0.01} = 2.326$$

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

If not detected (ND), use half of the detection limit.

$$\begin{aligned} X_{\text{bar}} &= 40.027907 \\ SD &= 20.188614 \\ N &= 43 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -285.57448 \\ \gamma_1 &= 0.0359525 \end{aligned}$$

Since the Coefficient of Skewness of 0.04 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.

$$\begin{aligned} X_{\text{bar}} &= 3.5260385 \\ SD &= 0.6259946 \\ N &= 43 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.1530813 \\ \gamma_1 &= 0.6464563 \end{aligned}$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

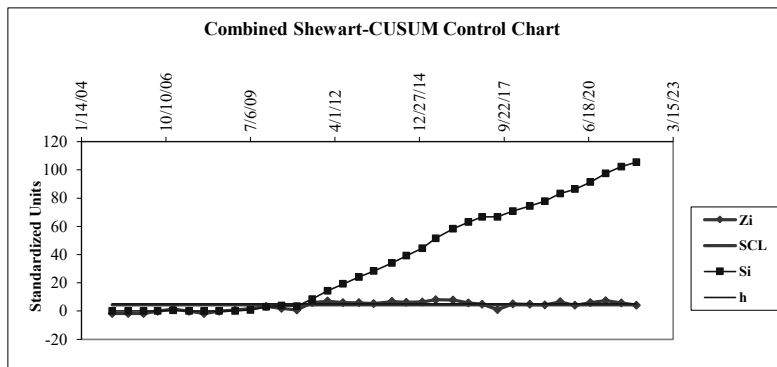
Compute the mean and standard deviation of the historical data:

- 21.25 = \bar{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
			0		
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

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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 161.154286 \\
 SD &= 175.362469 \\
 N &= 35 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 3906312.16 \\
 \gamma_1 &= 0.75655531
 \end{aligned}$$

Since the Coefficient of Skewness of 0.76 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.

$$\begin{aligned}
 X_{\text{bar}} &= 4.24347368 \\
 SD &= 1.43546535
 \end{aligned}$$

$$N = 35$$

$$1/N \sum (X_i - \bar{X}_{\text{bar}})^2 = 0.22328638$$

$$\gamma_1 = 0.07884384$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

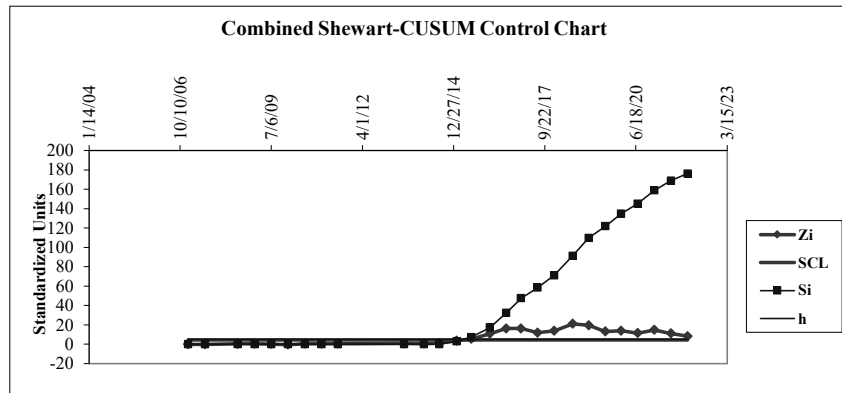
Compute the mean and standard deviation of the historical data:

- 22.5 = \bar{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
			0		
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

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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 43.4685714 \\
 SD &= 44.3945265 \\
 N &= 35 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 312518.342 \\
 \gamma_1 &= 3.73053327
 \end{aligned}$$

Since the Coefficient of Skewness of 3.73 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.53076958 \\
 SD &= 0.62538286 \\
 N &= 35 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.2283945 \\
 \gamma_1 &= 0.9752847
 \end{aligned}$$

Since the Coefficient of Skewness of 0.98 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

1) Rank the N = 35 observations from the smallest to the largest from background wells and compliance well GWC-10.

$$\begin{aligned}
 n &= 19 \\
 m &= 16 \\
 N &= 35 \\
 C_i (\text{GWC-10}) &= 325.5
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 135.5$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}$$

$$E(W) = 152$$

Adjustment for tie values:

$$SD(W) = 30.174$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = -0.563$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = -0.563$$

$$Z_{0.01} = 2.326$$

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

	GW-C-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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 130.038889 \\
 SD &= 183.077636 \\
 N &= 36 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 10295520.4 \\
 \gamma_1 &= 1.75022589
 \end{aligned}$$

Since the Coefficient of Skewness of 1.75 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.

$$\begin{aligned}
 X_{\text{bar}} &= 4.01328278 \\
 SD &= 1.31423699
 \end{aligned}$$

$$N = 36$$

$$1/N \sum (X_i - \bar{X}_{bar})^3 = 0.96993518$$

$$\gamma_1 = 0.44573151$$

Since the Coefficient of Skewness of 0.45 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

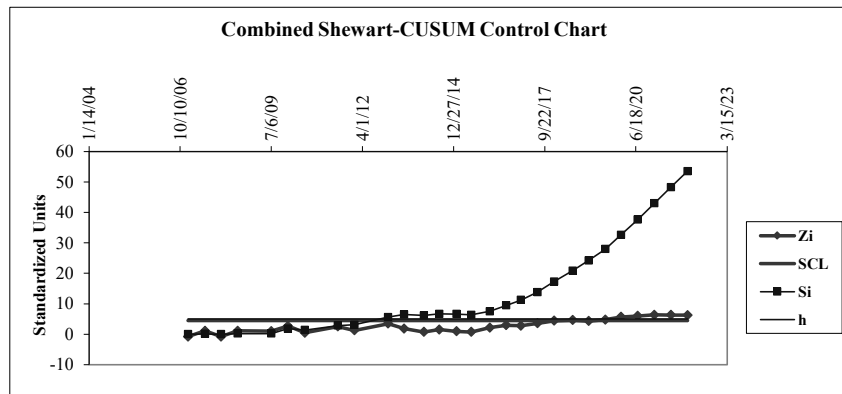
Compute the mean and standard deviation of the historical data:

- 2.76369502 = \bar{x}_{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 = 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	4.30406509	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

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 I: 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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 63.84375 \\
 SD &= 49.0905808 \\
 N &= 32 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 118174.621 \\
 \gamma_1 &= 1.04764015
 \end{aligned}$$

Since the Coefficient of Skewness of 1.05 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.81382508 \\
 SD &= 0.9175598 \\
 N &= 32
 \end{aligned}$$

$$1/N \sum_i (X_i - \bar{X})^3 = -0.3235482$$

$$\gamma_1 = 0.43925651$$

Since the Coefficient of Skewness of 0.44 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

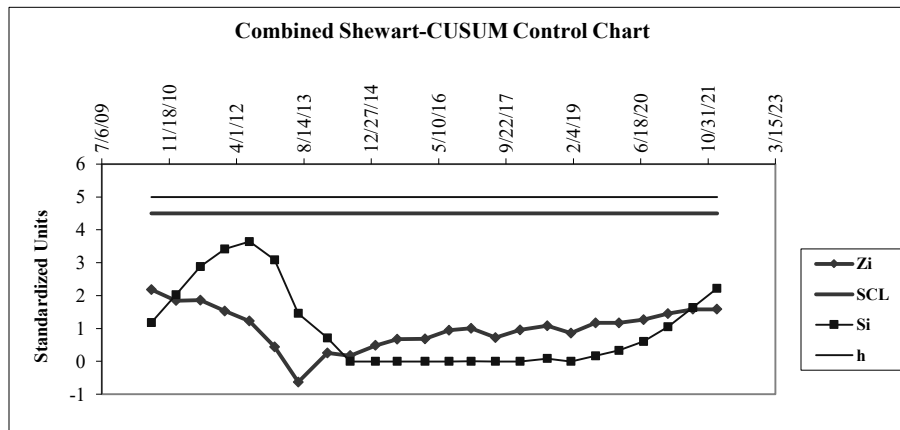
Compute the mean and standard deviation of the historical data:

- 2.9836426 = \bar{x}_{mean} (Mean of N1-N8 historical data)
- 1.08317651 = 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	5.34710753	2.18197581	1.18197581	5	4.5
1/7/11	4.98360662	1.84638793	2.02836373	5	4.5
7/7/11	4.99721227	1.85894881	2.88731254	5	4.5
1/5/12	4.6443909	1.53322039	3.42053293	5	4.5
7/6/12	4.30945594	1.22400489	3.64453782	5	4.5
1/9/13	3.46260601	0.44218409	3.08672191	5	4.5
7/3/13	2.30258509	-0.62875949	1.45796242	5	4.5
2/5/14	3.25809654	0.25337878	0.7113412	5	4.5
7/23/14	3.16968558	0.17175685	0	5	4.5
1/28/15	3.5085559	0.48460551	0	5	4.5
7/8/15	3.71357207	0.6738786	0	5	4.5
1/29/16	3.72328088	0.68284188	0	5	4.5
7/27/16	4.01096295	0.94843301	0	5	4.5
1/5/17	4.0707347	1.00361492	0.00361492	5	4.5
7/6/17	3.7658405	0.72213337	0	5	4.5
1/4/18	4.02356438	0.96006678	0	5	4.5
7/25/18	4.15888308	1.08499444	0.08499444	5	4.5
1/17/19	3.91202301	0.85709061	0	5	4.5
7/18/19	4.24849524	1.16772533	0.16772533	5	4.5
1/8/20	4.24849524	1.16772533	0.33545066	5	4.5
7/9/20	4.35926965	1.26999343	0.6054441	5	4.5
1/7/21	4.55387689	1.4496569	1.05510099	5	4.5
7/9/21	4.70048037	1.58500277	1.64010377	5	4.5
1/5/22	4.70048037	1.58500277	2.22510654	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-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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 32.215152 \\
 SD &= 17.541792 \\
 N &= 33 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 7094.573 \\
 \gamma_1 &= 1.3764181
 \end{aligned}$$

Since the Coefficient of Skewness of 1.38 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.3377076 \\
 SD &= 0.5367009 \\
 N &= 33
 \end{aligned}$$

$$1/N \sum_i (X_i - X_{\text{bar}})^3 = -0.0320909$$

$$\gamma_1 = 0.2173856$$

Since the Coefficient of Skewness of 0.22 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

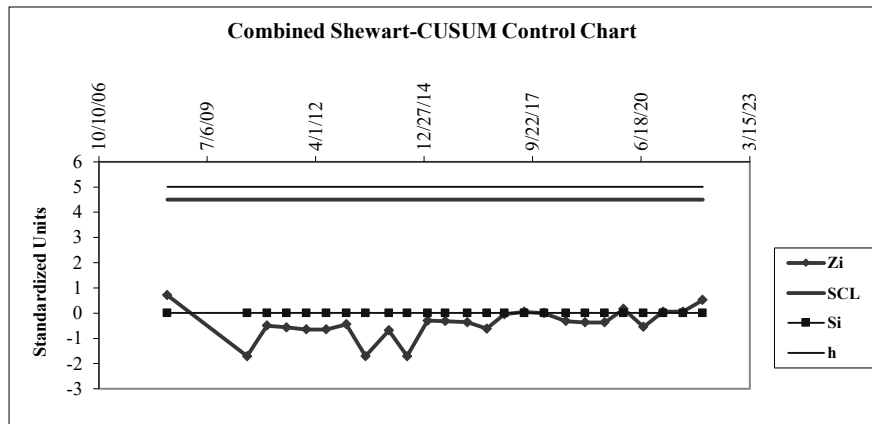
Compute the mean and standard deviation of the historical data:

- 3.56941 = x_{mean} (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

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

If not detected (ND), use half of the detection limit.

$$\begin{aligned} X_{\text{bar}} &= 62.613333 \\ SD &= 81.287267 \\ N &= 15 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 1557638.3 \\ \gamma_1 &= 3.2162061 \end{aligned}$$

Since the Coefficient of Skewness of 3.22 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.

$$\begin{aligned} X_{\text{bar}} &= 3.782353 \\ SD &= 0.7632277 \\ N &= 15 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.3552292 \\ \gamma_1 &= 0.8861172 \end{aligned}$$

Since the Coefficient of Skewness of 0.89 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

1) Rank the N = 15 observations from the smallest to the largest from background wells and compliance well GWC-14.

$$\begin{aligned}
 n &= 7 \\
 m &= 8 \\
 N &= 15 \\
 C_i (\text{GWC-14}) &= 32.0
 \end{aligned}$$

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.

$$\begin{aligned}
 E(W) &= 1/2mn \\
 SD(W) &= ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}
 \end{aligned}$$

$$E(W) = 28$$

Adjustment for tie values:

$$SD(W) = 8.641$$

Barium (IntraWil C-14R)

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = -2.835$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = -2.835$$

$$Z_{0.01} = 2.326$$

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

	GW C-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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 76.433333 \\
 SD &= 25.817049 \\
 N &= 36 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 12074.361 \\
 \gamma_1 &= 0.7319747
 \end{aligned}$$

Since the Coefficient of Skewness of 0.73 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.

$$\begin{aligned}
 X_{\text{bar}} &= 4.283152 \\
 SD &= 0.3301123 \\
 N &= 36 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.0033254 \\
 \gamma_1 &= 0.0964293
 \end{aligned}$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

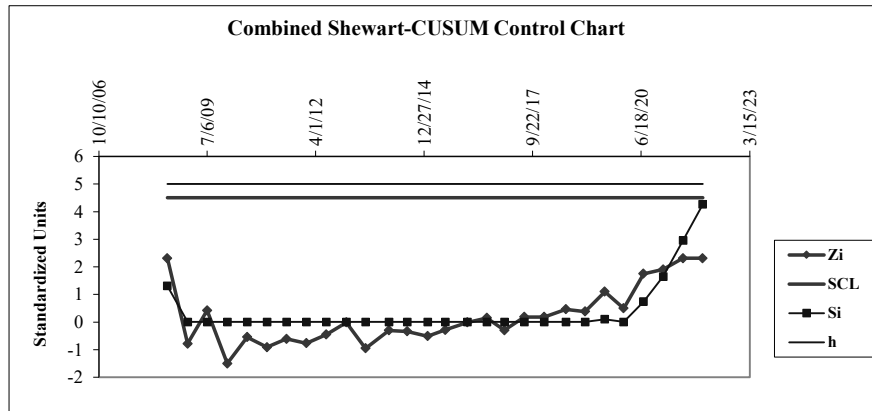
Compute the mean and standard deviation of the historical data:

- 72.5 = 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

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-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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 56.2875 \\
 SD &= 42.2982096 \\
 N &= 24 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 54740.065 \\
 \gamma_1 &= 0.77101791
 \end{aligned}$$

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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.73964126 \\
 \text{SD} &= 0.80335579 \\
 N &= 24 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.014055 \\
 \gamma_i &= 0.02889568
 \end{aligned}$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

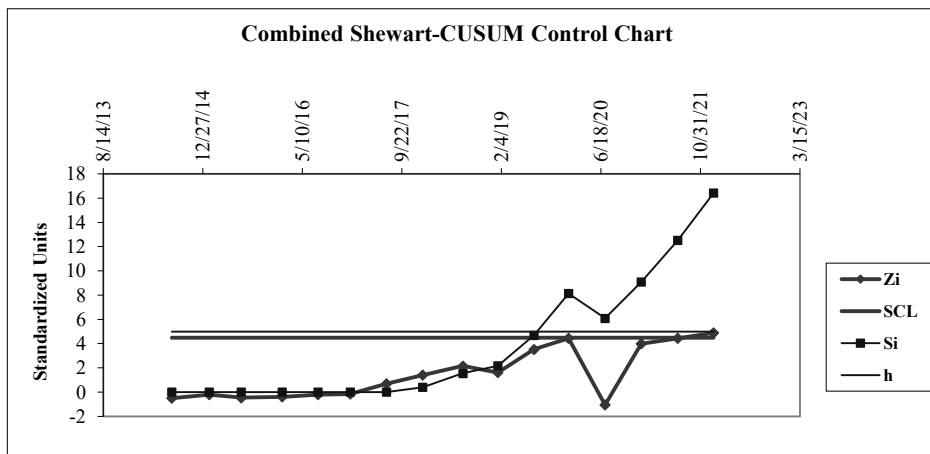
Compute the mean and standard deviation of the historical data:

$$\begin{aligned}
 32.8333333 &= x_{\text{mean}} \text{ (Mean of N1-N8 historical data)} \\
 21.8629755 &= s \text{ (Standard Deviation of N1-N8 historical data)} \\
 1 &= k \text{ (constant, reference value)} \\
 5 &= h \text{ (constant, upper control limit for the CUSUM scheme)} \\
 4.5 &= \text{SCL (Constant, upper Shewhart Control Limit)}
 \end{aligned}$$

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
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

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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 28.2208333 \\
 SD &= 10.0081262 \\
 N &= 24 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -562.24112 \\
 \gamma_1 &= 0.59784609
 \end{aligned}$$

Since the Coefficient of Skewness of 0.60 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.25382722 \\
 \text{SD} &= 0.46842313 \\
 N &= 24 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.1218273 \\
 \gamma_1 &= 1.26344023
 \end{aligned}$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

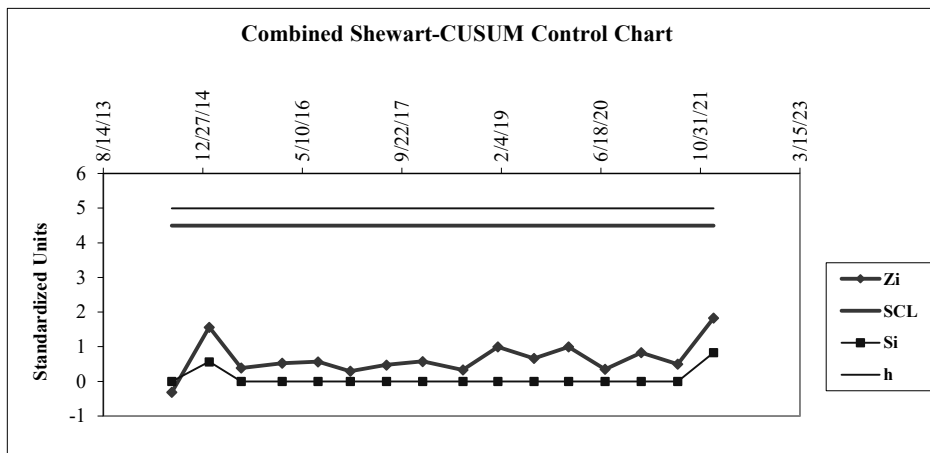
Compute the mean and standard deviation of the historical data:

$$\begin{aligned}
 24.0166667 &= x_{\text{mean}} \text{ (Mean of N1-N8 historical data)} \\
 12.0116484 &= s \text{ (Standard Deviation of N1-N8 historical data)} \\
 1 &= k \text{ (constant, reference value)} \\
 5 &= h \text{ (constant, upper control limit for the CUSUM scheme)} \\
 4.5 &= \text{SCL (Constant, upper Shewhart Control Limit)}
 \end{aligned}$$

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	20.2	-0.31774712	0	5	4.5
1/28/15	42.8	1.56375984	0.56375984	5	4.5
7/8/15	28.6	0.38157405	0	5	4.5
1/29/16	30.3	0.52310334	0	5	4.5
7/27/16	30.8	0.5647296	0	5	4.5
1/5/17	27.5	0.28999628	0	5	4.5
7/6/17	29.7	0.47315182	0	5	4.5
1/4/18	30.9	0.57305485	0	5	4.5
7/25/18	28	0.33162254	0	5	4.5
1/17/19	36	0.9976427	0	5	4.5
7/18/19	32	0.66463262	0	5	4.5
1/8/20	36	0.9976427	0	5	4.5
7/9/20	28.2	0.34827304	0	5	4.5
1/7/21	34	0.83113766	0	5	4.5
7/9/21	30	0.49812758	0	5	4.5
1/5/22	46	1.8301679	0.8301679	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 322-1472-178

Compound: Total Chromium
 GA MCL (µg/l): 100
 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-10/10E	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	10	ND	20	ND	ND	ND	60	70	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	10	
04/15/02	ND	ND	30	10	ND	20	ND	ND	ND	60	70	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	10	
05/28/02	ND	ND	30	10	ND	20	ND	ND	ND	60	70	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	10	
07/08/02	ND	ND	30	20	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	10	
02/28/03	10	30	20	50	ND	20	ND	ND	ND	20	ND	10	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	10	
07/23/03	ND	10	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	10	
01/06/04	ND	20	ND	ND	ND	20	10	ND	ND	10	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	10	
07/08/04	ND	10	ND	ND	20	10	10	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	10	
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	10	
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	10
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	NP	10
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	NP	10
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	NP	10
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	NP	10
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	NP	10
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	NP	10
01/05/09	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	NP	NP	10
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	NP	10
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	NP	10
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	NP	10
01/07/11	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	10
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	NP	10
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	NP	10
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	NP	10
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	10.7	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	10
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	NP	10
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	NP	10
07/23/14	ND	ND	10.9	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	10
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	NP	10
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	NP	10
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	NP	10
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	NP	10
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	NP	10
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	NP	10
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	NP	10
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	NP	10
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	10
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	10
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	10
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	NP	10
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	10
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	NP	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10

- 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 $n_r = 43$.
- 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) $n_f = 2$.

$n = 86$
 $PL = 30$
 $m = 3$
 false positive rate $(\alpha) = 0.03$

C =	5	GWC-1	5	GWC-2	5	GWC-3	5	GWC-4	5	GWC-
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**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-9 (BG)	GWC-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

1) Rank the $N = 39$ observations from the smallest to the largest from background wells and compliance well GWC-9.

$$\begin{aligned} n &= 23 \\ m &= 16 \\ N &= 39 \\ C_i (\text{GWC-9}) &= 484.0 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n/(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 208$$

3) Compute the expected value and standard deviation of W .

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}$$

$$E(W) = 184$$

Adjustment for tie values:

$$SD(W) = 16.185$$

4) Form the appropriate Z -score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = 1.452$$

5) Compare the observed Z -score to the upper 0.01 percentile of the normal distribution.

$$Z = 1.452$$

$$Z_{0.01} = 2.326$$

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)

	GWC-9 (BG)	GWC-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

1) Rank the $N = 35$ observations from the smallest to the largest from background wells and compliance well GWC-9.

$$\begin{aligned} n &= 19 \\ m &= 16 \\ N &= 35 \\ C_i (\text{GWC-9}) &= 478.0 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n/(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 288$$

3) Compute the expected value and standard deviation of W .

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}$$

$$E(W) = 152$$

Adjustment for tie values:

$$SD(W) = 28.075$$

4) Form the appropriate Z -score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = 4.826$$

5) Compare the observed Z -score to the upper 0.01 percentile of the normal distribution.

$$Z = 4.826$$

$$Z_{0.01} = 2.326$$

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)

- 1) Rank the $N = 36$ observations from the smallest to the largest from background wells and compliance well CWC-11.

$$\begin{aligned} n &= 20 \\ m &= 16 \\ N &= 36 \\ C_i \text{ (CWC-11)} &= 426.0 \end{aligned}$$

- 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 .

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}$$

$$E(W) = 160$$

Adjustment for tie values:

$$SD(W) = 21.705$$

- 4) Form the appropriate Z -score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = 2.557$$

- 5) Compare the observed Z -score to the upper 0.01 percentile of the normal distribution.

$$Z = 2.557$$

$$Z_{0.01} = 2.326$$

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

1) Rank the N = 32 observations from the smallest to the largest from background wells and compliance well CWC-12R.

$$\begin{aligned}
 n &= 18 \\
 m &= 14 \\
 N &= 32 \\
 C_i \text{ (CWC-12R)} &= 381.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 210$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 126$$

Adjustment for tie values:

$$SD(W) = 22.893$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = 3.647$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = 3.647$$

$$Z_{0.01} = 2.326$$

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 322-1472-178

Compound: Total Copper
 GA MCL (µg/l): 1300
 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-10/10E	GWC-11	GWC-12/E	GWC-13/HR	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	20
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	20
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	20
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	20
08/28/03	20	30	20	ND	ND	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	20
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	20
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	20
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	20
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	20
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	20
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	20
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	20
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	20
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	20
01/03/08	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	20
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	20
01/05/09	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	20
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	20
01/06/10	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
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	20
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/05/12	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	20
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	20
01/09/13	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	20
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	20
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	20
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	20
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	20
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	20
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	20
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	20
01/05/17	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	20
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	20
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	20
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	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	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	NS	20
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	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	NS	20
07/19/19	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	20
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	20
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	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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 $n' = 43$.
- 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) $n'' = 2$.

$n = 86$
 $PL = 30$
 $m = 3$
 false positive rate (α) = 0.03

	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	G
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Eagle Point MSW Landfill
 Forsyth County, Georgia
 B.L.E. Project Number 322-1472-178

Compound: Total Nickel
 GA MCL (µg/l): 100
 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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	20
01/03/08	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	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	20
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	NP	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	Dry	Dry	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	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	20
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	NP	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	Dry	Dry	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	Dry	ND	NP	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	Dry	ND	NP	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	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	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	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	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	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	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	20
07/27/16	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	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	20
01/04/18	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	30	ND	ND	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	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	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	20
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	ND	ND	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	20
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21	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	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	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	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	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	20
01/07/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	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	26	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	24	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 $n' = 43$.
- 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) $n'' = 2$.

$n = 86$
 $PL = 20$
 $m = 3$
 false positive rate (α) = 0.03

C	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	
SSI =	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

- 4) Compare the Prediction Limit (PL) to each Concentrations Detected (C) in each well during the most recent sampling event. Since the Prediction Limit was exceeded in one or more of the wells, the concentrations in the subject wells are statistically significant at the false positive rate of 0.03. Intra-well testing should be performed.

**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

1) Rank the N = 32 observations from the smallest to the largest from background wells and compliance well CWC-12R. Nickel (IntraWil C-12R)

$$\begin{aligned}
 n &= 18 \\
 m &= 14 \\
 N &= 32 \\
 C_i \text{ (CWC-12R)} &= 325.0
 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 154$$

3) Compute the expected value and standard deviation of W.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 126$$

Adjustment for tie values:

$$SD(W) = 15.129$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = 1.818$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = 1.818$$

$$Z_{0.01} = 2.326$$

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)

- 1) Rank the $N = 36$ observations from the smallest to the largest from background wells and compliance well CWC-11.

$$\begin{aligned} n &= 20 \\ m &= 16 \\ N &= 36 \\ C_i \text{ (CWC-11)} &= 442.0 \end{aligned}$$

- 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 .

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}$$

$$E(W) = 160$$

Adjustment for tie values:

$$SD(W) = 23.875$$

- 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 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

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	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	20			
01/06/04	ND	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	20		
07/08/04	ND	ND	ND	20	ND	20	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	20		
01/13/05	ND	ND	50	ND	ND	ND	ND	ND	30	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	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	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	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	NP	20	
07/11/07	ND	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	
01/03/08	ND	ND	ND	ND	ND	ND	320	ND	ND	ND	20	Dry	ND	ND	Dry	ND	NP	30	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/02/08	ND	ND	ND	30	ND	ND	20	ND	ND	ND	20	ND	ND	Dry	ND	NP	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	NP	ND	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	35	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	ND	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	ND	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	ND	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	ND	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	ND	Dry	ND	ND	Dry	ND	NP	ND	24.4	ND	Dry	ND	ND	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	ND	8.1	ND	NP	ND	42.2	ND	Dry	ND	ND	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	36.1	ND	ND	NP	ND	ND	ND	ND	25.4	ND	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	23.1	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	20
07/23/14	ND	ND	31	ND	ND	ND	ND	ND	ND	27.4	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	20
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	62	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	20
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	91.1	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	20
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	121	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	20
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	173	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	20
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	186	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	20
07/06/17	ND	ND	ND	ND	20.2	ND	ND	ND	ND	20.8	130	ND	29	ND	NP	ND	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	ND	ND	ND	ND	15	ND	ND	41.4	ND	NP	ND	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	116	ND	46	ND	ND	NP	ND	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	ND	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	ND	ND	23	ND	ND	ND	ND	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	130	ND	82	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20
07/09/20	ND	ND	ND	22.4	ND	ND	ND	ND	ND	106	ND	86.6	ND	ND	NP	ND	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	ND	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	ND	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	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20

sum of rank values (R_i) 19398.5 18044.5 19621.5 20023.0 18992.0 21871.5 21741.0 18809.5 19

**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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 \bar{X}_{\text{bar}} &= 72.34 \\
 SD &= 64.650423 \\
 N &= 35 \\
 1/N \sum_i (X_i - \bar{X}_{\text{bar}})^3 &= 186771.34 \\
 \gamma_1 &= 0.7219046
 \end{aligned}$$

Since the Coefficient of Skewness of 0.72 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.

$$\begin{aligned}
 \bar{X}_{\text{bar}} &= 3.7720492 \\
 SD &= 1.1078604 \\
 N &= 35
 \end{aligned}$$

$$1/\sum_i (X_i - \bar{X}_{bar})^3 = -0.1432448$$

$$\gamma_i = 0.1100291$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

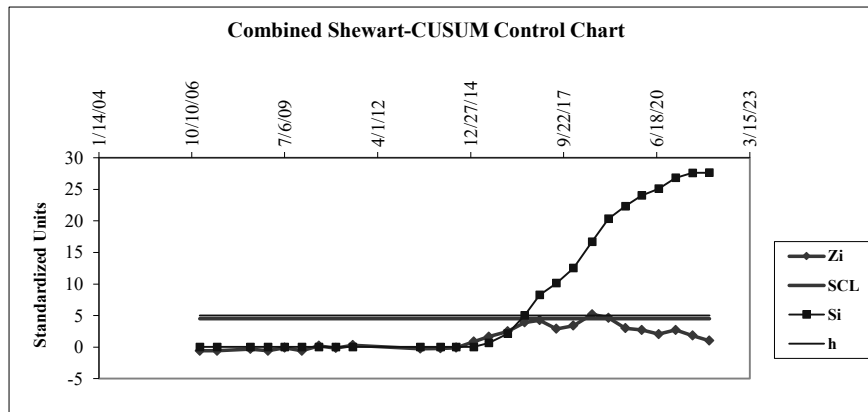
Compute the mean and standard deviation of the historical data:

- 31.25 = x_{mean} (Mean of N1-N8 historical data)
- 36.42507 = 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	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

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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 39.0777778 \\
 SD &= 39.1608267 \\
 N &= 36 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 95984.8212 \\
 \gamma_1 &= 1.66724218
 \end{aligned}$$

Since the Coefficient of Skewness of 1.67 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.21890585 \\
 SD &= 0.95529557 \\
 N &= 36 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.29549097
 \end{aligned}$$

$$\gamma_1 = 0.35357586$$

Since the Coefficient of Skewness of 0.35 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

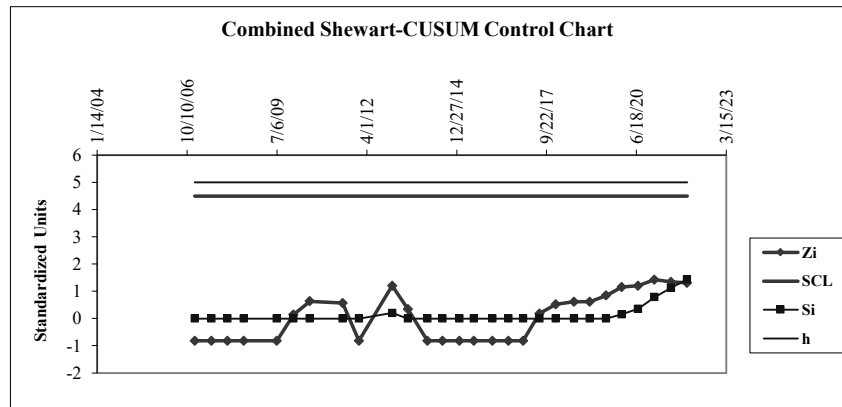
Compute the mean and standard deviation of the historical data:

- 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
1/7/19	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

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

If not detected (ND), use half of the detection limit.

$$\begin{aligned}
 X_{\text{bar}} &= 28.3 \\
 SD &= 17.638594 \\
 N &= 10 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 2669.5908 \\
 \gamma_1 &= 0.56975617
 \end{aligned}$$

Since the Coefficient of Skewness of 0.57 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.1514622 \\
 SD &= 0.67310663 \\
 N &= 10 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.0293622 \\
 \gamma_1 &= 0.11276464
 \end{aligned}$$

Use the real values (not log-transformed) indicated in the previous section.

Part 2: Shewhart-CUSUM Control Chart

Date	GWC-29	MDL	Data for Testing
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10/8/18	ND	20	10
11/20/18	55	20	55
1/17/19	ND	20	10
2/20/19	57.3	20	57.3
7/18/19	23	20	23
1/8/20	ND	20	10
7/9/20	23.7	20	23.7
8/10/20	NS	20	-
9/16/20	NS	20	-
10/19/20	NS	20	-
1/7/21	23	20	23
7/9/21	41	20	41
1/5/22	30	20	30

Compute the mean and standard deviation of the historical data:

$$26.5 = x_{\text{mean}} \text{ (Mean of N1-N8 historical data)}$$

$$19.3094351 = s \text{ (Standard Deviation of N1-N8 historical data)}$$

$$1 = k \text{ (constant, reference value)}$$

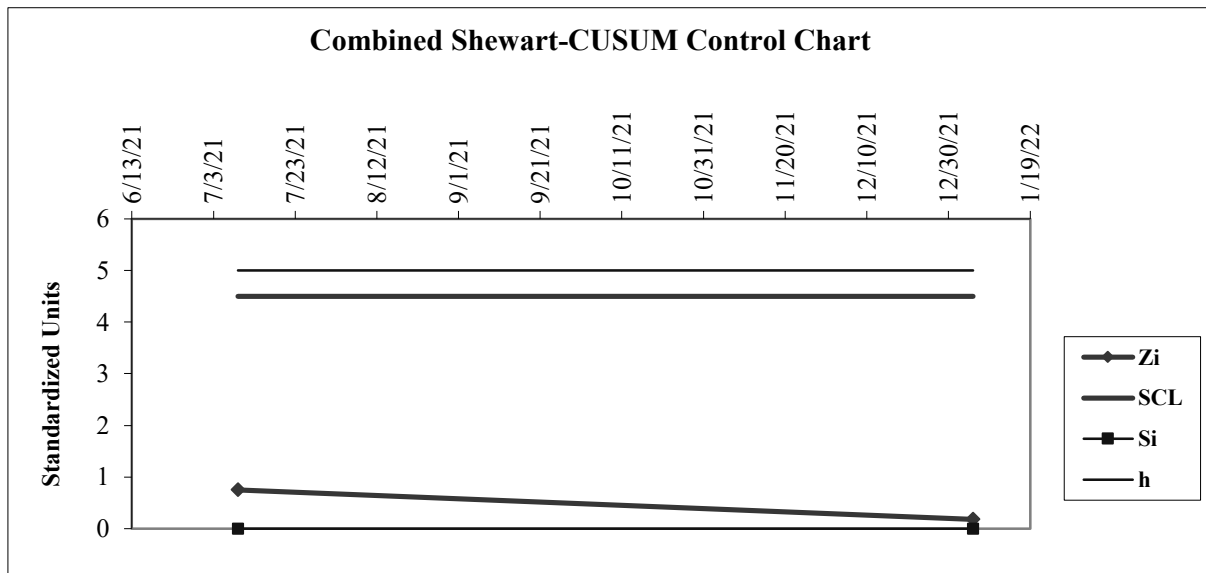
$$5 = h \text{ (constant, upper control limit for the CUSUM scheme)}$$

$$4.5 = \text{SCL (Constant, upper Shewhart Control Limit)}$$

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	41	0.75092823	0	5	4.5
1/5/22	30	0.18125854	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: 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)

- 1) Rank the $N = 37$ observations from the smallest to the largest from background wells and compliance well CWC-11.

$$\begin{aligned} n &= 21 \\ m &= 16 \\ N &= 37 \\ C_i \text{ (CWC-11)} &= 431.0 \end{aligned}$$

- 2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n/(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 200$$

- 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:

$$SD(W) = 17.579$$

- 4) Form the appropriate Z -score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = 1.792$$

- 5) Compare the observed Z -score to the upper 0.01 percentile of the normal distribution.

$$Z = 1.792$$

$$Z_{0.01} = 2.326$$

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

1) Rank the N = 32 observations from the smallest to the largest from background wells and compliance well CWC-12R.

$$\begin{aligned}
 n &= 16 \\
 m &= 16 \\
 N &= 32 \\
 C_i \text{ (CWC-12R)} &= 352.0
 \end{aligned}$$

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.

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 128$$

Adjustment for tie values:

$$SD(W) = 22.461$$

4) Form the appropriate Z-score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = 3.896$$

5) Compare the observed Z-score to the upper 0.01 percentile of the normal distribution.

$$Z = 3.896$$

$$Z_{0.01} = 2.326$$

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

- 1) Rank the $N = 64$ observations from the smallest to the largest from background wells and compliance well GWC-12/12R.

$$n = 32$$

$$m = 32$$

$$N = 64$$

$$C_i (\text{GWC-12/12R}) = 528.0$$

- 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 .

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i) / (N^3 - N)))^{0.5}$$

$$E(W) = 512$$

Adjustment for tie values:

$$SD(W) = 68.246$$

- 4) Form the appropriate Z -score.

$$Z = (W - E(W) - 0.5) / SD(W)$$

$$Z = -7.510$$

- 5) Compare the observed Z -score to the upper 0.01 percentile of the normal distribution.

$$Z = -7.510$$

$$Z_{0.01} = 2.326$$

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: Carbon Disulfide
 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-10/10E	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	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	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	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	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	5		
07/23/03	9	ND	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	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	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	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	ND	5
01/03/08	ND	ND	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	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	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	ND	5
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	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	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	ND	5
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	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	ND	5
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	ND	5
07/06/12	ND	ND	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	5
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 $n = 43$.
- 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) $nr = 2$.

$n = 86$
 $PL = 9$
 $m = 3$
 false positive rate $($

Eagle Point MSW Landfill
 Forsyth County, Georgia
 BLE 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	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	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	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	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	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	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	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	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	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	ND	Dry	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	Dry	ND	Dry	ND	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	ND	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	Dry	ND	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	ND	Dry	ND	Dry	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	ND	ND	Dry	ND	Dry	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	ND	Dry	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	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	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	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	

- 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 $n_r = 43$.
- Set the Prediction Limit equal to the maximum concentration from the background well(s) $PL = 2.5$.
- Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) $n_f = 2$.

$n = 86$
 $PL = 2.5$
 $m = 3$
 false positive rate (α) = 0.03

C =	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
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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-9 (BG)	CWC-9	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	Dry		2
07/02/08	ND		2
01/05/09	ND		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		Dry	2
07/06/12		Dry	2
01/09/13		Dry	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		ND	2
07/09/20		ND	2
08/10/20		NS	2
09/16/20		NS	2
10/19/20		NS	2
01/07/21		ND	2
07/09/21		ND	2

1) Rank the $N = 35$ observations from the smallest to the largest from background wells and compliance well CWC-9.

$$\begin{aligned} n &= 18 \\ m &= 17 \\ N &= 35 \\ C_i \text{ (CWC-9)} &= 332.5 \end{aligned}$$

2) Compute the Wilcoxon statistic by adding up the compliance well ranks and subtracting $n/(n+1)/2$.

$$W = C_i - 1/2(n(n+1))$$

$$W = 161.5$$

3) Compute the expected value and standard deviation of W .

$$E(W) = 1/2mn$$

$$SD(W) = ((mn(N+1)/12) * (1 - \sum_{i=1}^g (t_i^3 - t_i)/(N^3 - N)))^{0.5}$$

$$E(W) = 153$$

Adjustment for tie values:

$$SD(W) = 8.746$$

4) Form the appropriate Z -score.

$$Z = (W - E(W) - 0.5)/SD(W)$$

$$Z = 0.915$$

5) Compare the observed Z -score to the upper 0.01 percentile of the normal distribution.

$$Z = 0.915$$

$$Z_{0.01} = 2.326$$

Since Z is smaller, there is not significant evidence of contamination at the compliance well at the 1 percent significance level.