

# SEMI-ANNUAL WATER QUALITY REPORT

## SECOND EVENT OF 2021 (N42)

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 J21-1472-177

November 29, 2021



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November 29, 2021

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

Attention: Mr. Scott Mann

Subject: **Semi-Annual Water Quality Report  
Second Event of 2021 (N42)  
Eagle Point MSW Landfill  
Forsyth County, Georgia  
Solid Waste Permit Number 058-012D (MSWL)  
BLE Project Number J21-1472-177**

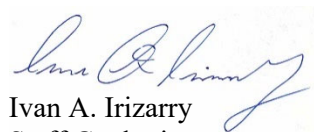
Mr. Mann:

As authorized, Bunnell-Lammons Engineering, Inc. (BLE) has performed the statistical analysis of groundwater quality data obtained during sampling event N42 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.

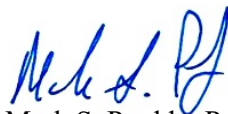
We appreciate the opportunity to serve as your geological consultant on this project and look forward to working with you on future projects. If you have any questions, please contact us at (864) 288-1265.

Sincerely,

**BUNNELL LAMMONS ENGINEERING INC.**



Ivan A. Irizarry  
Staff Geologist



Mark S. Preddy, P.G.  
Consultant Geologist  
Registered, Georgia #1364

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## 1.0 BACKGROUND INFORMATION

The Eagle Point MSW Landfill is located in Forsyth County, Georgia (**Figure 1**). There are 34 groundwater monitoring wells at the site consisting of 2 background wells and 32 downgradient wells. Additionally, there are 4 underdrain sampling locations and 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 second semi-annual sampling event in 2021. Additionally, this is the:

- N9 sampling event for wells GWC-24, GWC-25, and GWC-26 (installed in May 2018 for Cell No. 15).
- N9 sampling event for wells GWC-27, GWC-28, and GWC-29 (installed in September 2018 for the Leachate Pond).
- N6 sampling event for wells GWC-22 and GWC-23 (installed in July 2020 for Cell No. 16B).

A total of 42 semi-annual sampling events have been performed between March 2002 and July 2021.



## 2.0 FIELD ACTIVITIES, SAMPLING, AND ANALYSIS

Semi-annual groundwater, underdrain, and surface water sampling for event N42 was performed on July 6 - 9, 2021. Groundwater well GWC-20 was re-sampled on July 14, 2021 as the sample was lost during transit. Additionally, well GWC-12R was resampled on October 1, 2021 to confirm Alpha BHC detections. The resampling results did not detect Alpha BHC concentrations. The 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. Additionally, wells GWA-1, GWA-2, and GWC-12R were sampled for *Appendix II* list parameters. 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 July 6, 2021 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 (16 wells), total cobalt (7 wells), total nickel (1 well), total selenium (1 well), total zinc (4 wells), and benzene (2 wells) were detected in the groundwater samples during event N42. None

of the detected concentrations were above Georgia’s primary groundwater maximum contaminant levels (MCL) <sup>1</sup>. 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 N42 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, dissolved barium, total barium, and total zinc were detected in the surface water locations sampled during event N42. Only the field parameter of pH in SWC-1 and SWC-12 were detected below an established surface water maximum/minimum in-stream water quality standard (ISWQS) <sup>2</sup>. 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

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

<sup>2</sup> 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).

5. Intrawell comparisons were performed, as needed, using Shewhart-CUSUM control charts or Kendall-Mann Trend tests for those wells that failed the initial parametric ANOVA, Kruskal-Wallis, or Prediction Limits tests.

Due to the complexities of the groundwater medium and the nature of statistical testing, there are numerous reasons why a test may exhibit a statistically significant result; however, these may or may not be indications of an actual release from the regulated unit. An SSI is the result of the application of mathematical equations to evaluate 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, and cis 1,2-dichloroethene.
- 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.

## 7.0 CONCLUSIONS

During the July 2021 semi-annual sampling event (N42), laboratory concentrations of various inorganic constituents and field parameters were detected in the groundwater, underdrain, and surface water samples. One VOC (benzene) was detected in wells GWC-11 and GWC-12R; however, the concentrations were not above the Georgia MCL. The only constituent detected exceeding a Georgia MCL or ISWQS was total pH at surface water locations SWC-1 and SWC-12, and 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 report<sup>3</sup>, 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 occurring metals in background native soil samples, (i.e., a natural alternative source as related to detections in groundwater).

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

The only VOC SSI was benzene in well GWC-12R, which was detected during the current sampling event below the Georgia MCL of 5.0 µg/l. Additionally, this concentration of benzene is “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 the current sampling event; however, no other non-*Appendix I* constituents were detected. Due to a detection of the pesticide Alpha BHC, GWC-12 was resampled to confirm the concentration. However, Alpha BHC was not detected during the resampling event. *Appendix II* sampling is performed on an annual basis.

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 report<sup>4</sup> 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, Mark S. Preddy, 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 pH in surface water location SWC-1, and SWC-12 and 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.

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<sup>4</sup> *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 J21-1472-177**

<b>July 6, 2021</b>	<b>Hydraulic Conductivity</b>			<b>Hydraulic Grad. (ft/ft)</b>	<b>Effective Porosity</b>	<b>Flow Vel. (ft/day)</b>	<b>Flow Vel. (ft/year)</b>
	<b>K(ft/min)</b>	<b>K(cm/sec)</b>	<b>K(ft/day)</b>				
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
<b>Geometric Mean Flow Velocity</b>	<b>6.4E-04</b>	<b>3.3E-04</b>	<b>0.92</b>	<b>0.063</b>	<b>28%</b>	<b>2.1E-01</b>	<b>75.2</b>

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 J21-1472-177**

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" <sup>(7)</sup> Offending Compliance Wells	ASD Completed	Is current SSI concentration statistically above GWPS?	Monitoring Status
Total Arsenic	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
<b>Total Barium</b>	<b>39%</b>	<b>Kruskal-Wallis</b>	<b>Fail</b>	<b>Shewhart-CUSUM, Wilcoxon, or Kendell-Mann</b>	<b>Fail</b>	<b>Yes (GWC-6, GWC-8, GWC-9, GWC-11, and GWC-16)</b>	-	<b>Yes<sup>6</sup></b>	<b>NA<sup>6</sup></b>	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
<b>Total Cobalt</b>	<b>95%</b>	<b>Non-Parametric Prediction Limits</b>	<b>Fail</b>	<b>Wilcoxon or Kendell-Mann</b>	<b>Fail</b>	<b>Yes (GWC-9, GWC-11, and GWC-12R)</b>	-	<b>Yes<sup>6</sup></b>	<b>NA<sup>6</sup></b>	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
<b>Total Selenium</b>	<b>98%</b>	<b>Non-Parametric Prediction Limits</b>	<b>Fail</b>	<b>Wilcoxon or Kendell-Mann</b>	<b>Fail</b>	<b>Yes (GWC-11)</b>	-	<b>Yes<sup>6</sup></b>	<b>NA<sup>6</sup></b>	Detection
Total Vanadium	95%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
<b>Total Zinc</b>	<b>80%</b>	<b>Kruskal-Wallis</b>	<b>Fail</b>	<b>Shewhart-CUSUM, Wilcoxon, or Kendell-Mann</b>	<b>Fail</b>	<b>Yes (GWC-9)</b>	-	<b>Yes<sup>6</sup></b>	<b>NA<sup>6</sup></b>	Detection
<b>Benzene</b>	<b>99%</b>	<b>Non-Parametric Prediction Limits</b>	<b>Fail</b>	<b>Wilcoxon or Kendell-Mann</b>	<b>Fail</b>	<b>Yes (GWC-12R)</b>	-	<b>No</b>	<b>No</b>	<b>Assessment</b>
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

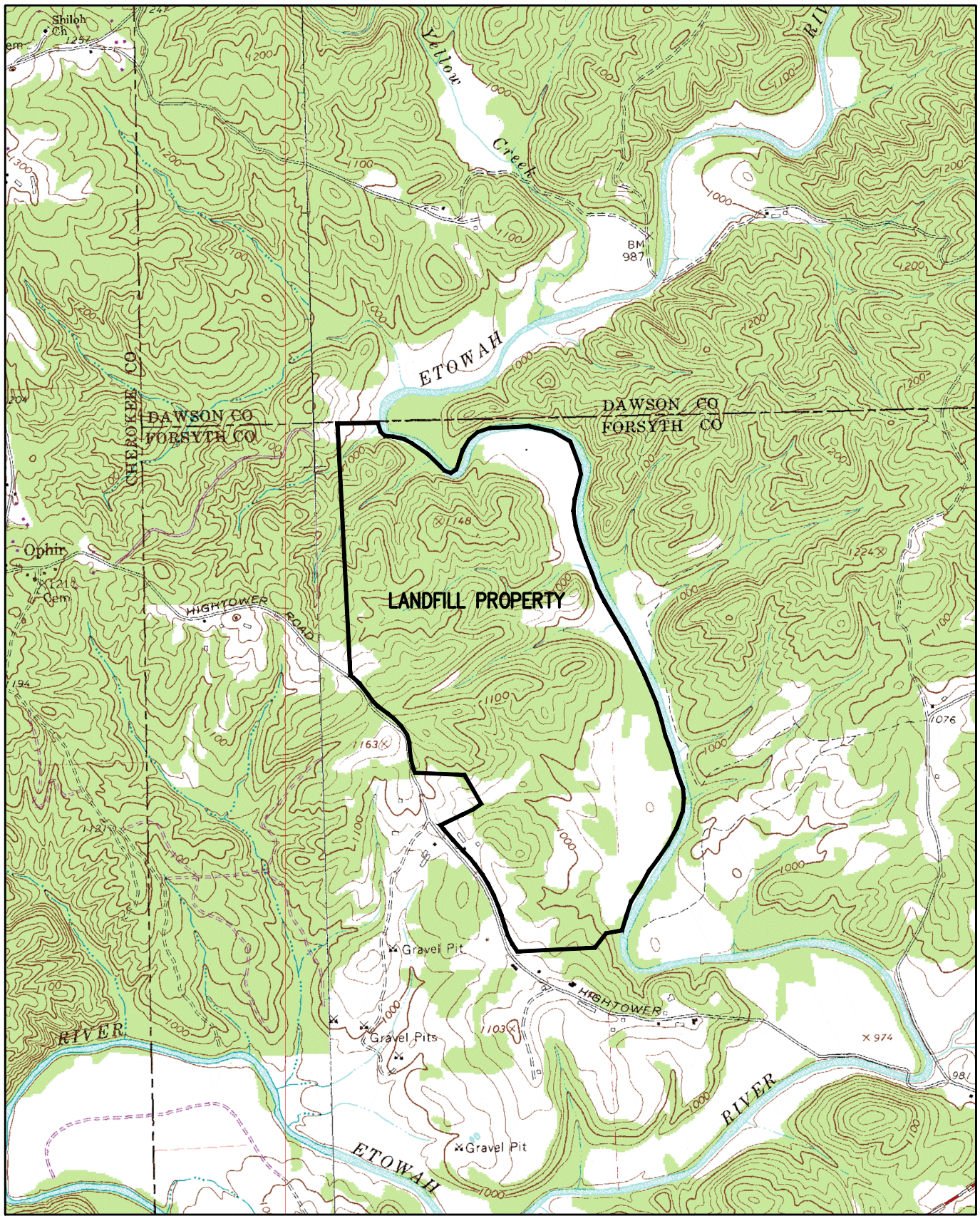
**Notes:**

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:	ACE	DATE:	11-29-21
CHECKED:	MSP	CAD:	EAGPNTLF177-SLM
APPROVED:		JOB NO:	J21-1472-177

**BLE** | **BUNNELL LAMMONS ENGINEERING**

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**SITE LOCATION MAP**  
 EAGLE POINT MSW LANDFILL  
 FORSYTH COUNTY, GEORGIA

FIGURE

1







**APPENDIX A**  
**Field Sampling Logs and Laboratory Analytical**  
**Results**

# EMServices

*Environmental Monitoring Services, LLC*

*Phone (770) 823-7174*

July 15, 2021

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

RE: Eagle Point Landfill Semi-Annual Sampling Event

Scott,

On July 6<sup>th</sup> – 9<sup>th</sup>, we completed the semi-annual groundwater and surface water monitoring at the referenced site. Well GWC-20 was resampled on July 14<sup>th</sup> because the samples were not found upon submittal to the laboratory service center. The points sampled and their respective analyses are:

GWC-1, 2, 3, 4, 5, 6, 7, 7A, 8, 9, 10D, 11, 13R, 14R, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, Field Blank, Trip Blank (VOC only)      GA App I VOC (8260B only)/Metals

GWA-1, 2, GWC-12R      Full App II [VOC (8260/8011), Metals, BN/A, Pest/PCB, Herb, CN, Sulfide]

GWC-10, 13      Water Level Only

SWC-1, 2, 5, 6, 7, 8, 10, 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 from GWC-6, 9, 12R, SWC-5 and 9 for Forsyth County.

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

The depth to water was measured from a surveyed mark on the top of casing, if present. The process of collecting water levels was completed on July 6<sup>th</sup> 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, 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

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inquiry@emservicesonline.com*

*Page 1 of 2*

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

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

For wells GWC-15, 17, and 18, the water level was too low to use the dedicated bladder pumps, so the pumps were removed and the wells purged and sampled using new, disposable Teflon bailers attached to new nylon string. After collecting the water level, we calculated the purge volume to three well-volumes using a standard formula. Purging continued until the well was purged to three well volumes or dry. Readings for pH, conductivity, temperature, turbidity, dissolved oxygen and oxidation-reduction potential were recorded at each well-volume. The purge water was captured in 5-gallon buckets to quantify the purge volumes. All bailers and string were discarded at the completion of the sampling event.

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

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

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

Respectfully,



Jeff Johnson

Attachments:     Groundwater Field Data  
                      Surface Water Field Data



# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWA-2  
 Date 7/6/2021  
 DTW<sup>1</sup> 31.82  
 DTB<sup>2</sup> 50.09  
 Purge Method Dedicated Bladder Pump  
 Sample Method Dedicated Bladder Pump  
 Stabilization Yes  
 Parameters Full App II

Purge Start Time = 1015 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1023	34.33	280	0.59	5.11	27	15.9	3	8.74	200
1027	34.33	280	0.89	5.21	27	15.8	2	8.58	199
1031	34.33	280	1.19	5.25	27	15.8	2	8.50	198
1035	34.33	280	1.49	5.26	27	15.8	2	8.46	199

Comments
Clear, slight odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing



# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-1  
 Date 7/7/2021  
 DTW<sup>1</sup> 18.18  
 DTB<sup>2</sup> 34.90  
 Purge Method Dedicated Bladder Pump  
 Sample Method Dedicated Bladder Pump  
 Stabilization Yes  
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1120 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1126	19.83	240	0.38	5.96	36	18.2	4	8.45	140
1130	19.83	240	0.63	5.99	36	18.0	4	8.30	144
1134	19.83	240	0.88	6.02	36	17.9	4	8.27	145
1138	19.83	240	1.13	6.01	36	17.9	3	8.43	143

Comments
Clear, no odor

Field Tech: N. Walker

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-2  
 Date 7/7/2021  
 DTW<sup>1</sup> 31.31  
 DTB<sup>2</sup> 41.44  
 Purge Method Dedicated Bladder Pump  
 Sample Method Dedicated Bladder Pump  
 Stabilization Yes  
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1035 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1041	32.08	210	0.33	5.36	19	18.8	14	6.44	149
1045	32.08	210	0.55	5.38	19	18.9	29	6.63	147
1049	32.08	210	0.77	5.40	18	18.8	26	6.51	146
1053	32.08	210	0.99	5.41	18	19.0	24	6.74	145
1057	32.08	210	1.21	5.41	18	18.9	22	6.69	145
1101	32.08	210	1.43	5.41	17	19.1	10	6.71	145

Comments
Clear, no odor

Field Tech: N. Walker

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing



# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-4  
 Date 7/8/2021  
 DTW<sup>1</sup> 15.66  
 DTB<sup>2</sup> 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 = 0951 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
0959	16.85	160	0.34	4.81	48	18.0	2	0.58	204
1003	16.85	160	0.51	4.84	48	18.0	2	0.44	206
1007	16.85	160	0.68	4.82	47	18.1	2	0.41	205
1011	16.85	160	0.85	4.86	48	18.1	2	0.39	202

Comments
Clear, no odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-5  
 Date 7/8/2021  
 DTW<sup>1</sup> 9.85  
 DTB<sup>2</sup> 23.19  
 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 = 1022 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1028	11.13	180	0.28	4.99	60	18.5	1	0.36	201
1032	11.13	180	0.47	5.00	59	18.3	2	0.24	199
1036	11.13	180	0.66	5.00	59	18.3	1	0.20	198
1040	11.13	180	0.85	4.99	58	18.3	1	0.18	197

Comments
Clear, no odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-6  
 Date 7/6/2021  
 DTW<sup>1</sup> 25.42  
 DTB<sup>2</sup> 37.54  
 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 = 1020 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (μS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1026	25.72	210	0.33	5.53	86	21.4	1	1.83	178
1030	25.72	210	0.55	5.53	79	21.5	1	1.05	172
1034	25.72	210	0.77	5.52	76	21.4	1	0.64	169
1038	25.72	210	0.99	5.55	76	21.9	1	0.66	165
1042	25.72	210	1.21	5.54	76	21.7	0	0.55	163

Comments
Clear, no odor

Field Tech: N. Walker

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-7  
 Date 7/6/2021  
 DTW<sup>1</sup> 27.71  
 DTB<sup>2</sup> 91.33  
 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 <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1148	28.02	250	0.53	6.57	108	20.3	25	4.17	162
1152	28.02	250	0.79	6.60	106	20.4	10	5.75	155
1156	28.02	250	1.05	6.59	106	20.5	9	5.83	150
1200	28.02	250	1.31	6.59	106	20.7	8	5.79	148

Comments
Clear, no odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing





# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-8  
 Date 7/8/2021  
 DTW<sup>1</sup> 16.89  
 DTB<sup>2</sup> 36.43  
 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 = 1051 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1059	17.47	180	0.38	4.56	93	19.3	2	0.59	216
1103	17.47	180	0.57	4.54	94	19.4	2	0.55	216
1107	17.47	180	0.76	4.52	94	19.3	3	0.60	217
1111	17.47	180	0.95	4.51	95	19.3	3	0.54	216

Comments
Clear, no odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-9  
 Date 7/6/2021  
 DTW<sup>1</sup> 15.49  
 DTB<sup>2</sup> 24.35  
 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 = 1118 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1124	15.76	200	0.32	4.55	546	20.5	1	0.84	208
1128	15.76	200	0.53	4.59	546	20.1	2	0.46	203
1132	15.76	200	0.74	4.58	548	21.1	1	0.34	200
1136	15.76	200	0.95	4.62	547	21.0	2	0.30	198

Comments
Clear, no odor

Field Tech: N. Walker

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-10D  
 Date 7/8/2021  
 DTW<sup>1</sup> 15.45  
 DTB<sup>2</sup> 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 = 1123 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1130	15.93	180	0.33	5.21	120	19.1	1	0.32	185
1134	15.93	180	0.52	5.23	121	19.1	1	0.25	184
1138	15.93	180	0.71	5.22	120	19.1	1	0.23	183
1142	15.93	180	0.90	5.22	121	19.1	1	0.21	182

Comments
Clear, no odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing



# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-12R  
 Date 7/6/2021  
 DTW<sup>1</sup> 9.03  
 DTB<sup>2</sup> 29.79  
 Purge Method Peristaltic Pump  
 Sample Method Peristaltic Pump for Metals, Straw Method/Reverse Flow for VOC's  
 Stabilization Yes  
 Parameters Full App II

Purge Start Time = 1201 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1207	9.69	240	0.38	5.82	724	19.2	1	0.44	170
1211	9.69	240	0.63	5.82	724	20.0	4	0.36	164
1215	9.69	240	0.88	5.81	731	19.8	3	0.27	159
1219	9.69	240	1.13	5.85	730	19.8	3	0.25	158

Comments
Clear, slight odor

Field Tech: N. Walker

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing



# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-14R  
 Date 7/8/2021  
 DTW<sup>1</sup> 23.00  
 DTB<sup>2</sup> 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 = 1200 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1208	23.10	150	0.32	6.07	111	25.1	5	3.34	165
1212	23.10	150	0.48	6.15	111	25.2	2	3.44	160
1216	23.10	150	0.64	6.17	111	25.1	2	3.29	157
1220	23.10	150	0.80	6.19	111	24.9	1	3.17	155

Comments
Clear, no odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental

Site Eagle Point Landfill

Well ID GWC-15

Date 7/6/2021

DTW<sup>1</sup> 43.69

DTB<sup>2</sup> 46.35

1 Well Volume (DTB - DTW) \* 0.163 = 0.43

3 Well Volumes 1 WV \* 3 = 1.30

Purge Method Disposable Teflon Bailer

Sample Method Disposable Teflon Bailer

Parameters Appendix I VOCs / Metals

LEL/Vol = 0

Time	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1315	0.50	5.01	72	19.0	14	1.37	207
1317	0.75	4.99	72	18.9	6	1.23	205

Metals sample collection if allowed to settle:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ NTU: \_\_\_\_\_

Comments
Clear, no odor, purged dry

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing

<sup>2</sup> Depth to bottom of casing measured from top of casing





# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental

Site Eagle Point Landfill

Well ID GWC-17

Date 7/6/2021

DTW<sup>1</sup> 45.49

DTB<sup>2</sup> 54.75

1 Well Volume (DTB - DTW) \* 0.163 = 1.51

3 Well Volumes 1 WV \* 3 = 4.53

Purge Method Disposable Teflon Bailer

Sample Method Disposable Teflon Bailer

Parameters Appendix I VOCs / Metals

LEL/Vol = 0

Time	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1400	1.75	5.19	87	18.6	180	2.32	199
1404	3.25	5.27	86	17.2	133	3.05	194
1408	4.75	5.30	88	17.1	76	2.51	186

Metals sample collection if allowed to settle:

Date: 7/7/2021 Time: 0945 NTU: 5

Comments
Cloudy, odor present

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental

Site Eagle Point Landfill

Well ID GWC-18

Date 7/6/2021

DTW<sup>1</sup> 39.23

DTB<sup>2</sup> 49.29

1 Well Volume (DTB - DTW) \* 0.163 = 1.64

3 Well Volumes 1 WV \* 3 = 4.92

Purge Method Disposable Teflon Bailer

Sample Method Disposable Teflon Bailer

Parameters Appendix I VOCs / Metals

LEL/Vol = 0

Time	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1504	1.75	5.16	31	17.8	228	5.41	207
1508	3.50	5.12	30	17.0	290	5.08	206
1511	5.00	5.11	31	16.8	206	4.53	198

Metals sample collection if allowed to settle:

Date: 7/7/2021 Time: 0958 NTU: 5

Comments
Cloudy, slight odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-19  
 Date 7/8/2021  
 DTW<sup>1</sup> 49.03  
 DTB<sup>2</sup> 55.18  
 Purge Method Dedicated Bladder Pump  
 Sample Method Dedicated Bladder Pump  
 Stabilization Yes  
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1003 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (μS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1009	49.21	240	0.38	5.88	69	20.1	4	8.98	163
1013	49.21	240	0.63	5.93	73	20.0	4	7.74	161
1017	49.21	240	0.88	5.97	73	20.0	4	7.58	158
1021	49.21	240	1.13	5.99	74	19.9	3	7.32	156

Comments
Clear, no odor

Field Tech: N. Walker

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-20  
 Date 7/7/2021  
 DTW<sup>1</sup> 96.35  
 DTB<sup>2</sup> 112.41  
 Purge Method Dedicated Bladder Pump  
 Sample Method Dedicated Bladder Pump  
 Stabilization Yes  
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1020 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1031	96.88	280	0.81	6.55	190	17.0	3	2.33	156
1035	96.88	280	1.11	6.74	174	16.8	2	2.09	150
1039	96.88	280	1.41	6.81	167	16.9	2	2.06	147
1043	96.88	280	1.71	6.88	162	16.7	2	1.85	146
1047	96.88	280	2.01	6.89	160	16.7	2	1.92	144
1051	96.88	280	2.31	6.93	159	16.7	2	1.91	143

Comments
Clear, slight odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing



# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-21  
 Date 7/8/2021  
 DTW<sup>1</sup> 25.66  
 DTB<sup>2</sup> 29.91  
 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 = 1116 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1122	26.03	210	0.33	5.46	63	19.8	7	4.20	156
1126	26.03	210	0.55	5.49	63	20.1	3	4.22	154
1130	26.03	210	0.77	5.51	63	20.0	2	4.17	152
1134	26.03	210	0.99	5.54	62	20.2	1	4.14	151

Comments
Clear, no odor

Field Tech: N. Walker

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-22  
 Date 7/7/2021  
 DTW<sup>1</sup> 69.94  
 DTB<sup>2</sup> 81.06  
 Purge Method Dedicated Bladder Pump  
 Sample Method Dedicated Bladder Pump  
 Stabilization Yes  
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1217 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1225	70.20	290	0.61	5.55	27	15.7	3	6.77	168
1229	70.20	290	0.92	5.54	27	15.6	2	6.53	167
1233	70.20	290	1.23	5.51	27	15.6	2	6.56	168
1237	70.20	290	1.54	5.49	27	15.5	2	6.62	167

Comments
Clear, no odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing













# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-28  
 Date 7/7/2021  
 DTW<sup>1</sup> 59.51  
 DTB<sup>2</sup> 71.81  
 Purge Method Dedicated Bladder Pump  
 Sample Method Dedicated Bladder Pump  
 Stabilization Yes  
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1105 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1112	59.98	250	0.46	6.56	49	16.8	2	6.24	142
1116	59.98	250	0.72	6.28	48	16.7	2	6.06	146
1120	59.98	250	0.98	6.21	49	16.6	2	5.94	148
1124	59.98	250	1.24	6.19	49	16.5	2	6.03	148

Comments
Clear, no odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# EM Services

Environmental Monitoring Services, LLC

## Field Data Sheet

Client GFL Environmental  
 Site Eagle Point Landfill  
 Well ID GWC-29  
 Date 7/7/2021  
 DTW<sup>1</sup> 50.52  
 DTB<sup>2</sup> 62.74  
 Purge Method Dedicated Bladder Pump  
 Sample Method Dedicated Bladder Pump  
 Stabilization Yes  
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1135 LEL/Vol = 0

Time	DTW <sup>1</sup>	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1143	50.55	280	0.59	6.07	47	16.6	12	6.47	151
1147	50.55	280	0.89	5.67	31	16.7	5	6.70	162
1151	50.55	280	1.19	5.54	31	16.5	4	7.32	167
1155	50.55	280	1.49	5.46	28	16.5	3	7.27	169
1159	50.55	280	1.74	5.44	28	16.6	3	7.25	170
1203	50.55	280	2.09	5.43	27	16.6	3	7.33	169

Comments
Clear, no odor

Field Tech: D. Cantu

<sup>1</sup> Depth to water as measured in feet from top of casing  
<sup>2</sup> Depth to bottom of casing measured from top of casing

# ***EM** Services*

*Environmental Monitoring Services, LLC*

## *Field Data Sheet*

Client	GFL Environmental
Site	Eagle Point Landfill
ID	Field Blank
Date	7/9/2021
Time	1100
Parameters	Appendix I VOCs / Metals

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

Field Tech: N. Walker



# ***EM Services***

*Environmental Monitoring Services, LLC*

## *Field Data Sheet*

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

Surface Water ID	Date	Time	pH	SC ( $\mu\text{S}/\text{cm}$ )	T ( $^{\circ}\text{C}$ )	Turbidity (NTU)	Comments
SWC-1	7/9/2021	1012	5.83	218	24.7	5	Clear, slight odor, low flow
SWC-2	7/9/2021	1030	6.00	59	27.4	2	Clear, slight odor, low flow
SWC-4	7/9/2021	0956	-	-	-	-	Point dry
SWC-5	7/6/2021	1337	6.08	229	23.3	4	Clear, odor, good flow
SWC-6	7/9/2021	1134	5.74	169	27.1	3	Clear, odor, good flow
SWC-7	7/9/2021	1124	5.71	124	25.0	1	Clear, odor, good flow
SWC-8	7/9/2021	1011	6.06	113	20.7	1	Clear, odor, good flow
SWC-10	7/9/2021	1032	6.23	58	19.7	6	Clear, slight odor, good flow
SWC-11	7/9/2021	1110	-	-	-	-	Point dry
SWC-12	7/9/2021	0957	5.26	91	19.1	11	Clear, no odor, low flow
SWC-13	7/9/2021	1118	-	-	-	-	Point dry

Field Tech: N. Walker

# *EM Services*

*Environmental Monitoring Services, LLC*

## *Field Data Sheet*

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

Surface Water ID	Date	Time	pH	SC ( $\mu\text{S}/\text{cm}$ )	T ( $^{\circ}\text{C}$ )	Turbidity (NTU)	DO (mg/L)	Comments
SWA-1	7/9/2021	1054	6.29	32	22.0	5	8.48	Clear, no odor, good flow
SWC-9	7/6/2021	1420	6.58	33	25.1	7	9.10	Clear, no odor, good flow

Field Tech: N. Walker

# *EM Services*

*Environmental Monitoring Services, LLC*

Client GFL Environmental  
Site Eagle Point Landfill  
Date 7/6/2021

Well	DTW <sup>1</sup>	DTB <sup>1</sup>
GWA-1	4.74	28.10
GWA-2	31.82	50.09
GWC-1	18.18	34.90
GWC-2	31.31	41.44
GWC-3	22.40	46.90
GWC-4	15.66	38.56
GWC-5	9.85	23.19
GWC-6	25.82	37.54
GWC-7	27.71	91.33
GWC-7A	28.20	50.80
GWC-8	16.89	36.43
GWC-9	15.49	24.35
GWC-10	27.49	36.55
GWC-10D	15.45	36.30
GWC-11	27.65	41.17
GWC-12R	9.03	29.79
GWC-13	Dry	23.05

Well	DTW <sup>1</sup>	DTB <sup>1</sup>
GWC-13R	27.66	37.94
GWC-14R	23.00	34.89
GWC-15	43.69	46.35
GWC-16	17.97	24.62
GWC-17	45.49	54.75
GWC-18	39.23	49.29
GWC-19	49.03	55.18
GWC-20	96.35	112.41
GWC-21	25.66	29.91
GWC-22	69.94	81.06
GWC-23	74.99	98.15
GWC-24	77.90	90.34
GWC-25	32.41	58.58
GWC-26	24.74	43.66
GWC-27	42.75	53.75
GWC-28	59.51	71.81
GWC-29	50.52	62.74

<sup>1</sup> Measured in feet from Top of Casing

## ANALYTICAL REPORT

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

Laboratory Job ID: 680-201134-1  
Client Project/Site: Eagle Point Landfill

For:  
GFL Environmental  
6905 Roosevelt Hwy  
Fairburn, Georgia 30213

Attn: Robert Heller



Authorized for release by:  
8/16/2021 11:56:35 AM

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

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*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: 680-201134-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	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: 680-201134-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-201134-1	GWA-1	Ground Water	07/06/21 15:25	07/08/21 11:25
680-201134-2	GWA-2	Ground Water	07/06/21 10:35	07/08/21 11:25
680-201134-3	GWC-12R	Ground Water	07/06/21 12:19	07/08/21 11:25
680-201134-4	Trip Blank	Water	07/06/21 00:00	07/08/21 11:25

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# Case Narrative

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Job ID: 680-201134-1**

**Laboratory: Eurofins TestAmerica, Savannah**

## Narrative

**Job Narrative  
680-201134-1**

### Comments

No additional comments.

### Receipt

The samples were received on 7/8/2021 11:25 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 0.5° C, 2.2° C and 2.4° C.

### GC/MS VOA

Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-676036.

Method 8260C: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 680-676036 was outside criteria for the following analyte(s): Acetone and Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

Method 8260C: The continuing calibration verification (CCV) associated with batch 680-676036 recovered above the upper control limit for Chloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260C: The CCV associated with batch 676036 fails low for 2-Chloro-1,2-butadiene. 8260C allows the reporting of non detect analytes with low CCV failures if an LCS spiked at the reporting limit has acceptable recoveries. The low level LCS that was run with the batch had acceptable recoveries showing adequate sensitivity and the samples were non-detect. The data has been qualified and reported.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 680-676036 was outside the method criteria for the following analyte(s): Iodomethane, 2-Hexanone, 4-Methyl-2-pentanone, Acrolein and Bromomethane. Iodomethane, 2-Hexanone, 4-Methyl-2-pentanone, Acrolein and Bromomethane 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.

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

### GC/MS Semi VOA

Methods 8270D, 8270E: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 680-676652 was outside criteria for the following analyte: Bis(2-chloroethyl)ether. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte is considered estimated.

Methods 8270D, 8270E: The continuing calibration verification (CCV) associated with batch 680-676652 recovered above the upper control limit for Pentachlorophenol and Hexachloropropene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data has been reported.

Method 8270D: The following analytes have been identified, in the reference method and/or via historical data, to be poor and/or erratic performers: alpha,alpha-Dimethyl phenethylamine, N-Nitrosodi-n-butylamine, N-Nitrosopyrrolidine, N-Nitrosopiperidine, Phenacetin, N-Nitrosodiethylamine, 2-Toluidine, N-Nitrosomethylethylamine, Pronamide, 3,3'-Dimethylbenzidine, 1-Naphthylamine, 4-Aminobiphenyl, 7,12-Dimethylbenz(a)anthracene, p-Phenylene diamine, N-Nitro-o-toluidine, 2-Naphthylamine, 1,3,5-Trinitrobenzene and Isosafrole (-52.4%). These analytes may have a %D >20% but must be <50%. If >50%, a CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

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

# Case Narrative

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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## Job ID: 680-201134-1 (Continued)

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### Laboratory: Eurofins TestAmerica, Savannah (Continued)

#### GC Semi VOA

Method 8081B/8082A: Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: GWC-12R (680-201134-3). These results have been reported and qualified.

Method 8081B/8082A: Internal standard (ISTD) response for the following sample exceeded the control limit on Column one: GWC-12R (680-201134-3). As such, the sample results associated with this ISTD were reported from the other column, which met ISTD acceptance criteria.

Method 8011: Surrogate recovery for the following sample was outside the upper control limit: GWC-12R (680-201134-3). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8011: The continuing calibration verification (CCV) associated with batch 680-676707 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane and Pentachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

#### Metals

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

#### General Chemistry

Methods 335.4, 9012B, SM 4500 CN E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 680-675997 and analytical batch 680-676136 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.

Method SM 4500 S2 F: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-676239 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

#### Organic Prep

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



# Detection Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

## Client Sample ID: GWA-1

Lab Sample ID: 680-201134-1

No Detections.

## Client Sample ID: GWA-2

Lab Sample ID: 680-201134-2

No Detections.

## Client Sample ID: GWC-12R

Lab Sample ID: 680-201134-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.6		2.0		ug/L	1		8260C	Total/NA
alpha-BHC	0.24		0.048		ug/L	1		8081B/8082A	Total/NA
Barium	0.11		0.020		mg/L	1		6020A	Total Recoverable
Cobalt	0.12		0.0060		mg/L	1		6020A	Total Recoverable
Nickel	0.026		0.020		mg/L	1		6020A	Total Recoverable

## Client Sample ID: Trip Blank

Lab Sample ID: 680-201134-4

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-1**

**Lab Sample ID: 680-201134-1**

**Date Collected: 07/06/21 15:25**

**Matrix: Ground Water**

**Date Received: 07/08/21 11:25**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/09/21 20:10	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/09/21 20:10	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/09/21 20:10	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/09/21 20:10	1
1,1-Dichloroethane	ND		2.0		ug/L			07/09/21 20:10	1
1,1-Dichloroethene	ND		2.0		ug/L			07/09/21 20:10	1
1,1-Dichloropropene	ND		2.0		ug/L			07/09/21 20:10	1
1,2,3-Trichloropropane	ND		2.0		ug/L			07/09/21 20:10	1
1,2-Dichlorobenzene	ND		10		ug/L			07/09/21 20:10	1
1,2-Dichloroethane	ND		2.0		ug/L			07/09/21 20:10	1
1,2-Dichloropropane	ND		2.0		ug/L			07/09/21 20:10	1
1,3-Dichlorobenzene	ND		10		ug/L			07/09/21 20:10	1
1,3-Dichloropropane	ND		2.0		ug/L			07/09/21 20:10	1
1,4-Dichlorobenzene	ND		10		ug/L			07/09/21 20:10	1
2,2-Dichloropropane	ND		2.0		ug/L			07/09/21 20:10	1
2-Butanone (MEK)	ND		100		ug/L			07/09/21 20:10	1
2-Chloro-1,3-butadiene	ND		5.0		ug/L			07/09/21 20:10	1
2-Hexanone	ND		50		ug/L			07/09/21 20:10	1
3-Chloro-1-propene	ND		5.0		ug/L			07/09/21 20:10	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/09/21 20:10	1
Acetone	ND		100		ug/L			07/09/21 20:10	1
Acetonitrile	ND		40		ug/L			07/09/21 20:10	1
Acrolein	ND		50		ug/L			07/09/21 20:10	1
Acrylonitrile	ND		50		ug/L			07/09/21 20:10	1
Benzene	ND		2.0		ug/L			07/09/21 20:10	1
Bromoform	ND		10		ug/L			07/09/21 20:10	1
Bromomethane	ND		10		ug/L			07/09/21 20:10	1
Carbon disulfide	ND		5.0		ug/L			07/09/21 20:10	1
Carbon tetrachloride	ND		2.0		ug/L			07/09/21 20:10	1
Chlorobenzene	ND		10		ug/L			07/09/21 20:10	1
Chlorobromomethane	ND		10		ug/L			07/09/21 20:10	1
Chlorodibromomethane	ND		10		ug/L			07/09/21 20:10	1
Chloroethane	ND		5.0		ug/L			07/09/21 20:10	1
Chloroform	ND		2.0		ug/L			07/09/21 20:10	1
Chloromethane	ND		10		ug/L			07/09/21 20:10	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/09/21 20:10	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/09/21 20:10	1
Dibromomethane	ND		10		ug/L			07/09/21 20:10	1
Dichlorobromomethane	ND		10		ug/L			07/09/21 20:10	1
Dichlorodifluoromethane	ND		10		ug/L			07/09/21 20:10	1
Ethyl methacrylate	ND		10		ug/L			07/09/21 20:10	1
Ethylbenzene	ND		2.0		ug/L			07/09/21 20:10	1
Iodomethane	ND		100		ug/L			07/09/21 20:10	1
Isobutyl alcohol	ND		100		ug/L			07/09/21 20:10	1
Methacrylonitrile	ND		100		ug/L			07/09/21 20:10	1
Methyl methacrylate	ND		10		ug/L			07/09/21 20:10	1
Methylene Chloride	ND		5.0		ug/L			07/09/21 20:10	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/09/21 20:10	1
o-Xylene	ND		5.0		ug/L			07/09/21 20:10	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-1**

**Lab Sample ID: 680-201134-1**

**Date Collected: 07/06/21 15:25**

**Matrix: Ground Water**

**Date Received: 07/08/21 11:25**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	ND		100		ug/L			07/09/21 20:10	1
Styrene	ND		10		ug/L			07/09/21 20:10	1
Tetrachloroethene	ND		2.0		ug/L			07/09/21 20:10	1
Toluene	ND		2.0		ug/L			07/09/21 20:10	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/09/21 20:10	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/09/21 20:10	1
trans-1,4-Dichloro-2-butene	ND		100		ug/L			07/09/21 20:10	1
Trichloroethene	ND		2.0		ug/L			07/09/21 20:10	1
Trichlorofluoromethane	ND		10		ug/L			07/09/21 20:10	1
Vinyl acetate	ND		100		ug/L			07/09/21 20:10	1
Vinyl chloride	ND		2.0		ug/L			07/09/21 20:10	1
Xylenes, Total	ND		5.0		ug/L			07/09/21 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		70 - 130					07/09/21 20:10	1
1,2-Dichloroethane-d4 (Surr)	88		60 - 124					07/09/21 20:10	1
Dibromofluoromethane (Surr)	98		70 - 130					07/09/21 20:10	1
4-Bromofluorobenzene (Surr)	97		70 - 130					07/09/21 20:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		48		ug/L		07/12/21 17:03	07/14/21 18:34	1
4-Nitrophenol	ND		48		ug/L		07/12/21 17:03	07/14/21 18:34	1
Benzyl alcohol	ND		19		ug/L		07/12/21 17:03	07/14/21 18:34	1
N-Nitrosopiperidine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
4-Bromophenyl phenyl ether	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2,4-Dimethylphenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
N-Nitrosomethylethylamine	ND		19		ug/L		07/12/21 17:03	07/14/21 18:34	1
4-Chloroaniline	ND		19		ug/L		07/12/21 17:03	07/14/21 18:34	1
p-Phenylene diamine	ND		1900		ug/L		07/12/21 17:03	07/14/21 18:34	1
bis (2-chloroisopropyl) ether	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Phenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Bis(2-chloroethyl)ether	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Bis(2-chloroethoxy)methane	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Bis(2-ethylhexyl) phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Di-n-octyl phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Hexachlorobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
3,3'-Dimethylbenzidine	ND		19		ug/L		07/12/21 17:03	07/14/21 18:34	1
Anthracene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Isosafrole	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
1,2,4-Trichlorobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2,4-Dichlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2,4-Dinitrotoluene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
alpha,alpha-Dimethyl phenethylamine	ND		1900		ug/L		07/12/21 17:03	07/14/21 18:34	1
o,o',o"-Triethylphosphorothioate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Pyrene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
1,4-Naphthoquinone	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Dimethyl phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
1-Naphthylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Hexachloropropene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1

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# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-1**

**Date Collected: 07/06/21 15:25**

**Date Received: 07/08/21 11:25**

**Lab Sample ID: 680-201134-1**

**Matrix: Ground Water**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Indeno[1,2,3-cd]pyrene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Benzo[b]fluoranthene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Fluoranthene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Benzo[k]fluoranthene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Acenaphthylene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Chrysene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Diallate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Pronamide	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Thionazin	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Methyl parathion	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Phorate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Disulfoton	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Benzo[a]pyrene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2,4-Dinitrophenol	ND		48		ug/L		07/12/21 17:03	07/14/21 18:34	1
Famphur	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
4,6-Dinitro-2-methylphenol	ND		48		ug/L		07/12/21 17:03	07/14/21 18:34	1
Dibenz(a,h)anthracene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2-Acetylaminofluorene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
N-Nitrosodiethylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Ethyl Parathion	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
3-Methylcholanthrene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Benzo[a]anthracene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
7,12-Dimethylbenz(a)anthracene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2,3,4,6-Tetrachlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
4-Chloro-3-methylphenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
p-Dimethylamino azobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Dimethoate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2,6-Dinitrotoluene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Pentachlorobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
N-Nitrosodi-n-propylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Phenacetin	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Ethyl methanesulfonate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
N-Nitrosodimethylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Methyl methanesulfonate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Hexachloroethane	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
4-Chlorophenyl phenyl ether	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Hexachlorocyclopentadiene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Isophorone	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Pentachloronitrobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Acenaphthene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Diethyl phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Di-n-butyl phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Phenanthrene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Butyl benzyl phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
N-Nitrosodiphenylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Fluorene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2,6-Dichlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Hexachlorobutadiene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-1**

**Lab Sample ID: 680-201134-1**

**Date Collected: 07/06/21 15:25**

**Matrix: Ground Water**

**Date Received: 07/08/21 11:25**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		48		ug/L		07/12/21 17:03	07/14/21 18:34	1
2,4,6-Trichlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2-Nitroaniline	ND		48		ug/L		07/12/21 17:03	07/14/21 18:34	1
2-Nitrophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2-Methylnaphthalene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2-Chloronaphthalene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2-Naphthylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Methapyrilene	ND		1900		ug/L		07/12/21 17:03	07/14/21 18:34	1
3,3'-Dichlorobenzidine	ND		58		ug/L		07/12/21 17:03	07/14/21 18:34	1
N-Nitrosodi-n-butylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
4-Aminobiphenyl	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
N-Nitrosopyrrolidine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Safrole, Total	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2-Methylphenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2-Toluidine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2-Chlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
1,2,4,5-Tetrachlorobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
2,4,5-Trichlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Acetophenone	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Nitrobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
3-Nitroaniline	ND		48		ug/L		07/12/21 17:03	07/14/21 18:34	1
1,3,5-Trinitrobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
N-Nitro-o-toluidine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
1,3-Dinitrobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
Dibenzofuran	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1
3 & 4 Methylphenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	69		39 - 124	07/12/21 17:03	07/14/21 18:34	1
2-Fluorobiphenyl (Surr)	68		32 - 113	07/12/21 17:03	07/14/21 18:34	1
2-Fluorophenol (Surr)	56		26 - 109	07/12/21 17:03	07/14/21 18:34	1
Terphenyl-d14 (Surr)	77		10 - 126	07/12/21 17:03	07/14/21 18:34	1
Phenol-d5 (Surr)	58		27 - 110	07/12/21 17:03	07/14/21 18:34	1
Nitrobenzene-d5 (Surr)	64		32 - 118	07/12/21 17:03	07/14/21 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.049		ug/L		07/14/21 15:09	07/14/21 21:23	1
1,2-Dibromo-3-Chloropropane	ND		0.20		ug/L		07/14/21 15:09	07/14/21 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	117		60 - 144	07/14/21 15:09	07/14/21 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.048		ug/L		07/09/21 19:01	07/12/21 18:56	1
Endosulfan sulfate	ND		0.24		ug/L		07/09/21 19:01	07/12/21 18:56	1
PCB-1260	ND		0.48		ug/L		07/09/21 19:01	07/12/21 18:56	1
PCB-1254	ND		0.48		ug/L		07/09/21 19:01	07/12/21 18:56	1
PCB-1221	ND		0.48		ug/L		07/09/21 19:01	07/12/21 18:56	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-1**

**Lab Sample ID: 680-201134-1**

Date Collected: 07/06/21 15:25

Matrix: Ground Water

Date Received: 07/08/21 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.48		ug/L		07/09/21 19:01	07/12/21 18:56	1
PCB-1248	ND		0.48		ug/L		07/09/21 19:01	07/12/21 18:56	1
PCB-1016	ND		0.48		ug/L		07/09/21 19:01	07/12/21 18:56	1
Kepona	ND		1.4		ug/L		07/09/21 19:01	07/12/21 18:56	1
Aldrin	ND		0.048		ug/L		07/09/21 19:01	07/12/21 18:56	1
alpha-BHC	ND		0.048		ug/L		07/09/21 19:01	07/12/21 18:56	1
beta-BHC	ND		0.048		ug/L		07/09/21 19:01	07/12/21 18:56	1
delta-BHC	ND		0.048		ug/L		07/09/21 19:01	07/12/21 18:56	1
Endosulfan II	ND		0.24		ug/L		07/09/21 19:01	07/12/21 18:56	1
Isodrin	ND		0.24		ug/L		07/09/21 19:01	07/12/21 18:56	1
4,4'-DDT	ND		0.048		ug/L		07/09/21 19:01	07/12/21 18:56	1
PCB-1242	ND		0.48		ug/L		07/09/21 19:01	07/12/21 18:56	1
Chlorobenzilate	ND		1.4		ug/L		07/09/21 19:01	07/12/21 18:56	1
Chlordane (technical)	ND		0.24		ug/L		07/09/21 19:01	07/12/21 18:56	1
gamma-BHC (Lindane)	ND		0.048		ug/L		07/09/21 19:01	07/12/21 18:56	1
Dieldrin	ND		0.048		ug/L		07/09/21 19:01	07/12/21 18:56	1
Endrin	ND		0.096		ug/L		07/09/21 19:01	07/12/21 18:56	1
Methoxychlor	ND		0.14		ug/L		07/09/21 19:01	07/12/21 18:56	1
4,4'-DDD	ND		0.048		ug/L		07/09/21 19:01	07/12/21 18:56	1
4,4'-DDE	ND		0.048		ug/L		07/09/21 19:01	07/12/21 18:56	1
Endrin aldehyde	ND		0.096		ug/L		07/09/21 19:01	07/12/21 18:56	1
Heptachlor	ND		0.048		ug/L		07/09/21 19:01	07/12/21 18:56	1
Toxaphene	ND		2.4		ug/L		07/09/21 19:01	07/12/21 18:56	1
Endosulfan I	ND		0.24		ug/L		07/09/21 19:01	07/12/21 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	35		14 - 130	07/09/21 19:01	07/12/21 18:56	1
Tetrachloro-m-xylene	58		40 - 130	07/09/21 19:01	07/12/21 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		7.8		ug/L		07/12/21 08:14	07/13/21 20:58	1
Silvex (2,4,5-TP)	ND		1.6		ug/L		07/12/21 08:14	07/13/21 20:58	1
2,4,5-T	ND		1.6		ug/L		07/12/21 08:14	07/13/21 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	46		30 - 142	07/12/21 08:14	07/13/21 20:58	1

**Method: 8151A - Herbicides (GC) - RA**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dinoseb	ND		0.78		ug/L		07/12/21 08:14	07/14/21 16:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:31	1
Barium	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:31	1
Antimony	ND		0.0060		mg/L		07/09/21 10:22	07/09/21 15:31	1
Beryllium	ND		0.0030		mg/L		07/09/21 10:22	07/09/21 15:31	1
Cadmium	ND		0.0050		mg/L		07/09/21 10:22	07/09/21 15:31	1
Cobalt	ND		0.0060		mg/L		07/09/21 10:22	07/09/21 15:31	1
Chromium	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:31	1

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# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-1**  
**Date Collected: 07/06/21 15:25**  
**Date Received: 07/08/21 11:25**

**Lab Sample ID: 680-201134-1**  
**Matrix: Ground Water**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:31	1
Silver	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:31	1
Lead	ND		0.015		mg/L		07/09/21 10:22	07/09/21 15:31	1
Nickel	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:31	1
Selenium	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:31	1
Thallium	ND		0.0020		mg/L		07/09/21 10:22	07/09/21 15:31	1
Tin	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:31	1
Vanadium	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:31	1
Zinc	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		07/13/21 13:58	07/14/21 12:51	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/09/21 08:21	07/09/21 15:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		0.81		mg/L			07/12/21 09:12	1



# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-2**

**Lab Sample ID: 680-201134-2**

**Date Collected: 07/06/21 10:35**

**Matrix: Ground Water**

**Date Received: 07/08/21 11:25**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/09/21 20:35	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/09/21 20:35	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/09/21 20:35	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/09/21 20:35	1
1,1-Dichloroethane	ND		2.0		ug/L			07/09/21 20:35	1
1,1-Dichloroethene	ND		2.0		ug/L			07/09/21 20:35	1
1,1-Dichloropropene	ND		2.0		ug/L			07/09/21 20:35	1
1,2,3-Trichloropropane	ND		2.0		ug/L			07/09/21 20:35	1
1,2-Dichlorobenzene	ND		10		ug/L			07/09/21 20:35	1
1,2-Dichloroethane	ND		2.0		ug/L			07/09/21 20:35	1
1,2-Dichloropropane	ND		2.0		ug/L			07/09/21 20:35	1
1,3-Dichlorobenzene	ND		10		ug/L			07/09/21 20:35	1
1,3-Dichloropropane	ND		2.0		ug/L			07/09/21 20:35	1
1,4-Dichlorobenzene	ND		10		ug/L			07/09/21 20:35	1
2,2-Dichloropropane	ND		2.0		ug/L			07/09/21 20:35	1
2-Butanone (MEK)	ND		100		ug/L			07/09/21 20:35	1
2-Chloro-1,3-butadiene	ND		5.0		ug/L			07/09/21 20:35	1
2-Hexanone	ND		50		ug/L			07/09/21 20:35	1
3-Chloro-1-propene	ND		5.0		ug/L			07/09/21 20:35	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/09/21 20:35	1
Acetone	ND		100		ug/L			07/09/21 20:35	1
Acetonitrile	ND		40		ug/L			07/09/21 20:35	1
Acrolein	ND		50		ug/L			07/09/21 20:35	1
Acrylonitrile	ND		50		ug/L			07/09/21 20:35	1
Benzene	ND		2.0		ug/L			07/09/21 20:35	1
Bromoform	ND		10		ug/L			07/09/21 20:35	1
Bromomethane	ND		10		ug/L			07/09/21 20:35	1
Carbon disulfide	ND		5.0		ug/L			07/09/21 20:35	1
Carbon tetrachloride	ND		2.0		ug/L			07/09/21 20:35	1
Chlorobenzene	ND		10		ug/L			07/09/21 20:35	1
Chlorobromomethane	ND		10		ug/L			07/09/21 20:35	1
Chlorodibromomethane	ND		10		ug/L			07/09/21 20:35	1
Chloroethane	ND		5.0		ug/L			07/09/21 20:35	1
Chloroform	ND		2.0		ug/L			07/09/21 20:35	1
Chloromethane	ND		10		ug/L			07/09/21 20:35	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/09/21 20:35	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/09/21 20:35	1
Dibromomethane	ND		10		ug/L			07/09/21 20:35	1
Dichlorobromomethane	ND		10		ug/L			07/09/21 20:35	1
Dichlorodifluoromethane	ND		10		ug/L			07/09/21 20:35	1
Ethyl methacrylate	ND		10		ug/L			07/09/21 20:35	1
Ethylbenzene	ND		2.0		ug/L			07/09/21 20:35	1
Iodomethane	ND		100		ug/L			07/09/21 20:35	1
Isobutyl alcohol	ND		100		ug/L			07/09/21 20:35	1
Methacrylonitrile	ND		100		ug/L			07/09/21 20:35	1
Methyl methacrylate	ND		10		ug/L			07/09/21 20:35	1
Methylene Chloride	ND		5.0		ug/L			07/09/21 20:35	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/09/21 20:35	1
o-Xylene	ND		5.0		ug/L			07/09/21 20:35	1

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# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-2**

**Lab Sample ID: 680-201134-2**

Date Collected: 07/06/21 10:35

Matrix: Ground Water

Date Received: 07/08/21 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	ND		100		ug/L			07/09/21 20:35	1
Styrene	ND		10		ug/L			07/09/21 20:35	1
Tetrachloroethene	ND		2.0		ug/L			07/09/21 20:35	1
Toluene	ND		2.0		ug/L			07/09/21 20:35	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/09/21 20:35	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/09/21 20:35	1
trans-1,4-Dichloro-2-butene	ND		100		ug/L			07/09/21 20:35	1
Trichloroethene	ND		2.0		ug/L			07/09/21 20:35	1
Trichlorofluoromethane	ND		10		ug/L			07/09/21 20:35	1
Vinyl acetate	ND		100		ug/L			07/09/21 20:35	1
Vinyl chloride	ND		2.0		ug/L			07/09/21 20:35	1
Xylenes, Total	ND		5.0		ug/L			07/09/21 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		70 - 130		07/09/21 20:35	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		07/09/21 20:35	1
Dibromofluoromethane (Surr)	99		70 - 130		07/09/21 20:35	1
4-Bromofluorobenzene (Surr)	97		70 - 130		07/09/21 20:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		48		ug/L		07/12/21 17:03	07/14/21 18:58	1
4-Nitrophenol	ND		48		ug/L		07/12/21 17:03	07/14/21 18:58	1
Benzyl alcohol	ND		19		ug/L		07/12/21 17:03	07/14/21 18:58	1
N-Nitrosopiperidine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
4-Bromophenyl phenyl ether	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2,4-Dimethylphenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
N-Nitrosomethylethylamine	ND		19		ug/L		07/12/21 17:03	07/14/21 18:58	1
4-Chloroaniline	ND		19		ug/L		07/12/21 17:03	07/14/21 18:58	1
p-Phenylene diamine	ND		1900		ug/L		07/12/21 17:03	07/14/21 18:58	1
bis (2-chloroisopropyl) ether	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Phenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Bis(2-chloroethyl)ether	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Bis(2-chloroethoxy)methane	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Bis(2-ethylhexyl) phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Di-n-octyl phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Hexachlorobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
3,3'-Dimethylbenzidine	ND		19		ug/L		07/12/21 17:03	07/14/21 18:58	1
Anthracene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Isosafrole	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
1,2,4-Trichlorobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2,4-Dichlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2,4-Dinitrotoluene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
alpha,alpha-Dimethyl phenethylamine	ND		1900		ug/L		07/12/21 17:03	07/14/21 18:58	1
o,o',o"-Triethylphosphorothioate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Pyrene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
1,4-Naphthoquinone	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Dimethyl phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
1-Naphthylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Hexachloropropene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1

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# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-2**

**Lab Sample ID: 680-201134-2**

**Date Collected: 07/06/21 10:35**

**Matrix: Ground Water**

**Date Received: 07/08/21 11:25**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Indeno[1,2,3-cd]pyrene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Benzo[b]fluoranthene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Fluoranthene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Benzo[k]fluoranthene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Acenaphthylene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Chrysene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Diallate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Pronamide	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Thionazin	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Methyl parathion	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Phorate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Disulfoton	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Benzo[a]pyrene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2,4-Dinitrophenol	ND		48		ug/L		07/12/21 17:03	07/14/21 18:58	1
Famphur	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
4,6-Dinitro-2-methylphenol	ND		48		ug/L		07/12/21 17:03	07/14/21 18:58	1
Dibenz(a,h)anthracene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2-Acetylaminofluorene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
N-Nitrosodiethylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Ethyl Parathion	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
3-Methylcholanthrene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Benzo[a]anthracene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
7,12-Dimethylbenz(a)anthracene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2,3,4,6-Tetrachlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
4-Chloro-3-methylphenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
p-Dimethylamino azobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Dimethoate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2,6-Dinitrotoluene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Pentachlorobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
N-Nitrosodi-n-propylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Phenacetin	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Ethyl methanesulfonate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
N-Nitrosodimethylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Methyl methanesulfonate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Hexachloroethane	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
4-Chlorophenyl phenyl ether	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Hexachlorocyclopentadiene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Isophorone	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Pentachloronitrobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Acenaphthene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Diethyl phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Di-n-butyl phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Phenanthrene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Butyl benzyl phthalate	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
N-Nitrosodiphenylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Fluorene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2,6-Dichlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Hexachlorobutadiene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-2**

**Lab Sample ID: 680-201134-2**

**Date Collected: 07/06/21 10:35**

**Matrix: Ground Water**

**Date Received: 07/08/21 11:25**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		48		ug/L		07/12/21 17:03	07/14/21 18:58	1
2,4,6-Trichlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2-Nitroaniline	ND		48		ug/L		07/12/21 17:03	07/14/21 18:58	1
2-Nitrophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2-Methylnaphthalene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2-Chloronaphthalene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2-Naphthylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Methapyrilene	ND		1900		ug/L		07/12/21 17:03	07/14/21 18:58	1
3,3'-Dichlorobenzidine	ND		57		ug/L		07/12/21 17:03	07/14/21 18:58	1
N-Nitrosodi-n-butylamine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
4-Aminobiphenyl	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
N-Nitrosopyrrolidine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Safrole, Total	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2-Methylphenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2-Toluidine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2-Chlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
1,2,4,5-Tetrachlorobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
2,4,5-Trichlorophenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Acetophenone	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Nitrobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
3-Nitroaniline	ND		48		ug/L		07/12/21 17:03	07/14/21 18:58	1
1,3,5-Trinitrobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
N-Nitro-o-toluidine	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
1,3-Dinitrobenzene	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
Dibenzofuran	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1
3 & 4 Methylphenol	ND		9.6		ug/L		07/12/21 17:03	07/14/21 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		39 - 124	07/12/21 17:03	07/14/21 18:58	1
2-Fluorobiphenyl (Surr)	84		32 - 113	07/12/21 17:03	07/14/21 18:58	1
2-Fluorophenol (Surr)	73		26 - 109	07/12/21 17:03	07/14/21 18:58	1
Terphenyl-d14 (Surr)	91		10 - 126	07/12/21 17:03	07/14/21 18:58	1
Phenol-d5 (Surr)	79		27 - 110	07/12/21 17:03	07/14/21 18:58	1
Nitrobenzene-d5 (Surr)	80		32 - 118	07/12/21 17:03	07/14/21 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.049		ug/L		07/14/21 15:09	07/14/21 21:33	1
1,2-Dibromo-3-Chloropropane	ND		0.20		ug/L		07/14/21 15:09	07/14/21 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	123		60 - 144	07/14/21 15:09	07/14/21 21:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:10	1
Endosulfan sulfate	ND		0.24		ug/L		07/09/21 19:01	07/12/21 19:10	1
PCB-1260	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:10	1
PCB-1254	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:10	1
PCB-1221	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:10	1

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# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-2**

**Lab Sample ID: 680-201134-2**

Date Collected: 07/06/21 10:35

Matrix: Ground Water

Date Received: 07/08/21 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:10	1
PCB-1248	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:10	1
PCB-1016	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:10	1
Kepona	ND		1.4		ug/L		07/09/21 19:01	07/12/21 19:10	1
Aldrin	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:10	1
alpha-BHC	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:10	1
beta-BHC	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:10	1
delta-BHC	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:10	1
Endosulfan II	ND		0.24		ug/L		07/09/21 19:01	07/12/21 19:10	1
Isodrin	ND		0.24		ug/L		07/09/21 19:01	07/12/21 19:10	1
4,4'-DDT	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:10	1
PCB-1242	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:10	1
Chlorobenzilate	ND		1.4		ug/L		07/09/21 19:01	07/12/21 19:10	1
Chlordane (technical)	ND		0.24		ug/L		07/09/21 19:01	07/12/21 19:10	1
gamma-BHC (Lindane)	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:10	1
Dieldrin	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:10	1
Endrin	ND		0.096		ug/L		07/09/21 19:01	07/12/21 19:10	1
Methoxychlor	ND		0.14		ug/L		07/09/21 19:01	07/12/21 19:10	1
4,4'-DDD	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:10	1
4,4'-DDE	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:10	1
Endrin aldehyde	ND		0.096		ug/L		07/09/21 19:01	07/12/21 19:10	1
Heptachlor	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:10	1
Toxaphene	ND		2.4		ug/L		07/09/21 19:01	07/12/21 19:10	1
Endosulfan I	ND		0.24		ug/L		07/09/21 19:01	07/12/21 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	33		14 - 130	07/09/21 19:01	07/12/21 19:10	1
Tetrachloro-m-xylene	69		40 - 130	07/09/21 19:01	07/12/21 19:10	1

## Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		7.8		ug/L		07/12/21 08:14	07/13/21 21:32	1
Silvex (2,4,5-TP)	ND		1.6		ug/L		07/12/21 08:14	07/13/21 21:32	1
2,4,5-T	ND		1.6		ug/L		07/12/21 08:14	07/13/21 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	66		30 - 142	07/12/21 08:14	07/13/21 21:32	1

## Method: 8151A - Herbicides (GC) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dinoseb	ND		0.78		ug/L		07/12/21 08:14	07/14/21 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:49	1
Barium	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:49	1
Antimony	ND		0.0060		mg/L		07/09/21 10:22	07/09/21 15:49	1
Beryllium	ND		0.0030		mg/L		07/09/21 10:22	07/09/21 15:49	1
Cadmium	ND		0.0050		mg/L		07/09/21 10:22	07/09/21 15:49	1
Cobalt	ND		0.0060		mg/L		07/09/21 10:22	07/09/21 15:49	1
Chromium	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:49	1

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# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-2**  
Date Collected: 07/06/21 10:35  
Date Received: 07/08/21 11:25

**Lab Sample ID: 680-201134-2**  
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:49	1
Silver	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:49	1
Lead	ND		0.015		mg/L		07/09/21 10:22	07/09/21 15:49	1
Nickel	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:49	1
Selenium	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:49	1
Thallium	ND		0.0020		mg/L		07/09/21 10:22	07/09/21 15:49	1
Tin	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:49	1
Vanadium	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:49	1
Zinc	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		07/13/21 13:58	07/14/21 12:55	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/09/21 08:21	07/09/21 15:40	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		0.81		mg/L			07/12/21 09:12	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWC-12R**

**Lab Sample ID: 680-201134-3**

Date Collected: 07/06/21 12:19

Matrix: Ground Water

Date Received: 07/08/21 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/09/21 20:59	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/09/21 20:59	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/09/21 20:59	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/09/21 20:59	1
1,1-Dichloroethane	ND		2.0		ug/L			07/09/21 20:59	1
1,1-Dichloroethene	ND		2.0		ug/L			07/09/21 20:59	1
1,1-Dichloropropene	ND		2.0		ug/L			07/09/21 20:59	1
1,2,3-Trichloropropane	ND		2.0		ug/L			07/09/21 20:59	1
1,2-Dichlorobenzene	ND		10		ug/L			07/09/21 20:59	1
1,2-Dichloroethane	ND		2.0		ug/L			07/09/21 20:59	1
1,2-Dichloropropane	ND		2.0		ug/L			07/09/21 20:59	1
1,3-Dichlorobenzene	ND		10		ug/L			07/09/21 20:59	1
1,3-Dichloropropane	ND		2.0		ug/L			07/09/21 20:59	1
1,4-Dichlorobenzene	ND		10		ug/L			07/09/21 20:59	1
2,2-Dichloropropane	ND		2.0		ug/L			07/09/21 20:59	1
2-Butanone (MEK)	ND		100		ug/L			07/09/21 20:59	1
2-Chloro-1,3-butadiene	ND		5.0		ug/L			07/09/21 20:59	1
2-Hexanone	ND		50		ug/L			07/09/21 20:59	1
3-Chloro-1-propene	ND		5.0		ug/L			07/09/21 20:59	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/09/21 20:59	1
Acetone	ND		100		ug/L			07/09/21 20:59	1
Acetonitrile	ND		40		ug/L			07/09/21 20:59	1
Acrolein	ND		50		ug/L			07/09/21 20:59	1
Acrylonitrile	ND		50		ug/L			07/09/21 20:59	1
<b>Benzene</b>	<b>2.6</b>		2.0		ug/L			07/09/21 20:59	1
Bromoform	ND		10		ug/L			07/09/21 20:59	1
Bromomethane	ND		10		ug/L			07/09/21 20:59	1
Carbon disulfide	ND		5.0		ug/L			07/09/21 20:59	1
Carbon tetrachloride	ND		2.0		ug/L			07/09/21 20:59	1
Chlorobenzene	ND		10		ug/L			07/09/21 20:59	1
Chlorobromomethane	ND		10		ug/L			07/09/21 20:59	1
Chlorodibromomethane	ND		10		ug/L			07/09/21 20:59	1
Chloroethane	ND		5.0		ug/L			07/09/21 20:59	1
Chloroform	ND		2.0		ug/L			07/09/21 20:59	1
Chloromethane	ND		10		ug/L			07/09/21 20:59	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/09/21 20:59	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/09/21 20:59	1
Dibromomethane	ND		10		ug/L			07/09/21 20:59	1
Dichlorobromomethane	ND		10		ug/L			07/09/21 20:59	1
Dichlorodifluoromethane	ND		10		ug/L			07/09/21 20:59	1
Ethyl methacrylate	ND		10		ug/L			07/09/21 20:59	1
Ethylbenzene	ND		2.0		ug/L			07/09/21 20:59	1
Iodomethane	ND		100		ug/L			07/09/21 20:59	1
Isobutyl alcohol	ND		100		ug/L			07/09/21 20:59	1
Methacrylonitrile	ND		100		ug/L			07/09/21 20:59	1
Methyl methacrylate	ND		10		ug/L			07/09/21 20:59	1
Methylene Chloride	ND		5.0		ug/L			07/09/21 20:59	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/09/21 20:59	1
o-Xylene	ND		5.0		ug/L			07/09/21 20:59	1

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# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWC-12R**

**Lab Sample ID: 680-201134-3**

Date Collected: 07/06/21 12:19

Matrix: Ground Water

Date Received: 07/08/21 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	ND		100		ug/L			07/09/21 20:59	1
Styrene	ND		10		ug/L			07/09/21 20:59	1
Tetrachloroethene	ND		2.0		ug/L			07/09/21 20:59	1
Toluene	ND		2.0		ug/L			07/09/21 20:59	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/09/21 20:59	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/09/21 20:59	1
trans-1,4-Dichloro-2-butene	ND		100		ug/L			07/09/21 20:59	1
Trichloroethene	ND		2.0		ug/L			07/09/21 20:59	1
Trichlorofluoromethane	ND		10		ug/L			07/09/21 20:59	1
Vinyl acetate	ND		100		ug/L			07/09/21 20:59	1
Vinyl chloride	ND		2.0		ug/L			07/09/21 20:59	1
Xylenes, Total	ND		5.0		ug/L			07/09/21 20:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		70 - 130					07/09/21 20:59	1
1,2-Dichloroethane-d4 (Surr)	88		60 - 124					07/09/21 20:59	1
Dibromofluoromethane (Surr)	99		70 - 130					07/09/21 20:59	1
4-Bromofluorobenzene (Surr)	97		70 - 130					07/09/21 20:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		49		ug/L		07/12/21 17:03	07/14/21 19:22	1
4-Nitrophenol	ND		49		ug/L		07/12/21 17:03	07/14/21 19:22	1
Benzyl alcohol	ND		19		ug/L		07/12/21 17:03	07/14/21 19:22	1
N-Nitrosopiperidine	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
4-Bromophenyl phenyl ether	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2,4-Dimethylphenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
N-Nitrosomethylethylamine	ND		19		ug/L		07/12/21 17:03	07/14/21 19:22	1
4-Chloroaniline	ND		19		ug/L		07/12/21 17:03	07/14/21 19:22	1
p-Phenylene diamine	ND		1900		ug/L		07/12/21 17:03	07/14/21 19:22	1
bis (2-chloroisopropyl) ether	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Phenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Bis(2-chloroethyl)ether	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Bis(2-chloroethoxy)methane	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Bis(2-ethylhexyl) phthalate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Di-n-octyl phthalate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Hexachlorobenzene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
3,3'-Dimethylbenzidine	ND		19		ug/L		07/12/21 17:03	07/14/21 19:22	1
Anthracene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Isosafrole	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
1,2,4-Trichlorobenzene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2,4-Dichlorophenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2,4-Dinitrotoluene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
alpha,alpha-Dimethyl phenethylamine	ND		1900		ug/L		07/12/21 17:03	07/14/21 19:22	1
o,o',o"-Triethylphosphorothioate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Pyrene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
1,4-Naphthoquinone	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Dimethyl phthalate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
1-Naphthylamine	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Hexachloropropene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1

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# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWC-12R**

**Lab Sample ID: 680-201134-3**

Date Collected: 07/06/21 12:19

Matrix: Ground Water

Date Received: 07/08/21 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Indeno[1,2,3-cd]pyrene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Benzo[b]fluoranthene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Fluoranthene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Benzo[k]fluoranthene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Acenaphthylene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Chrysene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Diallate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Pronamide	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Thionazin	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Methyl parathion	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Phorate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Disulfoton	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Benzo[a]pyrene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2,4-Dinitrophenol	ND		49		ug/L		07/12/21 17:03	07/14/21 19:22	1
Famphur	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
4,6-Dinitro-2-methylphenol	ND		49		ug/L		07/12/21 17:03	07/14/21 19:22	1
Dibenz(a,h)anthracene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2-Acetylaminofluorene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
N-Nitrosodiethylamine	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Ethyl Parathion	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
3-Methylcholanthrene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Benzo[a]anthracene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
7,12-Dimethylbenz(a)anthracene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2,3,4,6-Tetrachlorophenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
4-Chloro-3-methylphenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
p-Dimethylamino azobenzene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Dimethoate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2,6-Dinitrotoluene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Pentachlorobenzene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
N-Nitrosodi-n-propylamine	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Phenacetin	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Ethyl methanesulfonate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
N-Nitrosodimethylamine	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Methyl methanesulfonate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Hexachloroethane	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
4-Chlorophenyl phenyl ether	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Hexachlorocyclopentadiene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Isophorone	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Pentachloronitrobenzene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Acenaphthene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Diethyl phthalate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Di-n-butyl phthalate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Phenanthrene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Butyl benzyl phthalate	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
N-Nitrosodiphenylamine	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Fluorene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2,6-Dichlorophenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Hexachlorobutadiene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1

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# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWC-12R**

**Lab Sample ID: 680-201134-3**

Date Collected: 07/06/21 12:19

Matrix: Ground Water

Date Received: 07/08/21 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		49		ug/L		07/12/21 17:03	07/14/21 19:22	1
2,4,6-Trichlorophenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2-Nitroaniline	ND		49		ug/L		07/12/21 17:03	07/14/21 19:22	1
2-Nitrophenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2-Methylnaphthalene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2-Chloronaphthalene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2-Naphthylamine	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Methapyrilene	ND		1900		ug/L		07/12/21 17:03	07/14/21 19:22	1
3,3'-Dichlorobenzidine	ND		58		ug/L		07/12/21 17:03	07/14/21 19:22	1
N-Nitrosodi-n-butylamine	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
4-Aminobiphenyl	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
N-Nitrosopyrrolidine	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Safrole, Total	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2-Methylphenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2-Toluidine	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2-Chlorophenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
1,2,4,5-Tetrachlorobenzene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
2,4,5-Trichlorophenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Acetophenone	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Nitrobenzene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
3-Nitroaniline	ND		49		ug/L		07/12/21 17:03	07/14/21 19:22	1
1,3,5-Trinitrobenzene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
N-Nitro-o-toluidine	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
1,3-Dinitrobenzene	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
Dibenzofuran	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1
3 & 4 Methylphenol	ND		9.7		ug/L		07/12/21 17:03	07/14/21 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	93		39 - 124	07/12/21 17:03	07/14/21 19:22	1
2-Fluorobiphenyl (Surr)	79		32 - 113	07/12/21 17:03	07/14/21 19:22	1
2-Fluorophenol (Surr)	72		26 - 109	07/12/21 17:03	07/14/21 19:22	1
Terphenyl-d14 (Surr)	39		10 - 126	07/12/21 17:03	07/14/21 19:22	1
Phenol-d5 (Surr)	80		27 - 110	07/12/21 17:03	07/14/21 19:22	1
Nitrobenzene-d5 (Surr)	68		32 - 118	07/12/21 17:03	07/14/21 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.049		ug/L		07/14/21 15:09	07/14/21 21:43	1
1,2-Dibromo-3-Chloropropane	ND		0.20		ug/L		07/14/21 15:09	07/14/21 21:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	147	S1+	60 - 144	07/14/21 15:09	07/14/21 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:24	1
Endosulfan sulfate	ND		0.24		ug/L		07/09/21 19:01	07/12/21 19:24	1
PCB-1260	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:24	1
PCB-1254	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:24	1
PCB-1221	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:24	1

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# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWC-12R**

**Lab Sample ID: 680-201134-3**

Date Collected: 07/06/21 12:19

Matrix: Ground Water

Date Received: 07/08/21 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:24	1
PCB-1248	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:24	1
PCB-1016	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:24	1
Kepona	ND		1.5		ug/L		07/09/21 19:01	07/12/21 19:24	1
Aldrin	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:24	1
<b>alpha-BHC</b>	<b>0.24</b>		0.048		ug/L		07/09/21 19:01	07/12/21 19:24	1
beta-BHC	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:24	1
delta-BHC	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:24	1
Endosulfan II	ND		0.24		ug/L		07/09/21 19:01	07/12/21 19:24	1
Isodrin	ND		0.24		ug/L		07/09/21 19:01	07/12/21 19:24	1
4,4'-DDT	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:24	1
PCB-1242	ND		0.48		ug/L		07/09/21 19:01	07/12/21 19:24	1
Chlorobenzilate	ND		1.5		ug/L		07/09/21 19:01	07/12/21 19:24	1
Chlordane (technical)	ND		0.24		ug/L		07/09/21 19:01	07/12/21 19:24	1
gamma-BHC (Lindane)	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:24	1
Dieldrin	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:24	1
Endrin	ND		0.097		ug/L		07/09/21 19:01	07/12/21 19:24	1
Methoxychlor	ND		0.15		ug/L		07/09/21 19:01	07/12/21 19:24	1
4,4'-DDD	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:24	1
4,4'-DDE	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:24	1
Endrin aldehyde	ND		0.097		ug/L		07/09/21 19:01	07/12/21 19:24	1
Heptachlor	ND		0.048		ug/L		07/09/21 19:01	07/12/21 19:24	1
Toxaphene	ND		2.4		ug/L		07/09/21 19:01	07/12/21 19:24	1
Endosulfan I	ND		0.24		ug/L		07/09/21 19:01	07/12/21 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		14 - 130	07/09/21 19:01	07/12/21 19:24	1
Tetrachloro-m-xylene	158	S1+	40 - 130	07/09/21 19:01	07/12/21 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		8.0		ug/L		07/12/21 08:14	07/13/21 22:06	1
Silvex (2,4,5-TP)	ND		1.6		ug/L		07/12/21 08:14	07/13/21 22:06	1
2,4,5-T	ND		1.6		ug/L		07/12/21 08:14	07/13/21 22:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	77		30 - 142	07/12/21 08:14	07/13/21 22:06	1

**Method: 8151A - Herbicides (GC) - RA**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dinoseb	ND		0.80		ug/L		07/12/21 08:14	07/14/21 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:52	1
<b>Barium</b>	<b>0.11</b>		0.020		mg/L		07/09/21 10:22	07/09/21 15:52	1
Antimony	ND		0.0060		mg/L		07/09/21 10:22	07/09/21 15:52	1
Beryllium	ND		0.0030		mg/L		07/09/21 10:22	07/09/21 15:52	1
Cadmium	ND		0.0050		mg/L		07/09/21 10:22	07/09/21 15:52	1
<b>Cobalt</b>	<b>0.12</b>		0.0060		mg/L		07/09/21 10:22	07/09/21 15:52	1
Chromium	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:52	1

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# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWC-12R**

**Lab Sample ID: 680-201134-3**

Date Collected: 07/06/21 12:19

Matrix: Ground Water

Date Received: 07/08/21 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:52	1
Silver	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:52	1
Lead	ND		0.015		mg/L		07/09/21 10:22	07/09/21 15:52	1
<b>Nickel</b>	<b>0.026</b>		0.020		mg/L		07/09/21 10:22	07/09/21 15:52	1
Selenium	ND		0.010		mg/L		07/09/21 10:22	07/09/21 15:52	1
Thallium	ND		0.0020		mg/L		07/09/21 10:22	07/09/21 15:52	1
Tin	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:52	1
Vanadium	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:52	1
Zinc	ND		0.020		mg/L		07/09/21 10:22	07/09/21 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		07/13/21 13:58	07/14/21 13:05	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/09/21 08:21	07/09/21 15:40	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		0.81		mg/L			07/12/21 09:12	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: Trip Blank**

**Lab Sample ID: 680-201134-4**

**Date Collected: 07/06/21 00:00**

**Matrix: Water**

**Date Received: 07/08/21 11:25**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/09/21 18:09	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/09/21 18:09	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/09/21 18:09	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/09/21 18:09	1
1,1-Dichloroethane	ND		2.0		ug/L			07/09/21 18:09	1
1,1-Dichloroethene	ND		2.0		ug/L			07/09/21 18:09	1
1,1-Dichloropropene	ND		2.0		ug/L			07/09/21 18:09	1
1,2,3-Trichloropropane	ND		2.0		ug/L			07/09/21 18:09	1
1,2-Dichlorobenzene	ND		10		ug/L			07/09/21 18:09	1
1,2-Dichloroethane	ND		2.0		ug/L			07/09/21 18:09	1
1,2-Dichloropropane	ND		2.0		ug/L			07/09/21 18:09	1
1,3-Dichlorobenzene	ND		10		ug/L			07/09/21 18:09	1
1,3-Dichloropropane	ND		2.0		ug/L			07/09/21 18:09	1
1,4-Dichlorobenzene	ND		10		ug/L			07/09/21 18:09	1
2,2-Dichloropropane	ND		2.0		ug/L			07/09/21 18:09	1
2-Butanone (MEK)	ND		100		ug/L			07/09/21 18:09	1
2-Chloro-1,3-butadiene	ND		5.0		ug/L			07/09/21 18:09	1
2-Hexanone	ND		50		ug/L			07/09/21 18:09	1
3-Chloro-1-propene	ND		5.0		ug/L			07/09/21 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/09/21 18:09	1
Acetone	ND		100		ug/L			07/09/21 18:09	1
Acetonitrile	ND		40		ug/L			07/09/21 18:09	1
Acrolein	ND		50		ug/L			07/09/21 18:09	1
Acrylonitrile	ND		50		ug/L			07/09/21 18:09	1
Benzene	ND		2.0		ug/L			07/09/21 18:09	1
Bromoform	ND		10		ug/L			07/09/21 18:09	1
Bromomethane	ND		10		ug/L			07/09/21 18:09	1
Carbon disulfide	ND		5.0		ug/L			07/09/21 18:09	1
Carbon tetrachloride	ND		2.0		ug/L			07/09/21 18:09	1
Chlorobenzene	ND		10		ug/L			07/09/21 18:09	1
Chlorobromomethane	ND		10		ug/L			07/09/21 18:09	1
Chlorodibromomethane	ND		10		ug/L			07/09/21 18:09	1
Chloroethane	ND		5.0		ug/L			07/09/21 18:09	1
Chloroform	ND		2.0		ug/L			07/09/21 18:09	1
Chloromethane	ND		10		ug/L			07/09/21 18:09	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/09/21 18:09	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/09/21 18:09	1
Dibromomethane	ND		10		ug/L			07/09/21 18:09	1
Dichlorobromomethane	ND		10		ug/L			07/09/21 18:09	1
Dichlorodifluoromethane	ND		10		ug/L			07/09/21 18:09	1
Ethyl methacrylate	ND		10		ug/L			07/09/21 18:09	1
Ethylbenzene	ND		2.0		ug/L			07/09/21 18:09	1
Iodomethane	ND		100		ug/L			07/09/21 18:09	1
Isobutyl alcohol	ND		100		ug/L			07/09/21 18:09	1
Methacrylonitrile	ND		100		ug/L			07/09/21 18:09	1
Methyl methacrylate	ND		10		ug/L			07/09/21 18:09	1
Methylene Chloride	ND		5.0		ug/L			07/09/21 18:09	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/09/21 18:09	1
o-Xylene	ND		5.0		ug/L			07/09/21 18:09	1

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# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: Trip Blank**

**Lab Sample ID: 680-201134-4**

**Date Collected: 07/06/21 00:00**

**Matrix: Water**

**Date Received: 07/08/21 11:25**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	ND		100		ug/L			07/09/21 18:09	1
Styrene	ND		10		ug/L			07/09/21 18:09	1
Tetrachloroethene	ND		2.0		ug/L			07/09/21 18:09	1
Toluene	ND		2.0		ug/L			07/09/21 18:09	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/09/21 18:09	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/09/21 18:09	1
trans-1,4-Dichloro-2-butene	ND		100		ug/L			07/09/21 18:09	1
Trichloroethene	ND		2.0		ug/L			07/09/21 18:09	1
Trichlorofluoromethane	ND		10		ug/L			07/09/21 18:09	1
Vinyl acetate	ND		100		ug/L			07/09/21 18:09	1
Vinyl chloride	ND		2.0		ug/L			07/09/21 18:09	1
Xylenes, Total	ND		5.0		ug/L			07/09/21 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		70 - 130		07/09/21 18:09	1
1,2-Dichloroethane-d4 (Surr)	88		60 - 124		07/09/21 18:09	1
Dibromofluoromethane (Surr)	98		70 - 130		07/09/21 18:09	1
4-Bromofluorobenzene (Surr)	96		70 - 130		07/09/21 18:09	1

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: MB 680-676036/9**  
**Matrix: Water**  
**Analysis Batch: 676036**

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/09/21 13:56	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/09/21 13:56	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/09/21 13:56	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/09/21 13:56	1
1,1-Dichloroethane	ND		2.0		ug/L			07/09/21 13:56	1
1,1-Dichloroethene	ND		2.0		ug/L			07/09/21 13:56	1
1,1-Dichloropropene	ND		2.0		ug/L			07/09/21 13:56	1
1,2,3-Trichloropropane	ND		2.0		ug/L			07/09/21 13:56	1
1,2-Dichlorobenzene	ND		10		ug/L			07/09/21 13:56	1
1,2-Dichloroethane	ND		2.0		ug/L			07/09/21 13:56	1
1,2-Dichloropropane	ND		2.0		ug/L			07/09/21 13:56	1
1,3-Dichlorobenzene	ND		10		ug/L			07/09/21 13:56	1
1,3-Dichloropropane	ND		2.0		ug/L			07/09/21 13:56	1
1,4-Dichlorobenzene	ND		10		ug/L			07/09/21 13:56	1
2,2-Dichloropropane	ND		2.0		ug/L			07/09/21 13:56	1
2-Butanone (MEK)	ND		100		ug/L			07/09/21 13:56	1
2-Chloro-1,3-butadiene	ND		5.0		ug/L			07/09/21 13:56	1
2-Hexanone	ND		50		ug/L			07/09/21 13:56	1
3-Chloro-1-propene	ND		5.0		ug/L			07/09/21 13:56	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/09/21 13:56	1
Acetone	ND		100		ug/L			07/09/21 13:56	1
Acetonitrile	ND		40		ug/L			07/09/21 13:56	1
Acrolein	ND		50		ug/L			07/09/21 13:56	1
Acrylonitrile	ND		50		ug/L			07/09/21 13:56	1
Benzene	ND		2.0		ug/L			07/09/21 13:56	1
Bromoform	ND		10		ug/L			07/09/21 13:56	1
Bromomethane	ND		10		ug/L			07/09/21 13:56	1
Carbon disulfide	ND		5.0		ug/L			07/09/21 13:56	1
Carbon tetrachloride	ND		2.0		ug/L			07/09/21 13:56	1
Chlorobenzene	ND		10		ug/L			07/09/21 13:56	1
Chlorobromomethane	ND		10		ug/L			07/09/21 13:56	1
Chlorodibromomethane	ND		10		ug/L			07/09/21 13:56	1
Chloroethane	ND		5.0		ug/L			07/09/21 13:56	1
Chloroform	ND		2.0		ug/L			07/09/21 13:56	1
Chloromethane	ND		10		ug/L			07/09/21 13:56	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/09/21 13:56	1
cis-1,3-Dichloropropane	ND		2.0		ug/L			07/09/21 13:56	1
Dibromomethane	ND		10		ug/L			07/09/21 13:56	1
Dichlorobromomethane	ND		10		ug/L			07/09/21 13:56	1
Dichlorodifluoromethane	ND		10		ug/L			07/09/21 13:56	1
Ethyl methacrylate	ND		10		ug/L			07/09/21 13:56	1
Ethylbenzene	ND		2.0		ug/L			07/09/21 13:56	1
Iodomethane	ND		100		ug/L			07/09/21 13:56	1
Isobutyl alcohol	ND		100		ug/L			07/09/21 13:56	1
Methacrylonitrile	ND		100		ug/L			07/09/21 13:56	1
Methyl methacrylate	ND		10		ug/L			07/09/21 13:56	1
Methylene Chloride	ND		5.0		ug/L			07/09/21 13:56	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/09/21 13:56	1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: MB 680-676036/9**  
**Matrix: Water**  
**Analysis Batch: 676036**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.0		ug/L			07/09/21 13:56	1
Propionitrile	ND		100		ug/L			07/09/21 13:56	1
Styrene	ND		10		ug/L			07/09/21 13:56	1
Tetrachloroethene	ND		2.0		ug/L			07/09/21 13:56	1
Toluene	ND		2.0		ug/L			07/09/21 13:56	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/09/21 13:56	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/09/21 13:56	1
trans-1,4-Dichloro-2-butene	ND		100		ug/L			07/09/21 13:56	1
Trichloroethene	ND		2.0		ug/L			07/09/21 13:56	1
Trichlorofluoromethane	ND		10		ug/L			07/09/21 13:56	1
Vinyl acetate	ND		100		ug/L			07/09/21 13:56	1
Vinyl chloride	ND		2.0		ug/L			07/09/21 13:56	1
Xylenes, Total	ND		5.0		ug/L			07/09/21 13:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		70 - 130		07/09/21 13:56	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		07/09/21 13:56	1
Dibromofluoromethane (Surr)	98		70 - 130		07/09/21 13:56	1
4-Bromofluorobenzene (Surr)	102		70 - 130		07/09/21 13:56	1

**Lab Sample ID: LCS 680-676036/4**  
**Matrix: Water**  
**Analysis Batch: 676036**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	52.8		ug/L		106	70 - 130
1,1,1-Trichloroethane	50.0	46.0		ug/L		92	70 - 130
1,1,2,2-Tetrachloroethane	50.0	47.8		ug/L		96	70 - 130
1,1,2-Trichloroethane	50.0	48.6		ug/L		97	70 - 130
1,1-Dichloroethane	50.0	48.8		ug/L		98	70 - 130
1,1-Dichloroethene	50.0	47.6		ug/L		95	70 - 130
1,1-Dichloropropene	50.0	49.2		ug/L		98	70 - 130
1,2,3-Trichloropropane	50.0	45.2		ug/L		90	70 - 130
1,2-Dichlorobenzene	50.0	49.5		ug/L		99	70 - 130
1,2-Dichloroethane	50.0	43.5		ug/L		87	70 - 130
1,2-Dichloropropane	50.0	50.8		ug/L		102	70 - 130
1,3-Dichlorobenzene	50.0	50.2		ug/L		100	70 - 130
1,3-Dichloropropane	50.0	49.2		ug/L		98	70 - 130
1,4-Dichlorobenzene	50.0	49.4		ug/L		99	70 - 130
2,2-Dichloropropane	50.0	47.6		ug/L		95	70 - 130
2-Butanone (MEK)	250	210		ug/L		84	69 - 120
2-Hexanone	250	199		ug/L		80	70 - 130
3-Chloro-1-propene	50.0	47.2		ug/L		94	70 - 130
4-Methyl-2-pentanone (MIBK)	250	204		ug/L		82	68 - 120
Acetone	250	213		ug/L		85	67 - 120
Acrolein	1000	789		ug/L		79	45 - 164
Acrylonitrile	500	429		ug/L		86	70 - 130
Benzene	50.0	49.7		ug/L		99	70 - 130

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: LCS 680-676036/4**  
**Matrix: Water**  
**Analysis Batch: 676036**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	53.1		ug/L		106	69 - 129
Bromomethane	50.0	38.9		ug/L		78	28 - 192
Carbon disulfide	50.0	47.4		ug/L		95	70 - 130
Carbon tetrachloride	50.0	49.2		ug/L		98	70 - 130
Chlorobenzene	50.0	51.0		ug/L		102	70 - 130
Chlorobromomethane	50.0	48.5		ug/L		97	70 - 130
Chlorodibromomethane	50.0	51.4		ug/L		103	70 - 130
Chloroethane	50.0	59.8		ug/L		120	31 - 213
Chloroform	50.0	47.1		ug/L		94	70 - 130
Chloromethane	50.0	48.6		ug/L		97	59 - 127
cis-1,2-Dichloroethene	50.0	49.7		ug/L		99	70 - 130
cis-1,3-Dichloropropene	50.0	50.6		ug/L		101	70 - 130
Dibromomethane	50.0	49.2		ug/L		98	70 - 130
Dichlorobromomethane	50.0	49.2		ug/L		98	70 - 130
Dichlorodifluoromethane	50.0	45.4		ug/L		91	70 - 130
Ethyl methacrylate	50.0	44.9		ug/L		90	70 - 130
Ethylbenzene	50.0	51.1		ug/L		102	70 - 130
Iodomethane	50.0	44.1	J	ug/L		88	52 - 129
Isobutyl alcohol	1250	1090		ug/L		87	46 - 120
Methylene Chloride	50.0	45.7		ug/L		91	70 - 130
m-Xylene & p-Xylene	50.0	53.7		ug/L		107	70 - 130
o-Xylene	50.0	53.6		ug/L		107	70 - 130
Styrene	50.0	52.9		ug/L		106	70 - 130
Tetrachloroethene	50.0	48.6		ug/L		97	70 - 130
Toluene	50.0	48.1		ug/L		96	70 - 130
trans-1,2-Dichloroethene	50.0	48.8		ug/L		98	70 - 130
trans-1,3-Dichloropropene	50.0	48.7		ug/L		97	70 - 130
trans-1,4-Dichloro-2-butene	50.0	43.0	J	ug/L		86	67 - 120
Trichloroethene	50.0	51.2		ug/L		102	70 - 130
Trichlorofluoromethane	50.0	42.3		ug/L		85	63 - 142
Vinyl acetate	100	97.5	J	ug/L		98	67 - 135
Vinyl chloride	50.0	45.4		ug/L		91	66 - 129
Xylenes, Total	100	107		ug/L		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		70 - 130
1,2-Dichloroethane-d4 (Surr)	86		60 - 124
Dibromofluoromethane (Surr)	95		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130

**Lab Sample ID: LCSD 680-676036/5**  
**Matrix: Water**  
**Analysis Batch: 676036**

**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
1,1,1,2-Tetrachloroethane	50.0	51.3		ug/L		103	70 - 130	3	30
1,1,1-Trichloroethane	50.0	46.1		ug/L		92	70 - 130	0	30
1,1,2,2-Tetrachloroethane	50.0	47.9		ug/L		96	70 - 130	0	30

Eurofins TestAmerica, Savannah



# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: LCSD 680-676036/5**  
**Matrix: Water**  
**Analysis Batch: 676036**

**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-Trichloroethane	50.0	50.4		ug/L		101	70 - 130	4	30
1,1-Dichloroethane	50.0	49.0		ug/L		98	70 - 130	0	30
1,1-Dichloroethene	50.0	47.2		ug/L		94	70 - 130	1	20
1,1-Dichloropropene	50.0	49.5		ug/L		99	70 - 130	1	20
1,2,3-Trichloropropane	50.0	46.1		ug/L		92	70 - 130	2	30
1,2-Dichlorobenzene	50.0	49.5		ug/L		99	70 - 130	0	30
1,2-Dichloroethane	50.0	44.6		ug/L		89	70 - 130	3	50
1,2-Dichloropropane	50.0	52.5		ug/L		105	70 - 130	3	20
1,3-Dichlorobenzene	50.0	50.2		ug/L		100	70 - 130	0	30
1,3-Dichloropropane	50.0	50.9		ug/L		102	70 - 130	3	20
1,4-Dichlorobenzene	50.0	49.1		ug/L		98	70 - 130	1	30
2,2-Dichloropropane	50.0	47.5		ug/L		95	70 - 130	0	20
2-Butanone (MEK)	250	221		ug/L		88	69 - 120	5	30
2-Hexanone	250	209		ug/L		84	70 - 130	5	20
3-Chloro-1-propene	50.0	51.7		ug/L		103	70 - 130	9	30
4-Methyl-2-pentanone (MIBK)	250	213		ug/L		85	68 - 120	4	30
Acetone	250	215		ug/L		86	67 - 120	1	30
Acrolein	1000	830		ug/L		83	45 - 164	5	30
Acrylonitrile	500	456		ug/L		91	70 - 130	6	30
Benzene	50.0	50.1		ug/L		100	70 - 130	1	30
Bromoform	50.0	52.8		ug/L		106	69 - 129	1	30
Bromomethane	50.0	40.2		ug/L		80	28 - 192	3	30
Carbon disulfide	50.0	47.0		ug/L		94	70 - 130	1	30
Carbon tetrachloride	50.0	49.7		ug/L		99	70 - 130	1	30
Chlorobenzene	50.0	49.3		ug/L		99	70 - 130	3	30
Chlorobromomethane	50.0	50.8		ug/L		102	70 - 130	5	30
Chlorodibromomethane	50.0	52.6		ug/L		105	70 - 130	2	30
Chloroethane	50.0	59.8		ug/L		120	31 - 213	0	30
Chloroform	50.0	47.5		ug/L		95	70 - 130	1	30
Chloromethane	50.0	48.9		ug/L		98	59 - 127	1	30
cis-1,2-Dichloroethene	50.0	49.9		ug/L		100	70 - 130	0	30
cis-1,3-Dichloropropene	50.0	52.0		ug/L		104	70 - 130	3	20
Dibromomethane	50.0	50.2		ug/L		100	70 - 130	2	30
Dichlorobromomethane	50.0	49.8		ug/L		100	70 - 130	1	30
Dichlorodifluoromethane	50.0	46.1		ug/L		92	70 - 130	2	40
Ethyl methacrylate	50.0	46.9		ug/L		94	70 - 130	4	20
Ethylbenzene	50.0	50.0		ug/L		100	70 - 130	2	20
Iodomethane	50.0	46.2	J	ug/L		92	52 - 129	5	30
Isobutyl alcohol	1250	1140		ug/L		91	46 - 120	4	40
Methylene Chloride	50.0	45.7		ug/L		91	70 - 130	0	30
m-Xylene & p-Xylene	50.0	52.7		ug/L		105	70 - 130	2	30
o-Xylene	50.0	52.8		ug/L		106	70 - 130	2	30
Styrene	50.0	51.3		ug/L		103	70 - 130	3	30
Tetrachloroethene	50.0	49.1		ug/L		98	70 - 130	1	30
Toluene	50.0	49.1		ug/L		98	70 - 130	2	30
trans-1,2-Dichloroethene	50.0	49.0		ug/L		98	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	49.7		ug/L		99	70 - 130	2	30
trans-1,4-Dichloro-2-butene	50.0	43.4	J	ug/L		87	67 - 120	1	30
Trichloroethene	50.0	51.2		ug/L		102	70 - 130	0	30

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: LCSD 680-676036/5**  
**Matrix: Water**  
**Analysis Batch: 676036**

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichlorofluoromethane	50.0	42.2		ug/L		84	63 - 142	0	30
Vinyl acetate	100	102		ug/L		102	67 - 135	5	30
Vinyl chloride	50.0	45.7		ug/L		91	66 - 129	1	30
Xylenes, Total	100	106		ug/L		106	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Toluene-d8 (Surr)	97		70 - 130
1,2-Dichloroethane-d4 (Surr)	89		60 - 124
Dibromofluoromethane (Surr)	96		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

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

**Lab Sample ID: MB 680-676362/4-A**  
**Matrix: Water**  
**Analysis Batch: 676652**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 676362**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		50		ug/L		07/12/21 17:03	07/14/21 16:33	1
4-Nitrophenol	ND		50		ug/L		07/12/21 17:03	07/14/21 16:33	1
Benzyl alcohol	ND		20		ug/L		07/12/21 17:03	07/14/21 16:33	1
N-Nitrosopiperidine	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
4-Bromophenyl phenyl ether	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2,4-Dimethylphenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
N-Nitrosomethylethylamine	ND		20		ug/L		07/12/21 17:03	07/14/21 16:33	1
4-Chloroaniline	ND		20		ug/L		07/12/21 17:03	07/14/21 16:33	1
p-Phenylene diamine	ND		2000		ug/L		07/12/21 17:03	07/14/21 16:33	1
bis (2-chloroisopropyl) ether	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Phenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Bis(2-chloroethyl)ether	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Bis(2-chloroethoxy)methane	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Di-n-octyl phthalate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Hexachlorobenzene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
3,3'-Dimethylbenzidine	ND		20		ug/L		07/12/21 17:03	07/14/21 16:33	1
Anthracene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Isosafrole	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
1,2,4-Trichlorobenzene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2,4-Dichlorophenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2,4-Dinitrotoluene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
alpha,alpha-Dimethyl phenethylamine	ND		2000		ug/L		07/12/21 17:03	07/14/21 16:33	1
o,o',o"-Triethylphosphorothioate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Pyrene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
1,4-Naphthoquinone	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Dimethyl phthalate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
1-Naphthylamine	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Hexachloropropene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Benzo[g,h,i]perylene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: MB 680-676362/4-A**  
**Matrix: Water**  
**Analysis Batch: 676652**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 676362**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzo[b]fluoranthene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Fluoranthene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Benzo[k]fluoranthene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Acenaphthylene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Chrysene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Diallate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Pronamide	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Thionazin	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Methyl parathion	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Phorate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Disulfoton	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Benzo[a]pyrene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2,4-Dinitrophenol	ND		50		ug/L		07/12/21 17:03	07/14/21 16:33	1
Famphur	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
4,6-Dinitro-2-methylphenol	ND		50		ug/L		07/12/21 17:03	07/14/21 16:33	1
Dibenz(a,h)anthracene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2-Acetylaminofluorene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
N-Nitrosodiethylamine	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Ethyl Parathion	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
3-Methylcholanthrene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Benzo[a]anthracene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
7,12-Dimethylbenz(a)anthracene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2,3,4,6-Tetrachlorophenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
4-Chloro-3-methylphenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
p-Dimethylamino azobenzene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Dimethoate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2,6-Dinitrotoluene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Pentachlorobenzene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
N-Nitrosodi-n-propylamine	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Phenacetin	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Ethyl methanesulfonate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
N-Nitrosodimethylamine	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Methyl methanesulfonate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Hexachloroethane	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
4-Chlorophenyl phenyl ether	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Hexachlorocyclopentadiene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Isophorone	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Pentachloronitrobenzene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Acenaphthene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Diethyl phthalate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Di-n-butyl phthalate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Phenanthrene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Butyl benzyl phthalate	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
N-Nitrosodiphenylamine	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Fluorene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2,6-Dichlorophenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Hexachlorobutadiene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Pentachlorophenol	ND		50		ug/L		07/12/21 17:03	07/14/21 16:33	1
2,4,6-Trichlorophenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: MB 680-676362/4-A**  
**Matrix: Water**  
**Analysis Batch: 676652**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 676362**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		50		ug/L		07/12/21 17:03	07/14/21 16:33	1
2-Nitrophenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2-Methylnaphthalene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2-Chloronaphthalene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2-Naphthylamine	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Methapyrilene	ND		2000		ug/L		07/12/21 17:03	07/14/21 16:33	1
3,3'-Dichlorobenzidine	ND		60		ug/L		07/12/21 17:03	07/14/21 16:33	1
N-Nitrosodi-n-butylamine	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
4-Aminobiphenyl	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
N-Nitrosopyrrolidine	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Safrole, Total	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2-Methylphenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2-Toluidine	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2-Chlorophenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
1,2,4,5-Tetrachlorobenzene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
2,4,5-Trichlorophenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Acetophenone	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Nitrobenzene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
3-Nitroaniline	ND		50		ug/L		07/12/21 17:03	07/14/21 16:33	1
1,3,5-Trinitrobenzene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
N-Nitro-o-toluidine	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
1,3-Dinitrobenzene	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
Dibenzofuran	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1
3 & 4 Methylphenol	ND		10		ug/L		07/12/21 17:03	07/14/21 16:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		39 - 124	07/12/21 17:03	07/14/21 16:33	1
2-Fluorobiphenyl (Surr)	87		32 - 113	07/12/21 17:03	07/14/21 16:33	1
2-Fluorophenol (Surr)	70		26 - 109	07/12/21 17:03	07/14/21 16:33	1
Terphenyl-d14 (Surr)	95		10 - 126	07/12/21 17:03	07/14/21 16:33	1
Phenol-d5 (Surr)	73		27 - 110	07/12/21 17:03	07/14/21 16:33	1
Nitrobenzene-d5 (Surr)	82		32 - 118	07/12/21 17:03	07/14/21 16:33	1

**Lab Sample ID: LCS 680-676362/5-A**  
**Matrix: Water**  
**Analysis Batch: 676652**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 676362**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4-Nitroaniline	100	86.5		ug/L		86	49 - 130
4-Nitrophenol	200	179		ug/L		90	44 - 130
Benzyl alcohol	100	77.3		ug/L		77	29 - 130
4-Bromophenyl phenyl ether	100	89.4		ug/L		89	47 - 130
2,4-Dimethylphenol	100	81.2		ug/L		81	37 - 130
4-Chloroaniline	100	79.5		ug/L		79	42 - 130
bis (2-chloroisopropyl) ether	100	71.3		ug/L		71	26 - 130
Phenol	100	70.4		ug/L		70	35 - 130
Bis(2-chloroethyl)ether	100	68.4		ug/L		68	32 - 130
Bis(2-chloroethoxy)methane	100	79.1		ug/L		79	47 - 130

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: LCS 680-676362/5-A**

**Matrix: Water**

**Analysis Batch: 676652**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 676362**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	100	96.3		ug/L		96	45 - 130
Di-n-octyl phthalate	100	97.6		ug/L		98	42 - 130
Hexachlorobenzene	100	87.9		ug/L		88	43 - 130
Anthracene	100	87.0		ug/L		87	49 - 130
1,2,4-Trichlorobenzene	100	62.3		ug/L		62	33 - 130
2,4-Dichlorophenol	100	84.7		ug/L		85	44 - 130
2,4-Dinitrotoluene	100	91.8		ug/L		92	52 - 130
Pyrene	100	96.3		ug/L		96	52 - 130
Dimethyl phthalate	100	86.3		ug/L		86	53 - 130
Benzo[g,h,i]perylene	100	94.2		ug/L		94	41 - 130
Indeno[1,2,3-cd]pyrene	100	89.4		ug/L		89	31 - 130
Benzo[b]fluoranthene	100	97.9		ug/L		98	43 - 130
Fluoranthene	100	92.5		ug/L		92	47 - 130
Benzo[k]fluoranthene	100	94.1		ug/L		94	40 - 130
Acenaphthylene	100	91.1		ug/L		91	48 - 130
Chrysene	100	94.2		ug/L		94	47 - 130
Benzo[a]pyrene	100	104		ug/L		104	44 - 130
2,4-Dinitrophenol	200	175		ug/L		88	31 - 130
4,6-Dinitro-2-methylphenol	200	194		ug/L		97	42 - 130
Dibenz(a,h)anthracene	100	93.2		ug/L		93	41 - 130
Benzo[a]anthracene	100	97.4		ug/L		97	44 - 130
2,3,4,6-Tetrachlorophenol	100	92.4		ug/L		92	53 - 130
4-Chloro-3-methylphenol	100	84.6		ug/L		85	47 - 130
2,6-Dinitrotoluene	100	87.3		ug/L		87	52 - 130
N-Nitrosodi-n-propylamine	100	81.7		ug/L		82	42 - 130
N-Nitrosodimethylamine	100	79.9		ug/L		80	32 - 130
Hexachloroethane	100	57.0		ug/L		57	29 - 130
4-Chlorophenyl phenyl ether	100	89.1		ug/L		89	45 - 130
Hexachlorocyclopentadiene	100	45.0		ug/L		45	11 - 130
Isophorone	100	83.3		ug/L		83	47 - 130
Acenaphthene	100	85.8		ug/L		86	48 - 130
Diethyl phthalate	100	90.6		ug/L		91	53 - 130
Di-n-butyl phthalate	100	94.7		ug/L		95	51 - 130
Phenanthrene	100	88.2		ug/L		88	51 - 130
Butyl benzyl phthalate	100	96.1		ug/L		96	50 - 130
N-Nitrosodiphenylamine	100	87.7		ug/L		88	50 - 130
Fluorene	100	85.9		ug/L		86	50 - 130
2,6-Dichlorophenol	100	83.7		ug/L		84	42 - 130
Hexachlorobutadiene	100	61.1		ug/L		61	27 - 130
Pentachlorophenol	200	230		ug/L		115	33 - 130
2,4,6-Trichlorophenol	100	89.2		ug/L		89	47 - 130
2-Nitroaniline	100	85.8		ug/L		86	51 - 130
2-Nitrophenol	100	78.8		ug/L		79	43 - 130
2-Methylnaphthalene	100	74.5		ug/L		75	40 - 130
2-Chloronaphthalene	100	82.3		ug/L		82	44 - 130
3,3'-Dichlorobenzidine	100	93.8		ug/L		94	46 - 130
2-Methylphenol	100	77.3		ug/L		77	40 - 130
2-Chlorophenol	100	74.7		ug/L		75	39 - 130
1,2,4,5-Tetrachlorobenzene	100	81.2		ug/L		81	39 - 130

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: LCS 680-676362/5-A**  
**Matrix: Water**  
**Analysis Batch: 676652**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 676362**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	100	90.2		ug/L		90	48 - 130
Acetophenone	100	81.8		ug/L		82	44 - 130
Nitrobenzene	100	78.7		ug/L		79	43 - 130
3-Nitroaniline	100	87.4		ug/L		87	53 - 130
Dibenzofuran	100	86.3		ug/L		86	50 - 130
3 & 4 Methylphenol	100	76.8		ug/L		77	42 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	87		39 - 124
2-Fluorobiphenyl (Surr)	84		32 - 113
2-Fluorophenol (Surr)	63		26 - 109
Terphenyl-d14 (Surr)	95		10 - 126
Phenol-d5 (Surr)	67		27 - 110
Nitrobenzene-d5 (Surr)	76		32 - 118

**Lab Sample ID: LCS 680-676362/7-A**  
**Matrix: Water**  
**Analysis Batch: 676652**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 676362**

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	87		39 - 124
2-Fluorobiphenyl (Surr)	85		32 - 113
2-Fluorophenol (Surr)	69		26 - 109
Terphenyl-d14 (Surr)	97		10 - 126
Phenol-d5 (Surr)	75		27 - 110
Nitrobenzene-d5 (Surr)	79		32 - 118

**Lab Sample ID: LCSD 680-676362/6-A**  
**Matrix: Water**  
**Analysis Batch: 676652**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 676362**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitroaniline	100	85.1		ug/L		85	49 - 130	2	50
4-Nitrophenol	200	171		ug/L		85	44 - 130	5	50
Benzyl alcohol	100	77.4		ug/L		77	29 - 130	0	50
4-Bromophenyl phenyl ether	100	91.3		ug/L		91	47 - 130	2	50
2,4-Dimethylphenol	100	82.5		ug/L		82	37 - 130	1	50
4-Chloroaniline	100	78.6		ug/L		79	42 - 130	1	50
bis (2-chloroisopropyl) ether	100	71.7		ug/L		72	26 - 130	1	50
Phenol	100	67.1		ug/L		67	35 - 130	5	50
Bis(2-chloroethyl)ether	100	75.4		ug/L		75	32 - 130	10	50
Bis(2-chloroethoxy)methane	100	80.6		ug/L		81	47 - 130	2	50
Bis(2-ethylhexyl) phthalate	100	94.2		ug/L		94	45 - 130	2	50
Di-n-octyl phthalate	100	93.8		ug/L		94	42 - 130	4	50
Hexachlorobenzene	100	91.8		ug/L		92	43 - 130	4	50
Anthracene	100	88.2		ug/L		88	49 - 130	1	50
1,2,4-Trichlorobenzene	100	64.5		ug/L		64	33 - 130	4	50
2,4-Dichlorophenol	100	86.6		ug/L		87	44 - 130	2	50

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# QC Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: LCSD 680-676362/6-A**  
**Matrix: Water**  
**Analysis Batch: 676652**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 676362**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	RPD Limit
							Limits	RPD		
2,4-Dinitrotoluene	100	87.9		ug/L		88	52 - 130	4	50	
Pyrene	100	95.5		ug/L		95	52 - 130	1	50	
Dimethyl phthalate	100	85.6		ug/L		86	53 - 130	1	50	
Benzo[g,h,i]perylene	100	89.3		ug/L		89	41 - 130	5	50	
Indeno[1,2,3-cd]pyrene	100	84.4		ug/L		84	31 - 130	6	50	
Benzo[b]fluoranthene	100	93.7		ug/L		94	43 - 130	4	50	
Fluoranthene	100	90.8		ug/L		91	47 - 130	2	50	
Benzo[k]fluoranthene	100	94.4		ug/L		94	40 - 130	0	50	
Acenaphthylene	100	90.1		ug/L		90	48 - 130	1	50	
Chrysene	100	92.3		ug/L		92	47 - 130	2	50	
Benzo[a]pyrene	100	101		ug/L		101	44 - 130	3	50	
2,4-Dinitrophenol	200	177		ug/L		88	31 - 130	1	50	
4,6-Dinitro-2-methylphenol	200	196		ug/L		98	42 - 130	1	50	
Dibenz(a,h)anthracene	100	90.2		ug/L		90	41 - 130	3	50	
Benzo[a]anthracene	100	94.2		ug/L		94	44 - 130	3	50	
2,3,4,6-Tetrachlorophenol	100	89.0		ug/L		89	53 - 130	4	50	
4-Chloro-3-methylphenol	100	83.6		ug/L		84	47 - 130	1	50	
2,6-Dinitrotoluene	100	84.1		ug/L		84	52 - 130	4	50	
N-Nitrosodi-n-propylamine	100	78.2		ug/L		78	42 - 130	4	50	
N-Nitrosodimethylamine	100	79.1		ug/L		79	32 - 130	1	50	
Hexachloroethane	100	57.3		ug/L		57	29 - 130	0	50	
4-Chlorophenyl phenyl ether	100	87.0		ug/L		87	45 - 130	2	50	
Hexachlorocyclopentadiene	100	46.3		ug/L		46	11 - 130	3	50	
Isophorone	100	82.9		ug/L		83	47 - 130	1	50	
Acenaphthene	100	87.2		ug/L		87	48 - 130	2	50	
Diethyl phthalate	100	87.9		ug/L		88	53 - 130	3	50	
Di-n-butyl phthalate	100	93.6		ug/L		94	51 - 130	1	50	
Phenanthrene	100	90.5		ug/L		91	51 - 130	3	50	
Butyl benzyl phthalate	100	94.6		ug/L		95	50 - 130	2	50	
N-Nitrosodiphenylamine	100	88.7		ug/L		89	50 - 130	1	50	
Fluorene	100	85.9		ug/L		86	50 - 130	0	50	
2,6-Dichlorophenol	100	81.3		ug/L		81	42 - 130	3	50	
Hexachlorobutadiene	100	61.0		ug/L		61	27 - 130	0	50	
Pentachlorophenol	200	226		ug/L		113	33 - 130	2	50	
2,4,6-Trichlorophenol	100	86.9		ug/L		87	47 - 130	3	50	
2-Nitroaniline	100	84.7		ug/L		85	51 - 130	1	50	
2-Nitrophenol	100	81.3		ug/L		81	43 - 130	3	50	
2-Methylnaphthalene	100	75.0		ug/L		75	40 - 130	1	50	
2-Chloronaphthalene	100	80.9		ug/L		81	44 - 130	2	50	
3,3'-Dichlorobenzidine	100	100		ug/L		100	46 - 130	6	50	
2-Methylphenol	100	75.3		ug/L		75	40 - 130	3	50	
2-Chlorophenol	100	72.7		ug/L		73	39 - 130	3	50	
1,2,4,5-Tetrachlorobenzene	100	80.2		ug/L		80	39 - 130	1	50	
2,4,5-Trichlorophenol	100	88.2		ug/L		88	48 - 130	2	50	
Acetophenone	100	82.4		ug/L		82	44 - 130	1	50	
Nitrobenzene	100	77.5		ug/L		77	43 - 130	1	50	
3-Nitroaniline	100	86.9		ug/L		87	53 - 130	1	50	
Dibenzofuran	100	85.0		ug/L		85	50 - 130	2	50	
3 & 4 Methylphenol	100	75.6		ug/L		76	42 - 130	2	50	

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	83		39 - 124
2-Fluorobiphenyl (Surr)	83		32 - 113
2-Fluorophenol (Surr)	63		26 - 109
Terphenyl-d14 (Surr)	91		10 - 126
Phenol-d5 (Surr)	65		27 - 110
Nitrobenzene-d5 (Surr)	78		32 - 118

Lab Sample ID: LCSD 680-676362/8-A  
Matrix: Water  
Analysis Batch: 676652

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 676362

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	91		39 - 124
2-Fluorobiphenyl (Surr)	90		32 - 113
2-Fluorophenol (Surr)	70		26 - 109
Terphenyl-d14 (Surr)	95		10 - 126
Phenol-d5 (Surr)	72		27 - 110
Nitrobenzene-d5 (Surr)	82		32 - 118

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

Lab Sample ID: MB 680-676674/3-A  
Matrix: Water  
Analysis Batch: 676707

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 676674

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Ethylene Dibromide	ND		0.050		ug/L		07/14/21 15:09	07/14/21 17:38	1
1,2-Dibromo-3-Chloropropane	ND		0.20		ug/L		07/14/21 15:09	07/14/21 17:38	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Pentachloroethane	99		60 - 144	07/14/21 15:09	07/14/21 17:38	1

Lab Sample ID: LCS 680-676674/4-A  
Matrix: Water  
Analysis Batch: 676707

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 676674

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Ethylene Dibromide	0.100	0.100		ug/L		100	66 - 126
1,2-Dibromo-3-Chloropropane	0.100	0.0968	J	ug/L		97	70 - 148

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Pentachloroethane	96		60 - 144

Lab Sample ID: LCSD 680-676674/5-A  
Matrix: Water  
Analysis Batch: 676707

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 676674

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec. Limits	RPD	
		Result	Qualifier					RPD	Limit
Ethylene Dibromide	0.100	0.0986		ug/L		99	66 - 126	1	30
1,2-Dibromo-3-Chloropropane	0.100	0.0973	J	ug/L		97	70 - 148	1	30

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# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

Lab Sample ID: LCSD 680-676674/5-A  
Matrix: Water  
Analysis Batch: 676707

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 676674

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Pentachloroethane	98		60 - 144

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

Lab Sample ID: MB 680-676137/6-A  
Matrix: Water  
Analysis Batch: 676321

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 676137

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Heptachlor epoxide	ND		0.050		ug/L		07/09/21 19:01	07/12/21 16:04	1
Endosulfan sulfate	ND		0.25		ug/L		07/09/21 19:01	07/12/21 16:04	1
PCB-1260	ND		0.50		ug/L		07/09/21 19:01	07/12/21 16:04	1
PCB-1254	ND		0.50		ug/L		07/09/21 19:01	07/12/21 16:04	1
PCB-1221	ND		0.50		ug/L		07/09/21 19:01	07/12/21 16:04	1
PCB-1232	ND		0.50		ug/L		07/09/21 19:01	07/12/21 16:04	1
PCB-1248	ND		0.50		ug/L		07/09/21 19:01	07/12/21 16:04	1
PCB-1016	ND		0.50		ug/L		07/09/21 19:01	07/12/21 16:04	1
Kepone	ND		1.5		ug/L		07/09/21 19:01	07/12/21 16:04	1
Aldrin	ND		0.050		ug/L		07/09/21 19:01	07/12/21 16:04	1
alpha-BHC	ND		0.050		ug/L		07/09/21 19:01	07/12/21 16:04	1
beta-BHC	ND		0.050		ug/L		07/09/21 19:01	07/12/21 16:04	1
delta-BHC	ND		0.050		ug/L		07/09/21 19:01	07/12/21 16:04	1
Endosulfan II	ND		0.25		ug/L		07/09/21 19:01	07/12/21 16:04	1
Isodrin	ND		0.25		ug/L		07/09/21 19:01	07/12/21 16:04	1
4,4'-DDT	ND		0.050		ug/L		07/09/21 19:01	07/12/21 16:04	1
PCB-1242	ND		0.50		ug/L		07/09/21 19:01	07/12/21 16:04	1
Chlorobenzilate	ND		1.5		ug/L		07/09/21 19:01	07/12/21 16:04	1
Chlordane (technical)	ND		0.25		ug/L		07/09/21 19:01	07/12/21 16:04	1
gamma-BHC (Lindane)	ND		0.050		ug/L		07/09/21 19:01	07/12/21 16:04	1
Dieldrin	ND		0.050		ug/L		07/09/21 19:01	07/12/21 16:04	1
Endrin	ND		0.10		ug/L		07/09/21 19:01	07/12/21 16:04	1
Methoxychlor	ND		0.15		ug/L		07/09/21 19:01	07/12/21 16:04	1
4,4'-DDD	ND		0.050		ug/L		07/09/21 19:01	07/12/21 16:04	1
4,4'-DDE	ND		0.050		ug/L		07/09/21 19:01	07/12/21 16:04	1
Endrin aldehyde	ND		0.10		ug/L		07/09/21 19:01	07/12/21 16:04	1
Heptachlor	ND		0.050		ug/L		07/09/21 19:01	07/12/21 16:04	1
Toxaphene	ND		2.5		ug/L		07/09/21 19:01	07/12/21 16:04	1
Endosulfan I	ND		0.25		ug/L		07/09/21 19:01	07/12/21 16:04	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	63		14 - 130	07/09/21 19:01	07/12/21 16:04	1
Tetrachloro-m-xylene	78		40 - 130	07/09/21 19:01	07/12/21 16:04	1

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: LCS 680-676137/7-A**  
**Matrix: Water**  
**Analysis Batch: 676321**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 676137**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Heptachlor epoxide	0.0500	0.0483	J	ug/L		97	52 - 130
Endosulfan sulfate	0.0500	0.0543	J	ug/L		109	49 - 139
Aldrin	0.0500	0.0405	J	ug/L		81	34 - 130
alpha-BHC	0.0500	0.0476	J	ug/L		95	48 - 130
beta-BHC	0.0500	0.0501		ug/L		100	29 - 174
delta-BHC	0.0500	0.0513		ug/L		103	44 - 142
Endosulfan II	0.0500	0.0548	J	ug/L		110	44 - 137
4,4'-DDT	0.0500	0.0582		ug/L		116	47 - 134
gamma-BHC (Lindane)	0.0500	0.0495	J	ug/L		99	52 - 130
Dieldrin	0.0500	0.0514		ug/L		103	54 - 130
Endrin	0.0500	0.0489	J	ug/L		98	59 - 143
Methoxychlor	0.0500	0.0616	J	ug/L		123	52 - 136
4,4'-DDD	0.0500	0.0513		ug/L		103	54 - 135
4,4'-DDE	0.0500	0.0472	J	ug/L		94	47 - 130
Endrin aldehyde	0.0500	0.0635	J	ug/L		127	45 - 166
Heptachlor	0.0500	0.0415	J	ug/L		83	35 - 130
Endosulfan I	0.0500	0.0485	J	ug/L		97	40 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	90		14 - 130
Tetrachloro-m-xylene	80		40 - 130

**Lab Sample ID: LCS 680-676137/9-A**  
**Matrix: Water**  
**Analysis Batch: 676321**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 676137**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	3.00	2.42		ug/L		81	35 - 130
PCB-1016	3.00	2.40		ug/L		80	44 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	81		14 - 130
Tetrachloro-m-xylene	68		40 - 130

**Lab Sample ID: LCSD 680-676137/10-A**  
**Matrix: Water**  
**Analysis Batch: 676321**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 676137**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1260	3.00	2.54		ug/L		85	35 - 130	5	40
PCB-1016	3.00	2.47		ug/L		82	44 - 130	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	80		14 - 130
Tetrachloro-m-xylene	76		40 - 130

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

Lab Sample ID: LCSD 680-676137/8-A  
Matrix: Water  
Analysis Batch: 676321

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 676137

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Heptachlor epoxide	0.0500	0.0511		ug/L		102	52 - 130	6	30
Endosulfan sulfate	0.0500	0.0530	J	ug/L		106	49 - 139	2	30
Aldrin	0.0500	0.0412	J	ug/L		82	34 - 130	2	50
alpha-BHC	0.0500	0.0502		ug/L		100	48 - 130	5	30
beta-BHC	0.0500	0.0519		ug/L		104	29 - 174	4	50
delta-BHC	0.0500	0.0533		ug/L		107	44 - 142	4	40
Endosulfan II	0.0500	0.0533	J	ug/L		107	44 - 137	3	40
4,4'-DDT	0.0500	0.0596		ug/L		119	47 - 134	2	40
gamma-BHC (Lindane)	0.0500	0.0524		ug/L		105	52 - 130	6	30
Dieldrin	0.0500	0.0532		ug/L		106	54 - 130	3	40
Endrin	0.0500	0.0525	J	ug/L		105	59 - 143	7	30
Methoxychlor	0.0500	0.0605	J	ug/L		121	52 - 136	2	30
4,4'-DDD	0.0500	0.0530		ug/L		106	54 - 135	3	40
4,4'-DDE	0.0500	0.0496	J	ug/L		99	47 - 130	5	30
Endrin aldehyde	0.0500	0.0600	J	ug/L		120	45 - 166	6	50
Heptachlor	0.0500	0.0426	J	ug/L		85	35 - 130	2	30
Endosulfan I	0.0500	0.0500	J	ug/L		100	40 - 131	3	40

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
DCB Decachlorobiphenyl	87		14 - 130
Tetrachloro-m-xylene	79		40 - 130

## Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 400-538950/1-A  
Matrix: Water  
Analysis Batch: 539173

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 538950

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		8.0		ug/L		07/12/21 08:14	07/13/21 18:43	1
Silvex (2,4,5-TP)	ND		1.6		ug/L		07/12/21 08:14	07/13/21 18:43	1
2,4,5-T	ND		1.6		ug/L		07/12/21 08:14	07/13/21 18:43	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	65		30 - 142	07/12/21 08:14	07/13/21 18:43	1

Lab Sample ID: LCS 400-538950/2-A  
Matrix: Water  
Analysis Batch: 539173

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 538950

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	9.91	8.34		ug/L		84	27 - 123
Dinoseb	10.0	6.42		ug/L		64	20 - 110
Silvex (2,4,5-TP)	10.1	7.50		ug/L		75	25 - 122
2,4,5-T	10.0	8.75		ug/L		87	30 - 124

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# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: LCS 400-538950/2-A**  
**Matrix: Water**  
**Analysis Batch: 539173**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 538950**

Surrogate	LCS		Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	57		30 - 142

**Lab Sample ID: LCSD 400-538950/3-A**  
**Matrix: Water**  
**Analysis Batch: 539173**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 538950**

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec.		RPD	Limit
		Result	Qualifier				Limits	RPD		
2,4-D	9.91	8.17		ug/L		82	27 - 123	2	40	
Dinoseb	10.0	6.49		ug/L		65	20 - 110	1	40	
Silvex (2,4,5-TP)	10.1	7.30		ug/L		73	25 - 122	3	40	
2,4,5-T	10.0	8.67		ug/L		87	30 - 124	1	40	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	56		30 - 142

## Method: 8151A - Herbicides (GC) - RA

**Lab Sample ID: MB 400-538950/1-A**  
**Matrix: Water**  
**Analysis Batch: 539332**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 538950**

Analyte	MB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
Dinoseb - RA	ND		0.80		ug/L		07/12/21 08:14	07/14/21 15:25			1

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

**Lab Sample ID: MB 680-676055/1-A**  
**Matrix: Water**  
**Analysis Batch: 676187**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 676055**

Analyte	MB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
Arsenic	ND		0.010		mg/L		07/09/21 10:21	07/09/21 15:24			1
Barium	ND		0.020		mg/L		07/09/21 10:21	07/09/21 15:24			1
Antimony	ND		0.0060		mg/L		07/09/21 10:21	07/09/21 15:24			1
Beryllium	ND		0.0030		mg/L		07/09/21 10:21	07/09/21 15:24			1
Cadmium	ND		0.0050		mg/L		07/09/21 10:21	07/09/21 15:24			1
Cobalt	ND		0.0060		mg/L		07/09/21 10:21	07/09/21 15:24			1
Chromium	ND		0.010		mg/L		07/09/21 10:21	07/09/21 15:24			1
Copper	ND		0.020		mg/L		07/09/21 10:21	07/09/21 15:24			1
Silver	ND		0.010		mg/L		07/09/21 10:21	07/09/21 15:24			1
Lead	ND		0.015		mg/L		07/09/21 10:21	07/09/21 15:24			1
Nickel	ND		0.020		mg/L		07/09/21 10:21	07/09/21 15:24			1
Selenium	ND		0.010		mg/L		07/09/21 10:21	07/09/21 15:24			1
Thallium	ND		0.0020		mg/L		07/09/21 10:21	07/09/21 15:24			1
Tin	ND		0.020		mg/L		07/09/21 10:21	07/09/21 15:24			1
Vanadium	ND		0.020		mg/L		07/09/21 10:21	07/09/21 15:24			1
Zinc	ND		0.020		mg/L		07/09/21 10:21	07/09/21 15:24			1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

**Lab Sample ID: LCS 680-676055/2-A**  
**Matrix: Water**  
**Analysis Batch: 676187**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 676055**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	0.100	0.104		mg/L		104	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Antimony	0.0500	0.0552		mg/L		110	80 - 120
Beryllium	0.0500	0.0561		mg/L		112	80 - 120
Cadmium	0.0500	0.0530		mg/L		106	80 - 120
Cobalt	0.0500	0.0535		mg/L		107	80 - 120
Chromium	0.100	0.106		mg/L		106	80 - 120
Copper	0.0991	0.107		mg/L		108	80 - 120
Silver	0.0500	0.0528		mg/L		106	80 - 120
Lead	0.505	0.533		mg/L		106	80 - 120
Nickel	0.0990	0.108		mg/L		110	80 - 120
Selenium	0.100	0.103		mg/L		102	80 - 120
Thallium	0.0400	0.0411		mg/L		103	80 - 120
Tin	0.0999	0.104		mg/L		104	80 - 120
Vanadium	0.0998	0.104		mg/L		104	80 - 120
Zinc	0.100	0.107		mg/L		107	80 - 120

**Lab Sample ID: 680-201134-1 MS**  
**Matrix: Ground Water**  
**Analysis Batch: 676187**

**Client Sample ID: GWA-1**  
**Prep Type: Total Recoverable**  
**Prep Batch: 676055**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	ND		0.100	0.102		mg/L		102	75 - 125
Barium	ND		0.100	0.112		mg/L		103	75 - 125
Antimony	ND		0.0500	0.0538		mg/L		108	75 - 125
Beryllium	ND		0.0500	0.0546		mg/L		109	75 - 125
Cadmium	ND		0.0500	0.0518		mg/L		104	75 - 125
Cobalt	ND		0.0500	0.0522		mg/L		104	75 - 125
Chromium	ND		0.100	0.104		mg/L		104	75 - 125
Copper	ND		0.0991	0.104		mg/L		105	75 - 125
Silver	ND		0.0500	0.0512		mg/L		102	75 - 125
Lead	ND		0.505	0.527		mg/L		104	75 - 125
Nickel	ND		0.0990	0.107		mg/L		108	75 - 125
Selenium	ND		0.100	0.101		mg/L		100	75 - 125
Thallium	ND		0.0400	0.0400		mg/L		100	75 - 125
Tin	ND		0.0999	0.102		mg/L		102	75 - 125
Vanadium	ND		0.0998	0.102		mg/L		102	75 - 125
Zinc	ND		0.100	0.106		mg/L		106	75 - 125

**Lab Sample ID: 680-201134-1 MSD**  
**Matrix: Ground Water**  
**Analysis Batch: 676187**

**Client Sample ID: GWA-1**  
**Prep Type: Total Recoverable**  
**Prep Batch: 676055**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	ND		0.100	0.101		mg/L		101	75 - 125	0	20
Barium	ND		0.100	0.108		mg/L		99	75 - 125	4	20
Antimony	ND		0.0500	0.0526		mg/L		105	75 - 125	2	20
Beryllium	ND		0.0500	0.0544		mg/L		109	75 - 125	0	20
Cadmium	ND		0.0500	0.0504		mg/L		101	75 - 125	3	20

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# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

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

Lab Sample ID: 680-201134-1 MSD  
Matrix: Ground Water  
Analysis Batch: 676187

Client Sample ID: GWA-1  
Prep Type: Total Recoverable  
Prep Batch: 676055

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	ND		0.0500	0.0516		mg/L		103	75 - 125	1	20
Chromium	ND		0.100	0.103		mg/L		103	75 - 125	1	20
Copper	ND		0.0991	0.104		mg/L		105	75 - 125	1	20
Silver	ND		0.0500	0.0506		mg/L		101	75 - 125	1	20
Lead	ND		0.505	0.507		mg/L		100	75 - 125	4	20
Nickel	ND		0.0990	0.106		mg/L		107	75 - 125	1	20
Selenium	ND		0.100	0.101		mg/L		100	75 - 125	0	20
Thallium	ND		0.0400	0.0387		mg/L		97	75 - 125	3	20
Tin	ND		0.0999	0.100		mg/L		100	75 - 125	2	20
Vanadium	ND		0.0998	0.101		mg/L		101	75 - 125	1	20
Zinc	ND		0.100	0.105		mg/L		105	75 - 125	1	20

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-676514/1-A  
Matrix: Water  
Analysis Batch: 676697

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 676514

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050		mg/L		07/13/21 13:58	07/14/21 12:44	1

Lab Sample ID: LCS 680-676514/2-A  
Matrix: Water  
Analysis Batch: 676697

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 676514

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00234		mg/L		93	80 - 120

Lab Sample ID: 680-201134-2 MS  
Matrix: Ground Water  
Analysis Batch: 676697

Client Sample ID: GWA-2  
Prep Type: Total/NA  
Prep Batch: 676514

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00100	0.000922		mg/L		92	80 - 120

Lab Sample ID: 680-201134-2 MSD  
Matrix: Ground Water  
Analysis Batch: 676697

Client Sample ID: GWA-2  
Prep Type: Total/NA  
Prep Batch: 676514

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.000965		mg/L		97	80 - 120	5	20

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

Lab Sample ID: MB 680-675997/12-A  
Matrix: Water  
Analysis Batch: 676136

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 675997

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/09/21 08:21	07/09/21 15:28	1

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# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

## Method: 335.4-1993 R1.0 - Cyanide, Total (Continued)

**Lab Sample ID: LCS 680-675997/13-A**  
**Matrix: Water**  
**Analysis Batch: 676136**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 675997**  
**%Rec.**

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

**Lab Sample ID: 680-201134-1 MS**  
**Matrix: Ground Water**  
**Analysis Batch: 676136**

**Client Sample ID: GWA-1**  
**Prep Type: Total/NA**  
**Prep Batch: 675997**  
**%Rec.**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Cyanide, Total	ND		0.0500	0.0551		mg/L		110	90 - 110

**Lab Sample ID: 680-201134-1 MSD**  
**Matrix: Ground Water**  
**Analysis Batch: 676136**

**Client Sample ID: GWA-1**  
**Prep Type: Total/NA**  
**Prep Batch: 675997**  
**%Rec.**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Cyanide, Total	ND		0.0500	0.0548		mg/L		110	90 - 110	1	20

## Method: 4500 S2 F-2011 - Sulfide, Total

**Lab Sample ID: MB 680-676239/1**  
**Matrix: Water**  
**Analysis Batch: 676239**

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0		mg/L			07/12/21 09:12	1

**Lab Sample ID: LCS 680-676239/2**  
**Matrix: Water**  
**Analysis Batch: 676239**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Sulfide	10.0	11.6		mg/L		116	75 - 125

**Lab Sample ID: LCSD 680-676239/3**  
**Matrix: Water**  
**Analysis Batch: 676239**

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Sulfide	10.0	11.7		mg/L		117	75 - 125	1	30



# QC Association Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

## GC/MS VOA

### Analysis Batch: 676036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	8260C	
680-201134-2	GWA-2	Total/NA	Ground Water	8260C	
680-201134-3	GWC-12R	Total/NA	Ground Water	8260C	
680-201134-4	Trip Blank	Total/NA	Water	8260C	
MB 680-676036/9	Method Blank	Total/NA	Water	8260C	
LCS 680-676036/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 680-676036/5	Lab Control Sample Dup	Total/NA	Water	8260C	

## GC/MS Semi VOA

### Prep Batch: 676362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	3520C	
680-201134-2	GWA-2	Total/NA	Ground Water	3520C	
680-201134-3	GWC-12R	Total/NA	Ground Water	3520C	
MB 680-676362/4-A	Method Blank	Total/NA	Water	3520C	
LCS 680-676362/5-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-676362/7-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-676362/6-A	Lab Control Sample Dup	Total/NA	Water	3520C	
LCSD 680-676362/8-A	Lab Control Sample Dup	Total/NA	Water	3520C	

### Analysis Batch: 676652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	8270D	676362
680-201134-2	GWA-2	Total/NA	Ground Water	8270D	676362
680-201134-3	GWC-12R	Total/NA	Ground Water	8270D	676362
MB 680-676362/4-A	Method Blank	Total/NA	Water	8270D	676362
LCS 680-676362/5-A	Lab Control Sample	Total/NA	Water	8270D	676362
LCS 680-676362/7-A	Lab Control Sample	Total/NA	Water	8270D	676362
LCSD 680-676362/6-A	Lab Control Sample Dup	Total/NA	Water	8270D	676362
LCSD 680-676362/8-A	Lab Control Sample Dup	Total/NA	Water	8270D	676362

## GC Semi VOA

### Prep Batch: 538950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	8151A	
680-201134-1 - RA	GWA-1	Total/NA	Ground Water	8151A	
680-201134-2	GWA-2	Total/NA	Ground Water	8151A	
680-201134-2 - RA	GWA-2	Total/NA	Ground Water	8151A	
680-201134-3 - RA	GWC-12R	Total/NA	Ground Water	8151A	
680-201134-3	GWC-12R	Total/NA	Ground Water	8151A	
MB 400-538950/1-A	Method Blank	Total/NA	Water	8151A	
MB 400-538950/1-A - RA	Method Blank	Total/NA	Water	8151A	
LCS 400-538950/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 400-538950/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	

### Analysis Batch: 539173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	8151A	538950
680-201134-2	GWA-2	Total/NA	Ground Water	8151A	538950
680-201134-3	GWC-12R	Total/NA	Ground Water	8151A	538950

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# QC Association Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

## GC Semi VOA (Continued)

### Analysis Batch: 539173 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-538950/1-A	Method Blank	Total/NA	Water	8151A	538950
LCS 400-538950/2-A	Lab Control Sample	Total/NA	Water	8151A	538950
LCSD 400-538950/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	538950

### Analysis Batch: 539332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1 - RA	GWA-1	Total/NA	Ground Water	8151A	538950
680-201134-2 - RA	GWA-2	Total/NA	Ground Water	8151A	538950
680-201134-3 - RA	GWC-12R	Total/NA	Ground Water	8151A	538950
MB 400-538950/1-A - RA	Method Blank	Total/NA	Water	8151A	538950

### Prep Batch: 676137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	3520C	
680-201134-2	GWA-2	Total/NA	Ground Water	3520C	
680-201134-3	GWC-12R	Total/NA	Ground Water	3520C	
MB 680-676137/6-A	Method Blank	Total/NA	Water	3520C	
LCS 680-676137/7-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-676137/9-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-676137/10-A	Lab Control Sample Dup	Total/NA	Water	3520C	
LCSD 680-676137/8-A	Lab Control Sample Dup	Total/NA	Water	3520C	

### Analysis Batch: 676321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	8081B/8082A	676137
680-201134-2	GWA-2	Total/NA	Ground Water	8081B/8082A	676137
680-201134-3	GWC-12R	Total/NA	Ground Water	8081B/8082A	676137
MB 680-676137/6-A	Method Blank	Total/NA	Water	8081B/8082A	676137
LCS 680-676137/7-A	Lab Control Sample	Total/NA	Water	8081B/8082A	676137
LCS 680-676137/9-A	Lab Control Sample	Total/NA	Water	8081B/8082A	676137
LCSD 680-676137/10-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	676137
LCSD 680-676137/8-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	676137

### Prep Batch: 676674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	8011	
680-201134-2	GWA-2	Total/NA	Ground Water	8011	
680-201134-3	GWC-12R	Total/NA	Ground Water	8011	
MB 680-676674/3-A	Method Blank	Total/NA	Water	8011	
LCS 680-676674/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 680-676674/5-A	Lab Control Sample Dup	Total/NA	Water	8011	

### Analysis Batch: 676707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	8011	676674
680-201134-2	GWA-2	Total/NA	Ground Water	8011	676674
680-201134-3	GWC-12R	Total/NA	Ground Water	8011	676674
MB 680-676674/3-A	Method Blank	Total/NA	Water	8011	676674
LCS 680-676674/4-A	Lab Control Sample	Total/NA	Water	8011	676674
LCSD 680-676674/5-A	Lab Control Sample Dup	Total/NA	Water	8011	676674

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# QC Association Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

## Metals

### Prep Batch: 676055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total Recoverable	Ground Water	3005A	
680-201134-2	GWA-2	Total Recoverable	Ground Water	3005A	
680-201134-3	GWC-12R	Total Recoverable	Ground Water	3005A	
MB 680-676055/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-676055/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-201134-1 MS	GWA-1	Total Recoverable	Ground Water	3005A	
680-201134-1 MSD	GWA-1	Total Recoverable	Ground Water	3005A	

### Analysis Batch: 676187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total Recoverable	Ground Water	6020A	676055
680-201134-2	GWA-2	Total Recoverable	Ground Water	6020A	676055
680-201134-3	GWC-12R	Total Recoverable	Ground Water	6020A	676055
MB 680-676055/1-A	Method Blank	Total Recoverable	Water	6020A	676055
LCS 680-676055/2-A	Lab Control Sample	Total Recoverable	Water	6020A	676055
680-201134-1 MS	GWA-1	Total Recoverable	Ground Water	6020A	676055
680-201134-1 MSD	GWA-1	Total Recoverable	Ground Water	6020A	676055

### Prep Batch: 676514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	7470A	
680-201134-2	GWA-2	Total/NA	Ground Water	7470A	
680-201134-3	GWC-12R	Total/NA	Ground Water	7470A	
MB 680-676514/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-676514/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-201134-2 MS	GWA-2	Total/NA	Ground Water	7470A	
680-201134-2 MSD	GWA-2	Total/NA	Ground Water	7470A	

### Analysis Batch: 676697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	7470A	676514
680-201134-2	GWA-2	Total/NA	Ground Water	7470A	676514
680-201134-3	GWC-12R	Total/NA	Ground Water	7470A	676514
MB 680-676514/1-A	Method Blank	Total/NA	Water	7470A	676514
LCS 680-676514/2-A	Lab Control Sample	Total/NA	Water	7470A	676514
680-201134-2 MS	GWA-2	Total/NA	Ground Water	7470A	676514
680-201134-2 MSD	GWA-2	Total/NA	Ground Water	7470A	676514

## General Chemistry

### Prep Batch: 675997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	Distill/CN	
680-201134-2	GWA-2	Total/NA	Ground Water	Distill/CN	
680-201134-3	GWC-12R	Total/NA	Ground Water	Distill/CN	
MB 680-675997/12-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 680-675997/13-A	Lab Control Sample	Total/NA	Water	Distill/CN	
680-201134-1 MS	GWA-1	Total/NA	Ground Water	Distill/CN	
680-201134-1 MSD	GWA-1	Total/NA	Ground Water	Distill/CN	

# QC Association Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

## General Chemistry

### Analysis Batch: 676136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	335.4-1993 R1.0	675997
680-201134-2	GWA-2	Total/NA	Ground Water	335.4-1993 R1.0	675997
680-201134-3	GWC-12R	Total/NA	Ground Water	335.4-1993 R1.0	675997
MB 680-675997/12-A	Method Blank	Total/NA	Water	335.4-1993 R1.0	675997
LCS 680-675997/13-A	Lab Control Sample	Total/NA	Water	335.4-1993 R1.0	675997
680-201134-1 MS	GWA-1	Total/NA	Ground Water	335.4-1993 R1.0	675997
680-201134-1 MSD	GWA-1	Total/NA	Ground Water	335.4-1993 R1.0	675997

### Analysis Batch: 676239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201134-1	GWA-1	Total/NA	Ground Water	4500 S2 F-2011	
680-201134-2	GWA-2	Total/NA	Ground Water	4500 S2 F-2011	
680-201134-3	GWC-12R	Total/NA	Ground Water	4500 S2 F-2011	
MB 680-676239/1	Method Blank	Total/NA	Water	4500 S2 F-2011	
LCS 680-676239/2	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	
LCSD 680-676239/3	Lab Control Sample Dup	Total/NA	Water	4500 S2 F-2011	

# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-1**  
**Date Collected: 07/06/21 15:25**  
**Date Received: 07/08/21 11:25**

**Lab Sample ID: 680-201134-1**  
**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	8260C		1	5 mL	5 mL	676036	07/09/21 20:10	P1C	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3520C			1041.9 mL	1 mL	676362	07/12/21 17:03	EHS	TAL SAV
Total/NA	Analysis	8270D		1			676652	07/14/21 18:34	T1C	TAL SAV
Instrument ID: CMSE										
Total/NA	Prep	8011			35.4 mL	2 mL	676674	07/14/21 15:09	DC	TAL SAV
Total/NA	Analysis	8011		1			676707	07/14/21 21:23	DC	TAL SAV
Instrument ID: CSGX										
Total/NA	Prep	3520C			1046.6 mL	5 mL	676137	07/09/21 19:01	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1			676321	07/12/21 18:56	JCK	TAL SAV
Instrument ID: CSGAA										
Total/NA	Prep	8151A			256.4 mL	10 mL	538950	07/12/21 08:14	KWS	TAL PEN
Total/NA	Analysis	8151A		1			539173	07/13/21 20:58	DS	TAL PEN
Instrument ID: JORDAN										
Total/NA	Prep	8151A	RA		256.4 mL	10 mL	538950	07/12/21 08:14	KWS	TAL PEN
Total/NA	Analysis	8151A	RA	1			539332	07/14/21 16:33	DS	TAL PEN
Instrument ID: JORDAN										
Total Recoverable	Prep	3005A			50 mL	250 mL	676055	07/09/21 10:22	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1			676187	07/09/21 15:31	BJB	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Prep	7470A			50 mL	50 mL	676514	07/13/21 13:58	JKL	TAL SAV
Total/NA	Analysis	7470A		1			676697	07/14/21 12:51	JKL	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	Distill/CN			6 mL	6 mL	675997	07/09/21 08:21	NVF	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0		1			676136	07/09/21 15:35	NVF	TAL SAV
Instrument ID: KONELAB4										
Total/NA	Analysis	4500 S2 F-2011		1	310 mL	310 mL	676239	07/12/21 09:12	AE	TAL SAV
Instrument ID: NOEQUIP										

**Client Sample ID: GWA-2**  
**Date Collected: 07/06/21 10:35**  
**Date Received: 07/08/21 11:25**

**Lab Sample ID: 680-201134-2**  
**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	8260C		1	5 mL	5 mL	676036	07/09/21 20:35	P1C	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3520C			1043.6 mL	1 mL	676362	07/12/21 17:03	EHS	TAL SAV
Total/NA	Analysis	8270D		1			676652	07/14/21 18:58	T1C	TAL SAV
Instrument ID: CMSE										
Total/NA	Prep	8011			35.7 mL	2 mL	676674	07/14/21 15:09	DC	TAL SAV
Total/NA	Analysis	8011		1			676707	07/14/21 21:33	DC	TAL SAV
Instrument ID: CSGX										
Total/NA	Prep	3520C			1044.8 mL	5 mL	676137	07/09/21 19:01	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1			676321	07/12/21 19:10	JCK	TAL SAV
Instrument ID: CSGAA										

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# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWA-2**

**Lab Sample ID: 680-201134-2**

**Date Collected: 07/06/21 10:35**

**Matrix: Ground Water**

**Date Received: 07/08/21 11:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			256.8 mL	10 mL	538950	07/12/21 08:14	KWS	TAL PEN
Total/NA	Analysis	8151A		1			539173	07/13/21 21:32	DS	TAL PEN
Instrument ID: JORDAN										
Total/NA	Prep	8151A	RA		256.8 mL	10 mL	538950	07/12/21 08:14	KWS	TAL PEN
Total/NA	Analysis	8151A	RA	1			539332	07/14/21 17:07	DS	TAL PEN
Instrument ID: JORDAN										
Total Recoverable	Prep	3005A			50 mL	250 mL	676055	07/09/21 10:22	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1			676187	07/09/21 15:49	BJB	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Prep	7470A			50 mL	50 mL	676514	07/13/21 13:58	JKL	TAL SAV
Total/NA	Analysis	7470A		1			676697	07/14/21 12:55	JKL	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	Distill/CN			6 mL	6 mL	675997	07/09/21 08:21	NVF	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0		1			676136	07/09/21 15:40	NVF	TAL SAV
Instrument ID: KONELAB4										
Total/NA	Analysis	4500 S2 F-2011		1	310 mL	310 mL	676239	07/12/21 09:12	AE	TAL SAV
Instrument ID: NOEQUIP										

**Client Sample ID: GWC-12R**

**Lab Sample ID: 680-201134-3**

**Date Collected: 07/06/21 12:19**

**Matrix: Ground Water**

**Date Received: 07/08/21 11:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676036	07/09/21 20:59	P1C	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3520C			1027.1 mL	1 mL	676362	07/12/21 17:03	EHS	TAL SAV
Total/NA	Analysis	8270D		1			676652	07/14/21 19:22	T1C	TAL SAV
Instrument ID: CMSE										
Total/NA	Prep	8011			35.6 mL	2 mL	676674	07/14/21 15:09	DC	TAL SAV
Total/NA	Analysis	8011		1			676707	07/14/21 21:43	DC	TAL SAV
Instrument ID: CSGX										
Total/NA	Prep	3520C			1033.7 mL	5 mL	676137	07/09/21 19:01	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1			676321	07/12/21 19:24	JCK	TAL SAV
Instrument ID: CSGAA										
Total/NA	Prep	8151A			251.2 mL	10 mL	538950	07/12/21 08:14	KWS	TAL PEN
Total/NA	Analysis	8151A		1			539173	07/13/21 22:06	DS	TAL PEN
Instrument ID: JORDAN										
Total/NA	Prep	8151A	RA		251.2 mL	10 mL	538950	07/12/21 08:14	KWS	TAL PEN
Total/NA	Analysis	8151A	RA	1			539332	07/14/21 17:41	DS	TAL PEN
Instrument ID: JORDAN										
Total Recoverable	Prep	3005A			50 mL	250 mL	676055	07/09/21 10:22	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1			676187	07/09/21 15:52	BJB	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Prep	7470A			50 mL	50 mL	676514	07/13/21 13:58	JKL	TAL SAV
Total/NA	Analysis	7470A		1			676697	07/14/21 13:05	JKL	TAL SAV
Instrument ID: LEEMAN2										

Eurofins TestAmerica, Savannah

# Lab Chronicle

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

**Client Sample ID: GWC-12R**

**Lab Sample ID: 680-201134-3**

**Date Collected: 07/06/21 12:19**

**Matrix: Ground Water**

**Date Received: 07/08/21 11:25**

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	675997	07/09/21 08:21	NVF	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0 Instrument ID: KONELAB4		1			676136	07/09/21 15:40	NVF	TAL SAV
Total/NA	Analysis	4500 S2 F-2011 Instrument ID: NOEQUIP		1	310 mL	310 mL	676239	07/12/21 09:12	AE	TAL SAV

**Client Sample ID: Trip Blank**

**Lab Sample ID: 680-201134-4**

**Date Collected: 07/06/21 00:00**

**Matrix: Water**

**Date Received: 07/08/21 11:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C Instrument ID: CMSAA		1	5 mL	5 mL	676036	07/09/21 18:09	P1C	TAL SAV

**Laboratory References:**

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001  
 TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

# Accreditation/Certification Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

## Laboratory: Eurofins TestAmerica, Savannah

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

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

## Laboratory: Eurofins TestAmerica, Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-22
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-02-21
California	State	2510	06-30-22
Florida	NELAP	E81010	06-30-22
Georgia	State	E81010(FL)	06-30-22
Illinois	NELAP	200041	10-09-21
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	10-31-21
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-21
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
New Jersey	NELAP	FL006	06-30-22
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-21
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-21
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-22
Washington	State	C915	05-15-22
West Virginia DEP	State	136	09-30-21

# Method Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201134-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SAV
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
8151A	Herbicides (GC)	SW846	TAL PEN
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
335.4-1993 R1.0	Cyanide, Total	MCAWW	TAL SAV
4500 S2 F-2011	Sulfide, Total	SM	TAL SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL SAV
3520C	Liquid-Liquid Extraction (Continuous)	SW846	TAL SAV
5030C	Purge and Trap	SW846	TAL SAV
7470A	Preparation, Mercury	SW846	TAL SAV
8011	Microextraction	SW846	TAL SAV
8151A	Extraction (Herbicides)	SW846	TAL PEN
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 PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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







# Login Sample Receipt Checklist

Client: GFL Environmental

Job Number: 680-201134-1

**Login Number: 201134**

**List Source: Eurofins TestAmerica, 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.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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	



## Login Sample Receipt Checklist

Client: GFL Environmental

Job Number: 680-201134-1

**Login Number: 201134**

**List Number: 2**

**Creator: Avery, Kathy R**

**List Source: Eurofins TestAmerica, Pensacola**

**List Creation: 07/09/21 11:28 AM**

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.	N/A	
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	3.7°C IR 8
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

## ANALYTICAL REPORT

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

Laboratory Job ID: 680-201315-1  
Client Project/Site: Eagle Point Landfill

For:  
GFL Environmental  
6905 Roosevelt Hwy  
Fairburn, Georgia 30213

Attn: Robert Heller



Authorized for release by:  
7/16/2021 12:39:35 PM

John Andros, Project Manager I  
(404)944-4744  
[john.andros@eurofinset.com](mailto:john.andros@eurofinset.com)

### LINKS

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results through  
**TotalAccess**

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*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: 680-201315-1

## Qualifiers

### GC/MS VOA

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

## 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: 680-201315-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
680-201315-1	GWC-1	Ground Water	07/07/21 11:38	07/10/21 11:55	
680-201315-2	GWC-2	Ground Water	07/07/21 11:01	07/10/21 11:55	
680-201315-3	GWC-3	Ground Water	07/07/21 10:13	07/10/21 11:55	
680-201315-4	GWC-4	Ground Water	07/08/21 10:11	07/10/21 11:55	
680-201315-5	GWC-5	Ground Water	07/08/21 10:40	07/10/21 11:55	
680-201315-6	GWC-6	Ground Water	07/06/21 10:42	07/10/21 11:55	
680-201315-7	GWC-7	Ground Water	07/06/21 12:00	07/10/21 11:55	
680-201315-8	GWC-7A	Ground Water	07/06/21 11:36	07/10/21 11:55	
680-201315-9	GWC-8	Ground Water	07/08/21 11:11	07/10/21 11:55	
680-201315-10	GWC-9	Ground Water	07/06/21 11:36	07/10/21 11:55	
680-201315-11	GWC-10D	Ground Water	07/08/21 11:42	07/10/21 11:55	
680-201315-12	GWC-11	Ground Water	07/06/21 12:44	07/10/21 11:55	
680-201315-13	GWC-13R	Ground Water	07/07/21 14:52	07/10/21 11:55	
680-201315-14	GWC-14R	Ground Water	07/08/21 12:20	07/10/21 11:55	
680-201315-15	GWC-15	Ground Water	07/06/21 13:17	07/10/21 11:55	
680-201315-16	GWC-16	Ground Water	07/08/21 11:58	07/10/21 11:55	
680-201315-17	GWC-17	Ground Water	07/06/21 14:08	07/10/21 11:55	
680-201315-18	GWC-17	Ground Water	07/07/21 09:45	07/10/21 11:55	
680-201315-19	GWC-18	Ground Water	07/06/21 15:11	07/10/21 11:55	
680-201315-20	GWC-18	Ground Water	07/07/21 09:58	07/10/21 11:55	
680-201315-21	GWC-19	Ground Water	07/08/21 10:21	07/10/21 11:55	
680-201315-23	GWC-21	Ground Water	07/08/21 11:34	07/10/21 11:55	
680-201315-24	GWC-22	Ground Water	07/07/21 12:37	07/10/21 11:55	
680-201315-25	GWC-23	Ground Water	07/07/21 13:16	07/10/21 11:55	
680-201315-26	GWC-24	Ground Water	07/07/21 14:26	07/10/21 11:55	
680-201315-27	GWC-25	Ground Water	07/07/21 13:51	07/10/21 11:55	
680-201315-28	GWC-26	Ground Water	07/08/21 10:57	07/10/21 11:55	
680-201315-29	GWC-27	Ground Water	07/06/21 15:48	07/10/21 11:55	
680-201315-30	GWC-28	Ground Water	07/07/21 11:24	07/10/21 11:55	
680-201315-31	GWC-29	Ground Water	07/07/21 12:03	07/10/21 11:55	
680-201315-32	Field Blank	Water	07/09/21 11:00	07/10/21 11:55	
680-201315-34	SWA-1	Surface Water	07/09/21 10:54	07/10/21 11:55	
680-201315-35	SWC-1	Surface Water	07/09/21 10:12	07/10/21 11:55	
680-201315-36	SWC-2	Surface Water	07/09/21 10:30	07/10/21 11:55	
680-201315-37	SWC-6	Surface Water	07/09/21 11:34	07/10/21 11:55	
680-201315-38	SWC-7	Surface Water	07/09/21 11:24	07/10/21 11:55	
680-201315-39	SWC-8	Surface Water	07/09/21 10:11	07/10/21 11:55	
680-201315-40	SWC-10	Surface Water	07/09/21 10:32	07/10/21 11:55	
680-201315-41	SWC-12	Surface Water	07/09/21 09:57	07/10/21 11:55	
680-201315-42	SWC-9	Surface Water	07/06/21 14:20	07/10/21 11:55	
680-201315-43	SWC-5	Surface Water	07/06/21 13:37	07/10/21 11:55	



# Case Narrative

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Job ID: 680-201315-1**

**Laboratory: Eurofins TestAmerica, Savannah**

## Narrative

### Job Narrative 680-201315-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 7/10/2021 11:55 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.0° C, 1.3° C, 4.4° C and 5.2° C.

#### Receipt Exceptions

There were several discrepancies between the Chain of Custody (COC) and the sample containers received in the coolers. A Trip Blank is listed on the COC but was not present in any of the coolers. Sample GWC-20 is listed on the COC but was not present in any of the coolers. Sample SWC-5 was present in the coolers but was not listed on the COC. It was added to the work scope and the sampling date and time were recorded from the sample containers.

#### GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 680-676445 was outside the method criteria for the following analyte(s): Chloroethane, Iodomethane and Vinyl acetate. These analytes have been identified as a poor performing analyte when using this method. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260C: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 680-676445 was outside criteria for the following analyte(s): 2-Butanone (MEK) and Acetone. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-676445.

Method 8260C: The continuing calibration verification (CCV) associated with batch 680-676423 recovered above the upper control limit for Bromomethane, Chloroethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260C: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 680-676423 was outside criteria for the following analyte(s): 2-Butanone (MEK) and Acetone. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-676423.

Method 8260C: The initial calibration verification (ICV) analyzed in batch 680-675914 was outside method criteria for the following analyte(s): Iodomethane. This analyte has been identified as a poor performing analyte when using this method. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 680-676414 was outside the method criteria for the following analyte(s): 2-Hexanone, Chloroethane, Chloromethane, Iodomethane and 4-Methyl-2-pentanone (MIBK). These analytes have been identified as a poor performing analyte when using this method. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260C: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 680-676414 was outside criteria for the following analyte(s): Acetone. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with

# Case Narrative

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Job ID: 680-201315-1 (Continued)

### Laboratory: Eurofins TestAmerica, Savannah (Continued)

analytical batch 680-676414.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 680-676455 was outside the method criteria for the following analyte(s): Iodomethane, Chloroethane, 2-Butanone, Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 680-676455 recovered outside control limits for the following analytes: Chloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-676780.

Method 8260C: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 680-676780 was outside criteria for the following analyte(s): Acetone and 2-Butanone. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 680-676780 recovered outside control limits for the following analytes: Chloroethane. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 680-676780 was outside the method criteria for the following analyte(s): 2-Butanone, Chloroethane and Bromomethane. 2-Butanone, Chloroethane and Bromomethane 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.

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.

### Metals

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

### General Chemistry

Methods 335.4, 9012B, SM 4500 CN E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 680-676398 and analytical batch 680-676511 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

# Detection Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Client Sample ID: GWC-1

Lab Sample ID: 680-201315-1

No Detections.

## Client Sample ID: GWC-2

Lab Sample ID: 680-201315-2

No Detections.

## Client Sample ID: GWC-3

Lab Sample ID: 680-201315-3

No Detections.

## Client Sample ID: GWC-4

Lab Sample ID: 680-201315-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.031		0.020		mg/L	1		6020A	Total/NA

## Client Sample ID: GWC-5

Lab Sample ID: 680-201315-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.042		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.0090		0.0060		mg/L	1		6020A	Total/NA

## Client Sample ID: GWC-6

Lab Sample ID: 680-201315-6

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: 680-201315-7

No Detections.

## Client Sample ID: GWC-7A

Lab Sample ID: 680-201315-8

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-8

Lab Sample ID: 680-201315-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.058		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.030		0.0060		mg/L	1		6020A	Total/NA

## Client Sample ID: GWC-9

Lab Sample ID: 680-201315-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.30		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.11		0.0060		mg/L	1		6020A	Total/NA
Zinc	0.097		0.020		mg/L	1		6020A	Total/NA

## Client Sample ID: GWC-10D

Lab Sample ID: 680-201315-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.080		0.020		mg/L	1		6020A	Total/NA

## Client Sample ID: GWC-11

Lab Sample ID: 680-201315-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.8		2.0		ug/L	1		8260C	Total/NA
Barium	0.60		0.020		mg/L	1		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Savannah

# Detection Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Client Sample ID: GWC-11 (Continued)

Lab Sample ID: 680-201315-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.14		0.0060		mg/L	1		6020A	Total/NA
Selenium	0.023		0.010		mg/L	1		6020A	Total/NA
Zinc	0.10		0.020		mg/L	1		6020A	Total/NA

## Client Sample ID: GWC-13R

Lab Sample ID: 680-201315-13

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-14R

Lab Sample ID: 680-201315-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.023		0.020		mg/L	1		6020A	Total/NA

## Client Sample ID: GWC-15

Lab Sample ID: 680-201315-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.13		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.0085		0.0060		mg/L	1		6020A	Total/NA

## Client Sample ID: GWC-16

Lab Sample ID: 680-201315-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.13		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.016		0.0060		mg/L	1		6020A	Total/NA

## Client Sample ID: GWC-17

Lab Sample ID: 680-201315-17

No Detections.

## Client Sample ID: GWC-17

Lab Sample ID: 680-201315-18

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

## Client Sample ID: GWC-18

Lab Sample ID: 680-201315-19

No Detections.

## Client Sample ID: GWC-18

Lab Sample ID: 680-201315-20

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

## Client Sample ID: GWC-19

Lab Sample ID: 680-201315-21

No Detections.

## Client Sample ID: GWC-21

Lab Sample ID: 680-201315-23

No Detections.

## Client Sample ID: GWC-22

Lab Sample ID: 680-201315-24

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Savannah

# Detection Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-23**

**Lab Sample ID: 680-201315-25**

No Detections.

**Client Sample ID: GWC-24**

**Lab Sample ID: 680-201315-26**

No Detections.

**Client Sample ID: GWC-25**

**Lab Sample ID: 680-201315-27**

No Detections.

**Client Sample ID: GWC-26**

**Lab Sample ID: 680-201315-28**

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

**Client Sample ID: GWC-27**

**Lab Sample ID: 680-201315-29**

No Detections.

**Client Sample ID: GWC-28**

**Lab Sample ID: 680-201315-30**

No Detections.

**Client Sample ID: GWC-29**

**Lab Sample ID: 680-201315-31**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.041		0.020		mg/L	1		6020A	Total/NA

**Client Sample ID: Field Blank**

**Lab Sample ID: 680-201315-32**

No Detections.

**Client Sample ID: SWA-1**

**Lab Sample ID: 680-201315-34**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		0.50		mg/L	1		9056A	Total/NA
Barium, Dissolved	0.013		0.010		mg/L	1		6020A	Dissolved
Total Non-purgeable Organic Carbon	1.1		1.0		mg/L	1		5310 B-2011	Total/NA

**Client Sample ID: SWC-1**

**Lab Sample ID: 680-201315-35**

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

**Client Sample ID: SWC-2**

**Lab Sample ID: 680-201315-36**

No Detections.

**Client Sample ID: SWC-6**

**Lab Sample ID: 680-201315-37**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.040		0.010		mg/L	1		6020A	Total/NA
Barium	0.044		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.010		0.0060		mg/L	1		6020A	Total/NA

**Client Sample ID: SWC-7**

**Lab Sample ID: 680-201315-38**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.020		0.010		mg/L	1		6020A	Total/NA
Barium	0.021		0.020		mg/L	1		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Savannah

# Detection Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Client Sample ID: SWC-7 (Continued)

Lab Sample ID: 680-201315-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.033		0.0060		mg/L	1		6020A	Total/NA

## Client Sample ID: SWC-8

Lab Sample ID: 680-201315-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.034		0.0060		mg/L	1		6020A	Total/NA

## Client Sample ID: SWC-10

Lab Sample ID: 680-201315-40

No Detections.

## Client Sample ID: SWC-12

Lab Sample ID: 680-201315-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.029		0.020		mg/L	1		6020A	Total/NA
Zinc	0.023		0.020		mg/L	1		6020A	Total/NA

## Client Sample ID: SWC-9

Lab Sample ID: 680-201315-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		0.50		mg/L	1		9056A	Total/NA
Barium, Dissolved	0.015		0.010		mg/L	1		6020A	Dissolved
Total Non-purgeable Organic Carbon	1.1		1.0		mg/L	1		5310 B-2011	Total/NA

## Client Sample ID: SWC-5

Lab Sample ID: 680-201315-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.035		0.010		mg/L	1		6020A	Total/NA
Barium	0.045		0.020		mg/L	1		6020A	Total/NA
Cobalt	0.011		0.0060		mg/L	1		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-1**

**Lab Sample ID: 680-201315-1**

Date Collected: 07/07/21 11:38

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 16:29	1
Acrylonitrile	ND		50		ug/L			07/13/21 16:29	1
Benzene	ND		2.0		ug/L			07/13/21 16:29	1
Bromoform	ND		10		ug/L			07/13/21 16:29	1
Bromomethane	ND		10		ug/L			07/13/21 16:29	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 16:29	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 16:29	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 16:29	1
Chlorobenzene	ND		10		ug/L			07/13/21 16:29	1
Chlorobromomethane	ND		10		ug/L			07/13/21 16:29	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 16:29	1
Chloroethane	ND	*+	5.0		ug/L			07/13/21 16:29	1
Chloroform	ND		2.0		ug/L			07/13/21 16:29	1
Chloromethane	ND		10		ug/L			07/13/21 16:29	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:29	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:29	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 16:29	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 16:29	1
Dibromomethane	ND		10		ug/L			07/13/21 16:29	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 16:29	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 16:29	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 16:29	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 16:29	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 16:29	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 16:29	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 16:29	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 16:29	1
2-Hexanone	ND		50		ug/L			07/13/21 16:29	1
Iodomethane	ND		100		ug/L			07/13/21 16:29	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 16:29	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 16:29	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 16:29	1
o-Xylene	ND		5.0		ug/L			07/13/21 16:29	1
Styrene	ND		10		ug/L			07/13/21 16:29	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:29	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:29	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 16:29	1
Toluene	ND		2.0		ug/L			07/13/21 16:29	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 16:29	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:29	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:29	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 16:29	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 16:29	1
Trichloroethene	ND		2.0		ug/L			07/13/21 16:29	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 16:29	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 16:29	1
Vinyl acetate	ND		100		ug/L			07/13/21 16:29	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 16:29	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 16:29	1

Eurofins TestAmerica, Savannah



# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-1**

**Lab Sample ID: 680-201315-1**

Date Collected: 07/07/21 11:38

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		07/13/21 16:29	1
Dibromofluoromethane (Surr)	97		70 - 130		07/13/21 16:29	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 124		07/13/21 16:29	1
Toluene-d8 (Surr)	99		70 - 130		07/13/21 16:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:40	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:40	1
Barium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:40	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 17:40	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 17:40	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:40	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:40	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:40	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 17:40	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:40	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:40	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:40	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 17:40	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:40	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:40	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-2**

**Lab Sample ID: 680-201315-2**

Date Collected: 07/07/21 11:01

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 16:49	1
Acrylonitrile	ND		50		ug/L			07/13/21 16:49	1
Benzene	ND		2.0		ug/L			07/13/21 16:49	1
Bromoform	ND		10		ug/L			07/13/21 16:49	1
Bromomethane	ND		10		ug/L			07/13/21 16:49	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 16:49	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 16:49	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 16:49	1
Chlorobenzene	ND		10		ug/L			07/13/21 16:49	1
Chlorobromomethane	ND		10		ug/L			07/13/21 16:49	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 16:49	1
Chloroethane	ND	*+	5.0		ug/L			07/13/21 16:49	1
Chloroform	ND		2.0		ug/L			07/13/21 16:49	1
Chloromethane	ND		10		ug/L			07/13/21 16:49	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:49	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:49	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 16:49	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 16:49	1
Dibromomethane	ND		10		ug/L			07/13/21 16:49	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 16:49	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 16:49	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 16:49	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 16:49	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 16:49	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 16:49	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 16:49	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 16:49	1
2-Hexanone	ND		50		ug/L			07/13/21 16:49	1
Iodomethane	ND		100		ug/L			07/13/21 16:49	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 16:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 16:49	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 16:49	1
o-Xylene	ND		5.0		ug/L			07/13/21 16:49	1
Styrene	ND		10		ug/L			07/13/21 16:49	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:49	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:49	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 16:49	1
Toluene	ND		2.0		ug/L			07/13/21 16:49	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 16:49	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:49	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:49	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 16:49	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 16:49	1
Trichloroethene	ND		2.0		ug/L			07/13/21 16:49	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 16:49	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 16:49	1
Vinyl acetate	ND		100		ug/L			07/13/21 16:49	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 16:49	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 16:49	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-2**

**Lab Sample ID: 680-201315-2**

Date Collected: 07/07/21 11:01

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130		07/13/21 16:49	1
Dibromofluoromethane (Surr)	99		70 - 130		07/13/21 16:49	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 124		07/13/21 16:49	1
Toluene-d8 (Surr)	100		70 - 130		07/13/21 16:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:44	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:44	1
Barium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:44	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 17:44	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 17:44	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:44	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:44	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:44	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 17:44	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:44	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:44	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:44	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 17:44	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:44	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:44	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-3**

**Lab Sample ID: 680-201315-3**

Date Collected: 07/07/21 10:13

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 20:21	1
Acrylonitrile	ND		50		ug/L			07/13/21 20:21	1
Benzene	ND		2.0		ug/L			07/13/21 20:21	1
Bromoform	ND		10		ug/L			07/13/21 20:21	1
Bromomethane	ND		10		ug/L			07/13/21 20:21	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 20:21	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 20:21	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 20:21	1
Chlorobenzene	ND		10		ug/L			07/13/21 20:21	1
Chlorobromomethane	ND		10		ug/L			07/13/21 20:21	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 20:21	1
Chloroethane	ND		5.0		ug/L			07/13/21 20:21	1
Chloroform	ND		2.0		ug/L			07/13/21 20:21	1
Chloromethane	ND		10		ug/L			07/13/21 20:21	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:21	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:21	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 20:21	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 20:21	1
Dibromomethane	ND		10		ug/L			07/13/21 20:21	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 20:21	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 20:21	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 20:21	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 20:21	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 20:21	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 20:21	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 20:21	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 20:21	1
2-Hexanone	ND		50		ug/L			07/13/21 20:21	1
Iodomethane	ND		100		ug/L			07/13/21 20:21	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 20:21	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 20:21	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 20:21	1
o-Xylene	ND		5.0		ug/L			07/13/21 20:21	1
Styrene	ND		10		ug/L			07/13/21 20:21	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:21	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:21	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 20:21	1
Toluene	ND		2.0		ug/L			07/13/21 20:21	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 20:21	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:21	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:21	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 20:21	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 20:21	1
Trichloroethene	ND		2.0		ug/L			07/13/21 20:21	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 20:21	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 20:21	1
Vinyl acetate	ND		100		ug/L			07/13/21 20:21	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 20:21	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 20:21	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-3**  
**Date Collected: 07/07/21 10:13**  
**Date Received: 07/10/21 11:55**

**Lab Sample ID: 680-201315-3**  
**Matrix: Ground Water**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130		07/13/21 20:21	1
Dibromofluoromethane (Surr)	95		70 - 130		07/13/21 20:21	1
1,2-Dichloroethane-d4 (Surr)	79		60 - 124		07/13/21 20:21	1
Toluene-d8 (Surr)	93		70 - 130		07/13/21 20:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:15	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:15	1
Barium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:15	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 17:15	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 17:15	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:15	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:15	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:15	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 17:15	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:15	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:15	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:15	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 17:15	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:15	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:15	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-4**

**Lab Sample ID: 680-201315-4**

Date Collected: 07/08/21 10:11

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 17:14	1
Acrylonitrile	ND		50		ug/L			07/13/21 17:14	1
Benzene	ND		2.0		ug/L			07/13/21 17:14	1
Bromoform	ND		10		ug/L			07/13/21 17:14	1
Bromomethane	ND		10		ug/L			07/13/21 17:14	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 17:14	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 17:14	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 17:14	1
Chlorobenzene	ND		10		ug/L			07/13/21 17:14	1
Chlorobromomethane	ND		10		ug/L			07/13/21 17:14	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 17:14	1
Chloroethane	ND		5.0		ug/L			07/13/21 17:14	1
Chloroform	ND		2.0		ug/L			07/13/21 17:14	1
Chloromethane	ND		10		ug/L			07/13/21 17:14	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:14	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:14	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 17:14	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 17:14	1
Dibromomethane	ND		10		ug/L			07/13/21 17:14	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 17:14	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 17:14	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 17:14	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 17:14	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 17:14	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 17:14	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 17:14	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 17:14	1
2-Hexanone	ND		50		ug/L			07/13/21 17:14	1
Iodomethane	ND		100		ug/L			07/13/21 17:14	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 17:14	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 17:14	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 17:14	1
o-Xylene	ND		5.0		ug/L			07/13/21 17:14	1
Styrene	ND		10		ug/L			07/13/21 17:14	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:14	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:14	1
Tetrachloroethene	ND		2.0		ug/L			07/15/21 14:33	1
Toluene	ND		2.0		ug/L			07/13/21 17:14	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 17:14	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:14	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:14	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 17:14	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 17:14	1
Trichloroethene	ND		2.0		ug/L			07/13/21 17:14	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 17:14	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 17:14	1
Vinyl acetate	ND		100		ug/L			07/13/21 17:14	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 17:14	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 17:14	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-4**  
**Date Collected: 07/08/21 10:11**  
**Date Received: 07/10/21 11:55**

**Lab Sample ID: 680-201315-4**  
**Matrix: Ground Water**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130		07/13/21 17:14	1
4-Bromofluorobenzene (Surr)	103		70 - 130		07/15/21 14:33	1
Dibromofluoromethane (Surr)	95		70 - 130		07/13/21 17:14	1
Dibromofluoromethane (Surr)	97		70 - 130		07/15/21 14:33	1
1,2-Dichloroethane-d4 (Surr)	79		60 - 124		07/13/21 17:14	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 124		07/15/21 14:33	1
Toluene-d8 (Surr)	94		70 - 130		07/13/21 17:14	1
Toluene-d8 (Surr)	99		70 - 130		07/15/21 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:19	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:19	1
<b>Barium</b>	<b>0.031</b>		0.020		mg/L		07/13/21 08:18	07/13/21 17:19	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 17:19	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 17:19	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:19	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:19	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:19	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 17:19	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:19	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:19	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:19	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 17:19	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:19	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:19	1



# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-5**  
Date Collected: 07/08/21 10:40  
Date Received: 07/10/21 11:55

**Lab Sample ID: 680-201315-5**  
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 16:41	1
Acrylonitrile	ND		50		ug/L			07/13/21 16:41	1
Benzene	ND		2.0		ug/L			07/13/21 16:41	1
Bromoform	ND		10		ug/L			07/13/21 16:41	1
Bromomethane	ND		10		ug/L			07/13/21 16:41	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 16:41	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 16:41	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 16:41	1
Chlorobenzene	ND		10		ug/L			07/13/21 16:41	1
Chlorobromomethane	ND		10		ug/L			07/13/21 16:41	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 16:41	1
Chloroethane	ND		5.0		ug/L			07/13/21 16:41	1
Chloroform	ND		2.0		ug/L			07/13/21 16:41	1
Chloromethane	ND		10		ug/L			07/13/21 16:41	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:41	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:41	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 16:41	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 16:41	1
Dibromomethane	ND		10		ug/L			07/13/21 16:41	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 16:41	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 16:41	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 16:41	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 16:41	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 16:41	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 16:41	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 16:41	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 16:41	1
2-Hexanone	ND		50		ug/L			07/13/21 16:41	1
Iodomethane	ND		100		ug/L			07/13/21 16:41	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 16:41	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 16:41	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 16:41	1
o-Xylene	ND		5.0		ug/L			07/13/21 16:41	1
Styrene	ND		10		ug/L			07/13/21 16:41	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:41	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:41	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 16:41	1
Toluene	ND		2.0		ug/L			07/13/21 16:41	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 16:41	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:41	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:41	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 16:41	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 16:41	1
Trichloroethene	ND		2.0		ug/L			07/13/21 16:41	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 16:41	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 16:41	1
Vinyl acetate	ND		100		ug/L			07/13/21 16:41	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 16:41	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 16:41	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-5**  
**Date Collected: 07/08/21 10:40**  
**Date Received: 07/10/21 11:55**

**Lab Sample ID: 680-201315-5**  
**Matrix: Ground Water**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130		07/13/21 16:41	1
Dibromofluoromethane (Surr)	101		70 - 130		07/13/21 16:41	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		07/13/21 16:41	1
Toluene-d8 (Surr)	96		70 - 130		07/13/21 16:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:22	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:22	1
<b>Barium</b>	<b>0.042</b>		0.020		mg/L		07/13/21 08:18	07/13/21 17:22	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 17:22	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 17:22	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:22	1
<b>Cobalt</b>	<b>0.0090</b>		0.0060		mg/L		07/13/21 08:18	07/13/21 17:22	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:22	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 17:22	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:22	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:22	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:22	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 17:22	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:22	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:22	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-6**  
Date Collected: 07/06/21 10:42  
Date Received: 07/10/21 11:55

**Lab Sample ID: 680-201315-6**  
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 17:05	1
Acrylonitrile	ND		50		ug/L			07/13/21 17:05	1
Benzene	ND		2.0		ug/L			07/13/21 17:05	1
Bromoform	ND		10		ug/L			07/13/21 17:05	1
Bromomethane	ND		10		ug/L			07/13/21 17:05	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 17:05	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 17:05	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 17:05	1
Chlorobenzene	ND		10		ug/L			07/13/21 17:05	1
Chlorobromomethane	ND		10		ug/L			07/13/21 17:05	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 17:05	1
Chloroethane	ND		5.0		ug/L			07/13/21 17:05	1
Chloroform	ND		2.0		ug/L			07/13/21 17:05	1
Chloromethane	ND		10		ug/L			07/13/21 17:05	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:05	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:05	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 17:05	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 17:05	1
Dibromomethane	ND		10		ug/L			07/13/21 17:05	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 17:05	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 17:05	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 17:05	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 17:05	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 17:05	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 17:05	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 17:05	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 17:05	1
2-Hexanone	ND		50		ug/L			07/13/21 17:05	1
Iodomethane	ND		100		ug/L			07/13/21 17:05	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 17:05	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 17:05	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 17:05	1
o-Xylene	ND		5.0		ug/L			07/13/21 17:05	1
Styrene	ND		10		ug/L			07/13/21 17:05	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:05	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 17:05	1
Toluene	ND		2.0		ug/L			07/13/21 17:05	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 17:05	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:05	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:05	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 17:05	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 17:05	1
Trichloroethene	ND		2.0		ug/L			07/13/21 17:05	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 17:05	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 17:05	1
Vinyl acetate	ND		100		ug/L			07/13/21 17:05	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 17:05	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 17:05	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-6**  
**Date Collected: 07/06/21 10:42**  
**Date Received: 07/10/21 11:55**

**Lab Sample ID: 680-201315-6**  
**Matrix: Ground Water**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130		07/13/21 17:05	1
Dibromofluoromethane (Surr)	101		70 - 130		07/13/21 17:05	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 124		07/13/21 17:05	1
Toluene-d8 (Surr)	96		70 - 130		07/13/21 17:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:12	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:12	1
<b>Barium</b>	<b>0.072</b>		0.020		mg/L		07/13/21 08:13	07/13/21 19:12	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 19:12	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 19:12	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:12	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:12	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:12	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 19:12	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:12	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:12	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:12	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 19:12	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:12	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:12	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-7**

**Lab Sample ID: 680-201315-7**

Date Collected: 07/06/21 12:00

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 17:30	1
Acrylonitrile	ND		50		ug/L			07/13/21 17:30	1
Benzene	ND		2.0		ug/L			07/13/21 17:30	1
Bromoform	ND		10		ug/L			07/13/21 17:30	1
Bromomethane	ND		10		ug/L			07/13/21 17:30	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 17:30	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 17:30	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 17:30	1
Chlorobenzene	ND		10		ug/L			07/13/21 17:30	1
Chlorobromomethane	ND		10		ug/L			07/13/21 17:30	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 17:30	1
Chloroethane	ND		5.0		ug/L			07/13/21 17:30	1
Chloroform	ND		2.0		ug/L			07/13/21 17:30	1
Chloromethane	ND		10		ug/L			07/13/21 17:30	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:30	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:30	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 17:30	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 17:30	1
Dibromomethane	ND		10		ug/L			07/13/21 17:30	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 17:30	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 17:30	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 17:30	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 17:30	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 17:30	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 17:30	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 17:30	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 17:30	1
2-Hexanone	ND		50		ug/L			07/13/21 17:30	1
Iodomethane	ND		100		ug/L			07/13/21 17:30	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 17:30	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 17:30	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 17:30	1
o-Xylene	ND		5.0		ug/L			07/13/21 17:30	1
Styrene	ND		10		ug/L			07/13/21 17:30	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:30	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:30	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 17:30	1
Toluene	ND		2.0		ug/L			07/13/21 17:30	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 17:30	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:30	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:30	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 17:30	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 17:30	1
Trichloroethene	ND		2.0		ug/L			07/13/21 17:30	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 17:30	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 17:30	1
Vinyl acetate	ND		100		ug/L			07/13/21 17:30	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 17:30	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 17:30	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-7**

**Lab Sample ID: 680-201315-7**

**Date Collected: 07/06/21 12:00**

**Matrix: Ground Water**

**Date Received: 07/10/21 11:55**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130		07/13/21 17:30	1
Dibromofluoromethane (Surr)	100		70 - 130		07/13/21 17:30	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 124		07/13/21 17:30	1
Toluene-d8 (Surr)	94		70 - 130		07/13/21 17:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:26	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:26	1
Barium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:26	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 19:26	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 19:26	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:26	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:26	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:26	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 19:26	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:26	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:26	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:26	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 19:26	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:26	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:26	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-7A**

**Lab Sample ID: 680-201315-8**

Date Collected: 07/06/21 11:36

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 17:54	1
Acrylonitrile	ND		50		ug/L			07/13/21 17:54	1
Benzene	ND		2.0		ug/L			07/13/21 17:54	1
Bromoform	ND		10		ug/L			07/13/21 17:54	1
Bromomethane	ND		10		ug/L			07/13/21 17:54	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 17:54	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 17:54	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 17:54	1
Chlorobenzene	ND		10		ug/L			07/13/21 17:54	1
Chlorobromomethane	ND		10		ug/L			07/13/21 17:54	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 17:54	1
Chloroethane	ND		5.0		ug/L			07/13/21 17:54	1
Chloroform	ND		2.0		ug/L			07/13/21 17:54	1
Chloromethane	ND		10		ug/L			07/13/21 17:54	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:54	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:54	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 17:54	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 17:54	1
Dibromomethane	ND		10		ug/L			07/13/21 17:54	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 17:54	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 17:54	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 17:54	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 17:54	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 17:54	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 17:54	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 17:54	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 17:54	1
2-Hexanone	ND		50		ug/L			07/13/21 17:54	1
Iodomethane	ND		100		ug/L			07/13/21 17:54	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 17:54	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 17:54	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 17:54	1
o-Xylene	ND		5.0		ug/L			07/13/21 17:54	1
Styrene	ND		10		ug/L			07/13/21 17:54	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:54	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:54	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 17:54	1
Toluene	ND		2.0		ug/L			07/13/21 17:54	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 17:54	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:54	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:54	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 17:54	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 17:54	1
Trichloroethene	ND		2.0		ug/L			07/13/21 17:54	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 17:54	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 17:54	1
Vinyl acetate	ND		100		ug/L			07/13/21 17:54	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 17:54	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 17:54	1

Eurofins TestAmerica, Savannah



# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-7A**

**Lab Sample ID: 680-201315-8**

Date Collected: 07/06/21 11:36

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130		07/13/21 17:54	1
Dibromofluoromethane (Surr)	101		70 - 130		07/13/21 17:54	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 124		07/13/21 17:54	1
Toluene-d8 (Surr)	95		70 - 130		07/13/21 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:58	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:58	1
<b>Barium</b>	<b>0.029</b>		0.020		mg/L		07/13/21 08:13	07/13/21 18:58	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 18:58	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 18:58	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:58	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:58	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:58	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 18:58	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:58	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:58	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:58	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 18:58	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:58	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:58	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-8**

**Lab Sample ID: 680-201315-9**

Date Collected: 07/08/21 11:11

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 18:19	1
Acrylonitrile	ND		50		ug/L			07/13/21 18:19	1
Benzene	ND		2.0		ug/L			07/13/21 18:19	1
Bromoform	ND		10		ug/L			07/13/21 18:19	1
Bromomethane	ND		10		ug/L			07/13/21 18:19	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 18:19	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 18:19	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 18:19	1
Chlorobenzene	ND		10		ug/L			07/13/21 18:19	1
Chlorobromomethane	ND		10		ug/L			07/13/21 18:19	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 18:19	1
Chloroethane	ND		5.0		ug/L			07/13/21 18:19	1
Chloroform	ND		2.0		ug/L			07/13/21 18:19	1
Chloromethane	ND		10		ug/L			07/13/21 18:19	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 18:19	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 18:19	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 18:19	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 18:19	1
Dibromomethane	ND		10		ug/L			07/13/21 18:19	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 18:19	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 18:19	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 18:19	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 18:19	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 18:19	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 18:19	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 18:19	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 18:19	1
2-Hexanone	ND		50		ug/L			07/13/21 18:19	1
Iodomethane	ND		100		ug/L			07/13/21 18:19	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 18:19	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 18:19	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 18:19	1
o-Xylene	ND		5.0		ug/L			07/13/21 18:19	1
Styrene	ND		10		ug/L			07/13/21 18:19	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 18:19	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 18:19	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 18:19	1
Toluene	ND		2.0		ug/L			07/13/21 18:19	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 18:19	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 18:19	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 18:19	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 18:19	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 18:19	1
Trichloroethene	ND		2.0		ug/L			07/13/21 18:19	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 18:19	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 18:19	1
Vinyl acetate	ND		100		ug/L			07/13/21 18:19	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 18:19	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 18:19	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-8**

**Lab Sample ID: 680-201315-9**

Date Collected: 07/08/21 11:11

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130		07/13/21 18:19	1
Dibromofluoromethane (Surr)	102		70 - 130		07/13/21 18:19	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		07/13/21 18:19	1
Toluene-d8 (Surr)	92		70 - 130		07/13/21 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		07/13/21 08:13	07/13/21 19:01	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:01	1
<b>Barium</b>	<b>0.058</b>		0.020		mg/L		07/13/21 08:13	07/13/21 19:01	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 19:01	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 19:01	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:01	1
<b>Cobalt</b>	<b>0.030</b>		0.0060		mg/L		07/13/21 08:13	07/13/21 19:01	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:01	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 19:01	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:01	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:01	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:01	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 19:01	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:01	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:01	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-9**

**Lab Sample ID: 680-201315-10**

Date Collected: 07/06/21 11:36

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 18:44	1
Acrylonitrile	ND		50		ug/L			07/13/21 18:44	1
Benzene	ND		2.0		ug/L			07/13/21 18:44	1
Bromoform	ND		10		ug/L			07/13/21 18:44	1
Bromomethane	ND		10		ug/L			07/13/21 18:44	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 18:44	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 18:44	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 18:44	1
Chlorobenzene	ND		10		ug/L			07/13/21 18:44	1
Chlorobromomethane	ND		10		ug/L			07/13/21 18:44	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 18:44	1
Chloroethane	ND		5.0		ug/L			07/13/21 18:44	1
Chloroform	ND		2.0		ug/L			07/13/21 18:44	1
Chloromethane	ND		10		ug/L			07/13/21 18:44	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 18:44	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 18:44	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 18:44	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 18:44	1
Dibromomethane	ND		10		ug/L			07/13/21 18:44	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 18:44	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 18:44	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 18:44	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 18:44	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 18:44	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 18:44	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 18:44	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 18:44	1
2-Hexanone	ND		50		ug/L			07/13/21 18:44	1
Iodomethane	ND		100		ug/L			07/13/21 18:44	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 18:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 18:44	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 18:44	1
o-Xylene	ND		5.0		ug/L			07/13/21 18:44	1
Styrene	ND		10		ug/L			07/13/21 18:44	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 18:44	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 18:44	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 18:44	1
Toluene	ND		2.0		ug/L			07/13/21 18:44	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 18:44	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 18:44	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 18:44	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 18:44	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 18:44	1
Trichloroethene	ND		2.0		ug/L			07/13/21 18:44	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 18:44	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 18:44	1
Vinyl acetate	ND		100		ug/L			07/13/21 18:44	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 18:44	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 18:44	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-9**  
**Date Collected: 07/06/21 11:36**  
**Date Received: 07/10/21 11:55**

**Lab Sample ID: 680-201315-10**  
**Matrix: Ground Water**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130		07/13/21 18:44	1
Dibromofluoromethane (Surr)	101		70 - 130		07/13/21 18:44	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 124		07/13/21 18:44	1
Toluene-d8 (Surr)	95		70 - 130		07/13/21 18:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:05	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:05	1
<b>Barium</b>	<b>0.30</b>		0.020		mg/L		07/13/21 08:13	07/13/21 19:05	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 19:05	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 19:05	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:05	1
<b>Cobalt</b>	<b>0.11</b>		0.0060		mg/L		07/13/21 08:13	07/13/21 19:05	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:05	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 19:05	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:05	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:05	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:05	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 19:05	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:05	1
<b>Zinc</b>	<b>0.097</b>		0.020		mg/L		07/13/21 08:13	07/13/21 19:05	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-10D**

**Lab Sample ID: 680-201315-11**

Date Collected: 07/08/21 11:42

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 19:08	1
Acrylonitrile	ND		50		ug/L			07/13/21 19:08	1
Benzene	ND		2.0		ug/L			07/13/21 19:08	1
Bromoform	ND		10		ug/L			07/13/21 19:08	1
Bromomethane	ND		10		ug/L			07/13/21 19:08	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 19:08	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 19:08	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 19:08	1
Chlorobenzene	ND		10		ug/L			07/13/21 19:08	1
Chlorobromomethane	ND		10		ug/L			07/13/21 19:08	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 19:08	1
Chloroethane	ND		5.0		ug/L			07/13/21 19:08	1
Chloroform	ND		2.0		ug/L			07/13/21 19:08	1
Chloromethane	ND		10		ug/L			07/13/21 19:08	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:08	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:08	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 19:08	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 19:08	1
Dibromomethane	ND		10		ug/L			07/13/21 19:08	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 19:08	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 19:08	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 19:08	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 19:08	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 19:08	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 19:08	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 19:08	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 19:08	1
2-Hexanone	ND		50		ug/L			07/13/21 19:08	1
Iodomethane	ND		100		ug/L			07/13/21 19:08	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 19:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 19:08	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 19:08	1
o-Xylene	ND		5.0		ug/L			07/13/21 19:08	1
Styrene	ND		10		ug/L			07/13/21 19:08	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:08	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:08	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 19:08	1
Toluene	ND		2.0		ug/L			07/13/21 19:08	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 19:08	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:08	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:08	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 19:08	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 19:08	1
Trichloroethene	ND		2.0		ug/L			07/13/21 19:08	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 19:08	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 19:08	1
Vinyl acetate	ND		100		ug/L			07/13/21 19:08	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 19:08	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 19:08	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-10D**

**Lab Sample ID: 680-201315-11**

Date Collected: 07/08/21 11:42

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130		07/13/21 19:08	1
Dibromofluoromethane (Surr)	100		70 - 130		07/13/21 19:08	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 124		07/13/21 19:08	1
Toluene-d8 (Surr)	92		70 - 130		07/13/21 19:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:08	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:08	1
<b>Barium</b>	<b>0.080</b>		0.020		mg/L		07/13/21 08:13	07/13/21 19:08	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 19:08	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 19:08	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:08	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:08	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:08	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 19:08	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:08	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:08	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:08	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 19:08	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:08	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:08	1



# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-11**

**Lab Sample ID: 680-201315-12**

Date Collected: 07/06/21 12:44

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 19:33	1
Acrylonitrile	ND		50		ug/L			07/13/21 19:33	1
<b>Benzene</b>	<b>2.8</b>		2.0		ug/L			07/13/21 19:33	1
Bromoform	ND		10		ug/L			07/13/21 19:33	1
Bromomethane	ND		10		ug/L			07/13/21 19:33	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 19:33	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 19:33	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 19:33	1
Chlorobenzene	ND		10		ug/L			07/13/21 19:33	1
Chlorobromomethane	ND		10		ug/L			07/13/21 19:33	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 19:33	1
Chloroethane	ND		5.0		ug/L			07/13/21 19:33	1
Chloroform	ND		2.0		ug/L			07/13/21 19:33	1
Chloromethane	ND		10		ug/L			07/13/21 19:33	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:33	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:33	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 19:33	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 19:33	1
Dibromomethane	ND		10		ug/L			07/13/21 19:33	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 19:33	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 19:33	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 19:33	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 19:33	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 19:33	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 19:33	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 19:33	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 19:33	1
2-Hexanone	ND		50		ug/L			07/13/21 19:33	1
Iodomethane	ND		100		ug/L			07/13/21 19:33	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 19:33	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 19:33	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 19:33	1
o-Xylene	ND		5.0		ug/L			07/13/21 19:33	1
Styrene	ND		10		ug/L			07/13/21 19:33	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:33	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:33	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 19:33	1
Toluene	ND		2.0		ug/L			07/13/21 19:33	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 19:33	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:33	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:33	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 19:33	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 19:33	1
Trichloroethene	ND		2.0		ug/L			07/13/21 19:33	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 19:33	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 19:33	1
Vinyl acetate	ND		100		ug/L			07/13/21 19:33	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 19:33	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 19:33	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-11**

**Lab Sample ID: 680-201315-12**

Date Collected: 07/06/21 12:44

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130		07/13/21 19:33	1
Dibromofluoromethane (Surr)	103		70 - 130		07/13/21 19:33	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 124		07/13/21 19:33	1
Toluene-d8 (Surr)	95		70 - 130		07/13/21 19:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:44	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:44	1
<b>Barium</b>	<b>0.60</b>		0.020		mg/L		07/13/21 08:13	07/13/21 19:44	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 19:44	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 19:44	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:44	1
<b>Cobalt</b>	<b>0.14</b>		0.0060		mg/L		07/13/21 08:13	07/13/21 19:44	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:44	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 19:44	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:44	1
<b>Selenium</b>	<b>0.023</b>		0.010		mg/L		07/13/21 08:13	07/13/21 19:44	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:44	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 19:44	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:44	1
<b>Zinc</b>	<b>0.10</b>		0.020		mg/L		07/13/21 08:13	07/13/21 19:44	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-13R**

**Lab Sample ID: 680-201315-13**

Date Collected: 07/07/21 14:52

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 19:57	1
Acrylonitrile	ND		50		ug/L			07/13/21 19:57	1
Benzene	ND		2.0		ug/L			07/13/21 19:57	1
Bromoform	ND		10		ug/L			07/13/21 19:57	1
Bromomethane	ND		10		ug/L			07/13/21 19:57	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 19:57	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 19:57	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 19:57	1
Chlorobenzene	ND		10		ug/L			07/13/21 19:57	1
Chlorobromomethane	ND		10		ug/L			07/13/21 19:57	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 19:57	1
Chloroethane	ND		5.0		ug/L			07/13/21 19:57	1
Chloroform	ND		2.0		ug/L			07/13/21 19:57	1
Chloromethane	ND		10		ug/L			07/13/21 19:57	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:57	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:57	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 19:57	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 19:57	1
Dibromomethane	ND		10		ug/L			07/13/21 19:57	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 19:57	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 19:57	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 19:57	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 19:57	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 19:57	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 19:57	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 19:57	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 19:57	1
2-Hexanone	ND		50		ug/L			07/13/21 19:57	1
Iodomethane	ND		100		ug/L			07/13/21 19:57	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 19:57	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 19:57	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 19:57	1
o-Xylene	ND		5.0		ug/L			07/13/21 19:57	1
Styrene	ND		10		ug/L			07/13/21 19:57	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:57	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:57	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 19:57	1
Toluene	ND		2.0		ug/L			07/13/21 19:57	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 19:57	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:57	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:57	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 19:57	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 19:57	1
Trichloroethene	ND		2.0		ug/L			07/13/21 19:57	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 19:57	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 19:57	1
Vinyl acetate	ND		100		ug/L			07/13/21 19:57	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 19:57	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 19:57	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-13R**

**Lab Sample ID: 680-201315-13**

Date Collected: 07/07/21 14:52

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130		07/13/21 19:57	1
Dibromofluoromethane (Surr)	102		70 - 130		07/13/21 19:57	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 124		07/13/21 19:57	1
Toluene-d8 (Surr)	95		70 - 130		07/13/21 19:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:30	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:30	1
<b>Barium</b>	<b>0.037</b>		0.020		mg/L		07/13/21 08:13	07/13/21 19:30	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 19:30	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 19:30	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:30	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:30	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:30	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 19:30	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:30	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:30	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:30	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 19:30	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:30	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:30	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-14R**

**Lab Sample ID: 680-201315-14**

Date Collected: 07/08/21 12:20

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 20:22	1
Acrylonitrile	ND		50		ug/L			07/13/21 20:22	1
Benzene	ND		2.0		ug/L			07/13/21 20:22	1
Bromoform	ND		10		ug/L			07/13/21 20:22	1
Bromomethane	ND		10		ug/L			07/13/21 20:22	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 20:22	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 20:22	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 20:22	1
Chlorobenzene	ND		10		ug/L			07/13/21 20:22	1
Chlorobromomethane	ND		10		ug/L			07/13/21 20:22	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 20:22	1
Chloroethane	ND		5.0		ug/L			07/13/21 20:22	1
Chloroform	ND		2.0		ug/L			07/13/21 20:22	1
Chloromethane	ND		10		ug/L			07/13/21 20:22	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:22	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:22	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 20:22	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 20:22	1
Dibromomethane	ND		10		ug/L			07/13/21 20:22	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 20:22	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 20:22	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 20:22	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 20:22	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 20:22	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 20:22	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 20:22	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 20:22	1
2-Hexanone	ND		50		ug/L			07/13/21 20:22	1
Iodomethane	ND		100		ug/L			07/13/21 20:22	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 20:22	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 20:22	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 20:22	1
o-Xylene	ND		5.0		ug/L			07/13/21 20:22	1
Styrene	ND		10		ug/L			07/13/21 20:22	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:22	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:22	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 20:22	1
Toluene	ND		2.0		ug/L			07/13/21 20:22	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 20:22	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:22	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:22	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 20:22	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 20:22	1
Trichloroethene	ND		2.0		ug/L			07/13/21 20:22	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 20:22	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 20:22	1
Vinyl acetate	ND		100		ug/L			07/13/21 20:22	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 20:22	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 20:22	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-14R**

**Lab Sample ID: 680-201315-14**

**Date Collected: 07/08/21 12:20**

**Matrix: Ground Water**

**Date Received: 07/10/21 11:55**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130		07/13/21 20:22	1
Dibromofluoromethane (Surr)	102		70 - 130		07/13/21 20:22	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		07/13/21 20:22	1
Toluene-d8 (Surr)	95		70 - 130		07/13/21 20:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:44	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:44	1
<b>Barium</b>	<b>0.023</b>		0.020		mg/L		07/13/21 08:13	07/13/21 18:44	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 18:44	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 18:44	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:44	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:44	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:44	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 18:44	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:44	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:44	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:44	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 18:44	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:44	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:44	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-15**

**Lab Sample ID: 680-201315-15**

Date Collected: 07/06/21 13:17

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 20:46	1
Acrylonitrile	ND		50		ug/L			07/13/21 20:46	1
Benzene	ND		2.0		ug/L			07/13/21 20:46	1
Bromoform	ND		10		ug/L			07/13/21 20:46	1
Bromomethane	ND		10		ug/L			07/13/21 20:46	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 20:46	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 20:46	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 20:46	1
Chlorobenzene	ND		10		ug/L			07/13/21 20:46	1
Chlorobromomethane	ND		10		ug/L			07/13/21 20:46	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 20:46	1
Chloroethane	ND		5.0		ug/L			07/13/21 20:46	1
Chloroform	ND		2.0		ug/L			07/13/21 20:46	1
Chloromethane	ND		10		ug/L			07/13/21 20:46	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:46	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:46	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 20:46	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 20:46	1
Dibromomethane	ND		10		ug/L			07/13/21 20:46	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 20:46	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 20:46	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 20:46	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 20:46	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 20:46	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 20:46	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 20:46	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 20:46	1
2-Hexanone	ND		50		ug/L			07/13/21 20:46	1
Iodomethane	ND		100		ug/L			07/13/21 20:46	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 20:46	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 20:46	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 20:46	1
o-Xylene	ND		5.0		ug/L			07/13/21 20:46	1
Styrene	ND		10		ug/L			07/13/21 20:46	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:46	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:46	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 20:46	1
Toluene	ND		2.0		ug/L			07/13/21 20:46	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 20:46	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:46	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:46	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 20:46	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 20:46	1
Trichloroethene	ND		2.0		ug/L			07/13/21 20:46	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 20:46	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 20:46	1
Vinyl acetate	ND		100		ug/L			07/13/21 20:46	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 20:46	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 20:46	1

Eurofins TestAmerica, Savannah



# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-15**

**Lab Sample ID: 680-201315-15**

Date Collected: 07/06/21 13:17

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130		07/13/21 20:46	1
Dibromofluoromethane (Surr)	102		70 - 130		07/13/21 20:46	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		07/13/21 20:46	1
Toluene-d8 (Surr)	96		70 - 130		07/13/21 20:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:47	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:47	1
<b>Barium</b>	<b>0.13</b>		0.020		mg/L		07/13/21 08:13	07/13/21 18:47	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 18:47	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 18:47	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:47	1
<b>Cobalt</b>	<b>0.0085</b>		0.0060		mg/L		07/13/21 08:13	07/13/21 18:47	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:47	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 18:47	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:47	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:47	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:47	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 18:47	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:47	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:47	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-16**

**Lab Sample ID: 680-201315-16**

Date Collected: 07/08/21 11:58

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 21:11	1
Acrylonitrile	ND		50		ug/L			07/13/21 21:11	1
Benzene	ND		2.0		ug/L			07/13/21 21:11	1
Bromoform	ND		10		ug/L			07/13/21 21:11	1
Bromomethane	ND		10		ug/L			07/13/21 21:11	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 21:11	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 21:11	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 21:11	1
Chlorobenzene	ND		10		ug/L			07/13/21 21:11	1
Chlorobromomethane	ND		10		ug/L			07/13/21 21:11	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 21:11	1
Chloroethane	ND		5.0		ug/L			07/13/21 21:11	1
Chloroform	ND		2.0		ug/L			07/13/21 21:11	1
Chloromethane	ND		10		ug/L			07/13/21 21:11	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 21:11	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 21:11	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 21:11	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 21:11	1
Dibromomethane	ND		10		ug/L			07/13/21 21:11	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 21:11	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 21:11	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 21:11	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 21:11	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 21:11	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 21:11	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 21:11	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 21:11	1
2-Hexanone	ND		50		ug/L			07/13/21 21:11	1
Iodomethane	ND		100		ug/L			07/13/21 21:11	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 21:11	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 21:11	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 21:11	1
o-Xylene	ND		5.0		ug/L			07/13/21 21:11	1
Styrene	ND		10		ug/L			07/13/21 21:11	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 21:11	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 21:11	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 21:11	1
Toluene	ND		2.0		ug/L			07/13/21 21:11	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 21:11	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 21:11	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 21:11	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 21:11	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 21:11	1
Trichloroethene	ND		2.0		ug/L			07/13/21 21:11	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 21:11	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 21:11	1
Vinyl acetate	ND		100		ug/L			07/13/21 21:11	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 21:11	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 21:11	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-16**

**Lab Sample ID: 680-201315-16**

Date Collected: 07/08/21 11:58

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130		07/13/21 21:11	1
Dibromofluoromethane (Surr)	102		70 - 130		07/13/21 21:11	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		07/13/21 21:11	1
Toluene-d8 (Surr)	95		70 - 130		07/13/21 21:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:08	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:08	1
<b>Barium</b>	<b>0.13</b>		0.020		mg/L		07/13/21 08:13	07/13/21 18:08	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 18:08	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 18:08	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:08	1
<b>Cobalt</b>	<b>0.016</b>		0.0060		mg/L		07/13/21 08:13	07/13/21 18:08	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:08	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 18:08	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:08	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:08	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:08	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 18:08	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:08	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:08	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-17**

**Lab Sample ID: 680-201315-17**

Date Collected: 07/06/21 14:08

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 21:35	1
Acrylonitrile	ND		50		ug/L			07/13/21 21:35	1
Benzene	ND		2.0		ug/L			07/13/21 21:35	1
Bromoform	ND		10		ug/L			07/13/21 21:35	1
Bromomethane	ND		10		ug/L			07/13/21 21:35	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 21:35	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 21:35	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 21:35	1
Chlorobenzene	ND		10		ug/L			07/13/21 21:35	1
Chlorobromomethane	ND		10		ug/L			07/13/21 21:35	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 21:35	1
Chloroethane	ND		5.0		ug/L			07/13/21 21:35	1
Chloroform	ND		2.0		ug/L			07/13/21 21:35	1
Chloromethane	ND		10		ug/L			07/13/21 21:35	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 21:35	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 21:35	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 21:35	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 21:35	1
Dibromomethane	ND		10		ug/L			07/13/21 21:35	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 21:35	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 21:35	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 21:35	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 21:35	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 21:35	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 21:35	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 21:35	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 21:35	1
2-Hexanone	ND		50		ug/L			07/13/21 21:35	1
Iodomethane	ND		100		ug/L			07/13/21 21:35	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 21:35	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 21:35	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 21:35	1
o-Xylene	ND		5.0		ug/L			07/13/21 21:35	1
Styrene	ND		10		ug/L			07/13/21 21:35	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 21:35	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 21:35	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 21:35	1
Toluene	ND		2.0		ug/L			07/13/21 21:35	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 21:35	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 21:35	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 21:35	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 21:35	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 21:35	1
Trichloroethene	ND		2.0		ug/L			07/13/21 21:35	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 21:35	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 21:35	1
Vinyl acetate	ND		100		ug/L			07/13/21 21:35	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 21:35	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 21:35	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-17**

**Lab Sample ID: 680-201315-17**

**Date Collected: 07/06/21 14:08**

**Matrix: Ground Water**

**Date Received: 07/10/21 11:55**

<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)	91		70 - 130		07/13/21 21:35	1
Dibromofluoromethane (Surr)	102		70 - 130		07/13/21 21:35	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		07/13/21 21:35	1
Toluene-d8 (Surr)	94		70 - 130		07/13/21 21:35	1

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-17**

**Lab Sample ID: 680-201315-18**

Date Collected: 07/07/21 09:45

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:26	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:26	1
<b>Barium</b>	<b>0.030</b>		0.020		mg/L		07/13/21 08:13	07/13/21 18:26	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 18:26	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 18:26	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:26	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:26	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:26	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 18:26	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:26	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:26	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:26	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 18:26	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:26	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:26	1



# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-18**

**Lab Sample ID: 680-201315-19**

Date Collected: 07/06/21 15:11

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 14:40	1
Acrylonitrile	ND		50		ug/L			07/13/21 14:40	1
Benzene	ND		2.0		ug/L			07/13/21 14:40	1
Bromoform	ND		10		ug/L			07/13/21 14:40	1
Bromomethane	ND		10		ug/L			07/13/21 14:40	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 14:40	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 14:40	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 14:40	1
Chlorobenzene	ND		10		ug/L			07/13/21 14:40	1
Chlorobromomethane	ND		10		ug/L			07/13/21 14:40	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 14:40	1
Chloroethane	ND		5.0		ug/L			07/13/21 14:40	1
Chloroform	ND		2.0		ug/L			07/13/21 14:40	1
Chloromethane	ND		10		ug/L			07/13/21 14:40	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 14:40	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 14:40	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 14:40	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 14:40	1
Dibromomethane	ND		10		ug/L			07/13/21 14:40	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 14:40	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 14:40	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 14:40	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 14:40	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 14:40	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 14:40	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 14:40	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 14:40	1
2-Hexanone	ND		50		ug/L			07/13/21 14:40	1
Iodomethane	ND		100		ug/L			07/13/21 14:40	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 14:40	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 14:40	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 14:40	1
o-Xylene	ND		5.0		ug/L			07/13/21 14:40	1
Styrene	ND		10		ug/L			07/13/21 14:40	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 14:40	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 14:40	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 14:40	1
Toluene	ND		2.0		ug/L			07/13/21 14:40	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 14:40	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 14:40	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 14:40	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 14:40	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 14:40	1
Trichloroethene	ND		2.0		ug/L			07/13/21 14:40	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 14:40	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 14:40	1
Vinyl acetate	ND		100		ug/L			07/13/21 14:40	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 14:40	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 14:40	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-18**

**Lab Sample ID: 680-201315-19**

**Date Collected: 07/06/21 15:11**

**Matrix: Ground Water**

**Date Received: 07/10/21 11:55**

<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)	98		70 - 130		07/13/21 14:40	1
Dibromofluoromethane (Surr)	100		70 - 130		07/13/21 14:40	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 124		07/13/21 14:40	1
Toluene-d8 (Surr)	100		70 - 130		07/13/21 14:40	1



# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-18**

**Lab Sample ID: 680-201315-20**

Date Collected: 07/07/21 09:58

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:40	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:40	1
<b>Barium</b>	<b>0.026</b>		0.020		mg/L		07/13/21 08:18	07/13/21 16:40	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 16:40	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 16:40	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:40	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:40	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:40	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 16:40	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:40	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:40	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:40	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 16:40	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:40	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:40	1



# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-19**

**Lab Sample ID: 680-201315-21**

Date Collected: 07/08/21 10:21

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 15:01	1
Acrylonitrile	ND		50		ug/L			07/13/21 15:01	1
Benzene	ND		2.0		ug/L			07/13/21 15:01	1
Bromoform	ND		10		ug/L			07/13/21 15:01	1
Bromomethane	ND		10		ug/L			07/13/21 15:01	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 15:01	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 15:01	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 15:01	1
Chlorobenzene	ND		10		ug/L			07/13/21 15:01	1
Chlorobromomethane	ND		10		ug/L			07/13/21 15:01	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 15:01	1
Chloroethane	ND		5.0		ug/L			07/13/21 15:01	1
Chloroform	ND		2.0		ug/L			07/13/21 15:01	1
Chloromethane	ND		10		ug/L			07/13/21 15:01	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 15:01	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 15:01	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 15:01	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 15:01	1
Dibromomethane	ND		10		ug/L			07/13/21 15:01	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 15:01	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 15:01	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 15:01	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 15:01	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 15:01	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 15:01	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 15:01	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 15:01	1
2-Hexanone	ND		50		ug/L			07/13/21 15:01	1
Iodomethane	ND		100		ug/L			07/13/21 15:01	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 15:01	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 15:01	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 15:01	1
o-Xylene	ND		5.0		ug/L			07/13/21 15:01	1
Styrene	ND		10		ug/L			07/13/21 15:01	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 15:01	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 15:01	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 15:01	1
Toluene	ND		2.0		ug/L			07/13/21 15:01	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 15:01	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 15:01	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 15:01	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 15:01	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 15:01	1
Trichloroethene	ND		2.0		ug/L			07/13/21 15:01	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 15:01	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 15:01	1
Vinyl acetate	ND		100		ug/L			07/13/21 15:01	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 15:01	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 15:01	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-19**

**Lab Sample ID: 680-201315-21**

Date Collected: 07/08/21 10:21

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		07/13/21 15:01	1
Dibromofluoromethane (Surr)	101		70 - 130		07/13/21 15:01	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 124		07/13/21 15:01	1
Toluene-d8 (Surr)	103		70 - 130		07/13/21 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:33	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:33	1
Barium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:33	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 19:33	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 19:33	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:33	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:33	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:33	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 19:33	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:33	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:33	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:33	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 19:33	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:33	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:33	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-21**

**Lab Sample ID: 680-201315-23**

Date Collected: 07/08/21 11:34

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 15:21	1
Acrylonitrile	ND		50		ug/L			07/13/21 15:21	1
Benzene	ND		2.0		ug/L			07/13/21 15:21	1
Bromoform	ND		10		ug/L			07/13/21 15:21	1
Bromomethane	ND		10		ug/L			07/13/21 15:21	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 15:21	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 15:21	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 15:21	1
Chlorobenzene	ND		10		ug/L			07/13/21 15:21	1
Chlorobromomethane	ND		10		ug/L			07/13/21 15:21	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 15:21	1
Chloroethane	ND		5.0		ug/L			07/13/21 15:21	1
Chloroform	ND		2.0		ug/L			07/13/21 15:21	1
Chloromethane	ND		10		ug/L			07/13/21 15:21	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 15:21	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 15:21	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 15:21	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 15:21	1
Dibromomethane	ND		10		ug/L			07/13/21 15:21	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 15:21	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 15:21	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 15:21	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 15:21	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 15:21	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 15:21	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 15:21	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 15:21	1
2-Hexanone	ND		50		ug/L			07/13/21 15:21	1
Iodomethane	ND		100		ug/L			07/13/21 15:21	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 15:21	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 15:21	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 15:21	1
o-Xylene	ND		5.0		ug/L			07/13/21 15:21	1
Styrene	ND		10		ug/L			07/13/21 15:21	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 15:21	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 15:21	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 15:21	1
Toluene	ND		2.0		ug/L			07/13/21 15:21	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 15:21	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 15:21	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 15:21	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 15:21	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 15:21	1
Trichloroethene	ND		2.0		ug/L			07/13/21 15:21	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 15:21	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 15:21	1
Vinyl acetate	ND		100		ug/L			07/13/21 15:21	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 15:21	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 15:21	1

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-21**

**Lab Sample ID: 680-201315-23**

Date Collected: 07/08/21 11:34

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130		07/13/21 15:21	1
Dibromofluoromethane (Surr)	100		70 - 130		07/13/21 15:21	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 124		07/13/21 15:21	1
Toluene-d8 (Surr)	101		70 - 130		07/13/21 15:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:37	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:37	1
Barium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:37	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 19:37	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 19:37	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:37	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:37	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:37	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 19:37	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:37	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:37	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:37	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 19:37	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:37	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:37	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-22**

**Lab Sample ID: 680-201315-24**

Date Collected: 07/07/21 12:37

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 15:42	1
Acrylonitrile	ND		50		ug/L			07/13/21 15:42	1
Benzene	ND		2.0		ug/L			07/13/21 15:42	1
Bromoform	ND		10		ug/L			07/13/21 15:42	1
Bromomethane	ND		10		ug/L			07/13/21 15:42	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 15:42	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 15:42	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 15:42	1
Chlorobenzene	ND		10		ug/L			07/13/21 15:42	1
Chlorobromomethane	ND		10		ug/L			07/13/21 15:42	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 15:42	1
Chloroethane	ND		5.0		ug/L			07/13/21 15:42	1
Chloroform	ND		2.0		ug/L			07/13/21 15:42	1
Chloromethane	ND		10		ug/L			07/13/21 15:42	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 15:42	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 15:42	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 15:42	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 15:42	1
Dibromomethane	ND		10		ug/L			07/13/21 15:42	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 15:42	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 15:42	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 15:42	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 15:42	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 15:42	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 15:42	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 15:42	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 15:42	1
2-Hexanone	ND		50		ug/L			07/13/21 15:42	1
Iodomethane	ND		100		ug/L			07/13/21 15:42	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 15:42	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 15:42	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 15:42	1
o-Xylene	ND		5.0		ug/L			07/13/21 15:42	1
Styrene	ND		10		ug/L			07/13/21 15:42	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 15:42	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 15:42	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 15:42	1
Toluene	ND		2.0		ug/L			07/13/21 15:42	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 15:42	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 15:42	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 15:42	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 15:42	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 15:42	1
Trichloroethene	ND		2.0		ug/L			07/13/21 15:42	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 15:42	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 15:42	1
Vinyl acetate	ND		100		ug/L			07/13/21 15:42	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 15:42	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 15:42	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-22**

**Lab Sample ID: 680-201315-24**

Date Collected: 07/07/21 12:37

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		07/13/21 15:42	1
Dibromofluoromethane (Surr)	97		70 - 130		07/13/21 15:42	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		07/13/21 15:42	1
Toluene-d8 (Surr)	102		70 - 130		07/13/21 15:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:40	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:40	1
Barium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:40	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 19:40	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 19:40	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:40	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:40	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:40	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 19:40	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:40	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:40	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:40	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 19:40	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:40	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:40	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-23**

**Lab Sample ID: 680-201315-25**

Date Collected: 07/07/21 13:16

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 16:02	1
Acrylonitrile	ND		50		ug/L			07/13/21 16:02	1
Benzene	ND		2.0		ug/L			07/13/21 16:02	1
Bromoform	ND		10		ug/L			07/13/21 16:02	1
Bromomethane	ND		10		ug/L			07/13/21 16:02	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 16:02	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 16:02	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 16:02	1
Chlorobenzene	ND		10		ug/L			07/13/21 16:02	1
Chlorobromomethane	ND		10		ug/L			07/13/21 16:02	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 16:02	1
Chloroethane	ND		5.0		ug/L			07/13/21 16:02	1
Chloroform	ND		2.0		ug/L			07/13/21 16:02	1
Chloromethane	ND		10		ug/L			07/13/21 16:02	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:02	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:02	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 16:02	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 16:02	1
Dibromomethane	ND		10		ug/L			07/13/21 16:02	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 16:02	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 16:02	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 16:02	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 16:02	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 16:02	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 16:02	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 16:02	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 16:02	1
2-Hexanone	ND		50		ug/L			07/13/21 16:02	1
Iodomethane	ND		100		ug/L			07/13/21 16:02	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 16:02	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 16:02	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 16:02	1
o-Xylene	ND		5.0		ug/L			07/13/21 16:02	1
Styrene	ND		10		ug/L			07/13/21 16:02	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:02	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:02	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 16:02	1
Toluene	ND		2.0		ug/L			07/13/21 16:02	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 16:02	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:02	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:02	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 16:02	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 16:02	1
Trichloroethene	ND		2.0		ug/L			07/13/21 16:02	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 16:02	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 16:02	1
Vinyl acetate	ND		100		ug/L			07/13/21 16:02	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 16:02	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 16:02	1



# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-23**

**Lab Sample ID: 680-201315-25**

Date Collected: 07/07/21 13:16

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130		07/13/21 16:02	1
Dibromofluoromethane (Surr)	101		70 - 130		07/13/21 16:02	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 124		07/13/21 16:02	1
Toluene-d8 (Surr)	100		70 - 130		07/13/21 16:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:33	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:33	1
Barium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:33	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 18:33	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 18:33	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:33	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:33	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:33	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 18:33	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:33	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:33	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:33	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 18:33	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:33	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:33	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-24**

**Lab Sample ID: 680-201315-26**

Date Collected: 07/07/21 14:26

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 16:23	1
Acrylonitrile	ND		50		ug/L			07/13/21 16:23	1
Benzene	ND		2.0		ug/L			07/13/21 16:23	1
Bromoform	ND		10		ug/L			07/13/21 16:23	1
Bromomethane	ND		10		ug/L			07/13/21 16:23	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 16:23	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 16:23	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 16:23	1
Chlorobenzene	ND		10		ug/L			07/13/21 16:23	1
Chlorobromomethane	ND		10		ug/L			07/13/21 16:23	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 16:23	1
Chloroethane	ND		5.0		ug/L			07/13/21 16:23	1
Chloroform	ND		2.0		ug/L			07/13/21 16:23	1
Chloromethane	ND		10		ug/L			07/13/21 16:23	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:23	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:23	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 16:23	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 16:23	1
Dibromomethane	ND		10		ug/L			07/13/21 16:23	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 16:23	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 16:23	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 16:23	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 16:23	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 16:23	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 16:23	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 16:23	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 16:23	1
2-Hexanone	ND		50		ug/L			07/13/21 16:23	1
Iodomethane	ND		100		ug/L			07/13/21 16:23	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 16:23	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 16:23	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 16:23	1
o-Xylene	ND		5.0		ug/L			07/13/21 16:23	1
Styrene	ND		10		ug/L			07/13/21 16:23	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:23	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:23	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 16:23	1
Toluene	ND		2.0		ug/L			07/13/21 16:23	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 16:23	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:23	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:23	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 16:23	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 16:23	1
Trichloroethene	ND		2.0		ug/L			07/13/21 16:23	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 16:23	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 16:23	1
Vinyl acetate	ND		100		ug/L			07/13/21 16:23	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 16:23	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 16:23	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-24**

**Lab Sample ID: 680-201315-26**

Date Collected: 07/07/21 14:26

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		07/13/21 16:23	1
Dibromofluoromethane (Surr)	97		70 - 130		07/13/21 16:23	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 124		07/13/21 16:23	1
Toluene-d8 (Surr)	103		70 - 130		07/13/21 16:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:58	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:58	1
Barium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:58	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 16:58	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 16:58	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:58	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:58	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:58	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 16:58	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:58	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:58	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:58	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 16:58	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:58	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:58	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-25**

**Lab Sample ID: 680-201315-27**

Date Collected: 07/07/21 13:51

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 16:43	1
Acrylonitrile	ND		50		ug/L			07/13/21 16:43	1
Benzene	ND		2.0		ug/L			07/13/21 16:43	1
Bromoform	ND		10		ug/L			07/13/21 16:43	1
Bromomethane	ND		10		ug/L			07/13/21 16:43	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 16:43	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 16:43	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 16:43	1
Chlorobenzene	ND		10		ug/L			07/13/21 16:43	1
Chlorobromomethane	ND		10		ug/L			07/13/21 16:43	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 16:43	1
Chloroethane	ND		5.0		ug/L			07/13/21 16:43	1
Chloroform	ND		2.0		ug/L			07/13/21 16:43	1
Chloromethane	ND		10		ug/L			07/13/21 16:43	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:43	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:43	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 16:43	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 16:43	1
Dibromomethane	ND		10		ug/L			07/13/21 16:43	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 16:43	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 16:43	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 16:43	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 16:43	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 16:43	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 16:43	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 16:43	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 16:43	1
2-Hexanone	ND		50		ug/L			07/13/21 16:43	1
Iodomethane	ND		100		ug/L			07/13/21 16:43	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 16:43	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 16:43	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 16:43	1
o-Xylene	ND		5.0		ug/L			07/13/21 16:43	1
Styrene	ND		10		ug/L			07/13/21 16:43	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:43	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 16:43	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 16:43	1
Toluene	ND		2.0		ug/L			07/13/21 16:43	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 16:43	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 16:43	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 16:43	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 16:43	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 16:43	1
Trichloroethene	ND		2.0		ug/L			07/13/21 16:43	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 16:43	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 16:43	1
Vinyl acetate	ND		100		ug/L			07/13/21 16:43	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 16:43	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 16:43	1

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-25**

**Lab Sample ID: 680-201315-27**

Date Collected: 07/07/21 13:51

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130		07/13/21 16:43	1
Dibromofluoromethane (Surr)	100		70 - 130		07/13/21 16:43	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 124		07/13/21 16:43	1
Toluene-d8 (Surr)	102		70 - 130		07/13/21 16:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:16	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:16	1
Barium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:16	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 19:16	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 19:16	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:16	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 19:16	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:16	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 19:16	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:16	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:16	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 19:16	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 19:16	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:16	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 19:16	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-26**

**Lab Sample ID: 680-201315-28**

Date Collected: 07/08/21 10:57

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 17:04	1
Acrylonitrile	ND		50		ug/L			07/13/21 17:04	1
Benzene	ND		2.0		ug/L			07/13/21 17:04	1
Bromoform	ND		10		ug/L			07/13/21 17:04	1
Bromomethane	ND		10		ug/L			07/13/21 17:04	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 17:04	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 17:04	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 17:04	1
Chlorobenzene	ND		10		ug/L			07/13/21 17:04	1
Chlorobromomethane	ND		10		ug/L			07/13/21 17:04	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 17:04	1
Chloroethane	ND		5.0		ug/L			07/13/21 17:04	1
Chloroform	ND		2.0		ug/L			07/13/21 17:04	1
Chloromethane	ND		10		ug/L			07/13/21 17:04	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:04	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:04	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 17:04	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 17:04	1
Dibromomethane	ND		10		ug/L			07/13/21 17:04	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 17:04	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 17:04	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 17:04	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 17:04	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 17:04	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 17:04	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 17:04	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 17:04	1
2-Hexanone	ND		50		ug/L			07/13/21 17:04	1
Iodomethane	ND		100		ug/L			07/13/21 17:04	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 17:04	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 17:04	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 17:04	1
o-Xylene	ND		5.0		ug/L			07/13/21 17:04	1
Styrene	ND		10		ug/L			07/13/21 17:04	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:04	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:04	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 17:04	1
Toluene	ND		2.0		ug/L			07/13/21 17:04	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 17:04	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:04	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:04	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 17:04	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 17:04	1
Trichloroethene	ND		2.0		ug/L			07/13/21 17:04	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 17:04	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 17:04	1
Vinyl acetate	ND		100		ug/L			07/13/21 17:04	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 17:04	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 17:04	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-26**

**Lab Sample ID: 680-201315-28**

Date Collected: 07/08/21 10:57

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		07/13/21 17:04	1
Dibromofluoromethane (Surr)	96		70 - 130		07/13/21 17:04	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 124		07/13/21 17:04	1
Toluene-d8 (Surr)	96		70 - 130		07/13/21 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:26	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:26	1
<b>Barium</b>	<b>0.020</b>		0.020		mg/L		07/13/21 08:18	07/13/21 17:26	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 17:26	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 17:26	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:26	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:26	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:26	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 17:26	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:26	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:26	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:26	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 17:26	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:26	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:26	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-27**

**Lab Sample ID: 680-201315-29**

Date Collected: 07/06/21 15:48

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 17:24	1
Acrylonitrile	ND		50		ug/L			07/13/21 17:24	1
Benzene	ND		2.0		ug/L			07/13/21 17:24	1
Bromoform	ND		10		ug/L			07/13/21 17:24	1
Bromomethane	ND		10		ug/L			07/13/21 17:24	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 17:24	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 17:24	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 17:24	1
Chlorobenzene	ND		10		ug/L			07/13/21 17:24	1
Chlorobromomethane	ND		10		ug/L			07/13/21 17:24	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 17:24	1
Chloroethane	ND		5.0		ug/L			07/13/21 17:24	1
Chloroform	ND		2.0		ug/L			07/13/21 17:24	1
Chloromethane	ND		10		ug/L			07/13/21 17:24	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:24	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:24	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 17:24	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 17:24	1
Dibromomethane	ND		10		ug/L			07/13/21 17:24	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 17:24	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 17:24	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 17:24	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 17:24	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 17:24	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 17:24	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 17:24	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 17:24	1
2-Hexanone	ND		50		ug/L			07/13/21 17:24	1
Iodomethane	ND		100		ug/L			07/13/21 17:24	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 17:24	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 17:24	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 17:24	1
o-Xylene	ND		5.0		ug/L			07/13/21 17:24	1
Styrene	ND		10		ug/L			07/13/21 17:24	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:24	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:24	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 17:24	1
Toluene	ND		2.0		ug/L			07/13/21 17:24	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 17:24	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:24	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:24	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 17:24	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 17:24	1
Trichloroethene	ND		2.0		ug/L			07/13/21 17:24	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 17:24	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 17:24	1
Vinyl acetate	ND		100		ug/L			07/13/21 17:24	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 17:24	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 17:24	1

Eurofins TestAmerica, Savannah



# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-27**

**Lab Sample ID: 680-201315-29**

Date Collected: 07/06/21 15:48

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130		07/13/21 17:24	1
Dibromofluoromethane (Surr)	99		70 - 130		07/13/21 17:24	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 124		07/13/21 17:24	1
Toluene-d8 (Surr)	102		70 - 130		07/13/21 17:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:37	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:37	1
Barium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:37	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 17:37	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 17:37	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:37	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:37	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:37	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 17:37	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:37	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:37	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:37	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 17:37	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:37	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:37	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-28**

**Lab Sample ID: 680-201315-30**

Date Collected: 07/07/21 11:24

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 17:45	1
Acrylonitrile	ND		50		ug/L			07/13/21 17:45	1
Benzene	ND		2.0		ug/L			07/13/21 17:45	1
Bromoform	ND		10		ug/L			07/13/21 17:45	1
Bromomethane	ND		10		ug/L			07/13/21 17:45	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 17:45	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 17:45	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 17:45	1
Chlorobenzene	ND		10		ug/L			07/13/21 17:45	1
Chlorobromomethane	ND		10		ug/L			07/13/21 17:45	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 17:45	1
Chloroethane	ND		5.0		ug/L			07/13/21 17:45	1
Chloroform	ND		2.0		ug/L			07/13/21 17:45	1
Chloromethane	ND		10		ug/L			07/13/21 17:45	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:45	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:45	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 17:45	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 17:45	1
Dibromomethane	ND		10		ug/L			07/13/21 17:45	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 17:45	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 17:45	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 17:45	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 17:45	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 17:45	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 17:45	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 17:45	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 17:45	1
2-Hexanone	ND		50		ug/L			07/13/21 17:45	1
Iodomethane	ND		100		ug/L			07/13/21 17:45	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 17:45	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 17:45	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 17:45	1
o-Xylene	ND		5.0		ug/L			07/13/21 17:45	1
Styrene	ND		10		ug/L			07/13/21 17:45	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:45	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 17:45	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 17:45	1
Toluene	ND		2.0		ug/L			07/13/21 17:45	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 17:45	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 17:45	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 17:45	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 17:45	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 17:45	1
Trichloroethene	ND		2.0		ug/L			07/13/21 17:45	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 17:45	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 17:45	1
Vinyl acetate	ND		100		ug/L			07/13/21 17:45	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 17:45	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 17:45	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-28**

**Lab Sample ID: 680-201315-30**

Date Collected: 07/07/21 11:24

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		07/13/21 17:45	1
Dibromofluoromethane (Surr)	101		70 - 130		07/13/21 17:45	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 124		07/13/21 17:45	1
Toluene-d8 (Surr)	103		70 - 130		07/13/21 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:30	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:30	1
Barium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:30	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 18:30	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 18:30	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:30	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:30	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:30	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 18:30	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:30	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:30	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:30	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 18:30	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:30	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:30	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-29**

**Lab Sample ID: 680-201315-31**

Date Collected: 07/07/21 12:03

Matrix: Ground Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 18:05	1
Acrylonitrile	ND		50		ug/L			07/13/21 18:05	1
Benzene	ND		2.0		ug/L			07/13/21 18:05	1
Bromoform	ND		10		ug/L			07/13/21 18:05	1
Bromomethane	ND		10		ug/L			07/13/21 18:05	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 18:05	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 18:05	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 18:05	1
Chlorobenzene	ND		10		ug/L			07/13/21 18:05	1
Chlorobromomethane	ND		10		ug/L			07/13/21 18:05	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 18:05	1
Chloroethane	ND		5.0		ug/L			07/13/21 18:05	1
Chloroform	ND		2.0		ug/L			07/13/21 18:05	1
Chloromethane	ND		10		ug/L			07/13/21 18:05	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 18:05	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 18:05	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 18:05	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 18:05	1
Dibromomethane	ND		10		ug/L			07/13/21 18:05	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 18:05	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 18:05	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 18:05	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 18:05	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 18:05	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 18:05	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 18:05	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 18:05	1
2-Hexanone	ND		50		ug/L			07/13/21 18:05	1
Iodomethane	ND		100		ug/L			07/13/21 18:05	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 18:05	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 18:05	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 18:05	1
o-Xylene	ND		5.0		ug/L			07/13/21 18:05	1
Styrene	ND		10		ug/L			07/13/21 18:05	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 18:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 18:05	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 18:05	1
Toluene	ND		2.0		ug/L			07/13/21 18:05	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 18:05	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 18:05	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 18:05	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 18:05	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 18:05	1
Trichloroethene	ND		2.0		ug/L			07/13/21 18:05	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 18:05	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 18:05	1
Vinyl acetate	ND		100		ug/L			07/13/21 18:05	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 18:05	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 18:05	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-29**

**Lab Sample ID: 680-201315-31**

Date Collected: 07/07/21 12:03

Matrix: Ground Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		07/13/21 18:05	1
Dibromofluoromethane (Surr)	97		70 - 130		07/13/21 18:05	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 124		07/13/21 18:05	1
Toluene-d8 (Surr)	103		70 - 130		07/13/21 18:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:36	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:36	1
Barium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:36	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 16:36	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 16:36	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:36	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:36	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:36	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 16:36	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:36	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:36	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:36	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 16:36	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:36	1
<b>Zinc</b>	<b>0.041</b>		0.020		mg/L		07/13/21 08:18	07/13/21 16:36	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: Field Blank**

**Lab Sample ID: 680-201315-32**

Date Collected: 07/09/21 11:00

Matrix: Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 14:20	1
Acrylonitrile	ND		50		ug/L			07/13/21 14:20	1
Benzene	ND		2.0		ug/L			07/13/21 14:20	1
Bromoform	ND		10		ug/L			07/13/21 14:20	1
Bromomethane	ND		10		ug/L			07/13/21 14:20	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 14:20	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 14:20	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 14:20	1
Chlorobenzene	ND		10		ug/L			07/13/21 14:20	1
Chlorobromomethane	ND		10		ug/L			07/13/21 14:20	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 14:20	1
Chloroethane	ND		5.0		ug/L			07/13/21 14:20	1
Chloroform	ND		2.0		ug/L			07/13/21 14:20	1
Chloromethane	ND		10		ug/L			07/13/21 14:20	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 14:20	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 14:20	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 14:20	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 14:20	1
Dibromomethane	ND		10		ug/L			07/13/21 14:20	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 14:20	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 14:20	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 14:20	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 14:20	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 14:20	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 14:20	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 14:20	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 14:20	1
2-Hexanone	ND		50		ug/L			07/13/21 14:20	1
Iodomethane	ND		100		ug/L			07/13/21 14:20	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 14:20	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 14:20	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 14:20	1
o-Xylene	ND		5.0		ug/L			07/13/21 14:20	1
Styrene	ND		10		ug/L			07/13/21 14:20	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 14:20	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 14:20	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 14:20	1
Toluene	ND		2.0		ug/L			07/13/21 14:20	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 14:20	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 14:20	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 14:20	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 14:20	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 14:20	1
Trichloroethene	ND		2.0		ug/L			07/13/21 14:20	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 14:20	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 14:20	1
Vinyl acetate	ND		100		ug/L			07/13/21 14:20	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 14:20	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 14:20	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: Field Blank**

**Lab Sample ID: 680-201315-32**

Date Collected: 07/09/21 11:00

Matrix: Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130		07/13/21 14:20	1
Dibromofluoromethane (Surr)	101		70 - 130		07/13/21 14:20	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 124		07/13/21 14:20	1
Toluene-d8 (Surr)	99		70 - 130		07/13/21 14:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:01	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:01	1
Barium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:01	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 17:01	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 17:01	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:01	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:01	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:01	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 17:01	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:01	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:01	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:01	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 17:01	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:01	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:01	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWA-1**

**Lab Sample ID: 680-201315-34**

Date Collected: 07/09/21 10:54

Matrix: Surface Water

Date Received: 07/10/21 11:55

**Method: 9056A - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		0.50		mg/L			07/13/21 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.0025		mg/L		07/13/21 12:13	07/14/21 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:36	1
Barium, Dissolved	0.013		0.010		mg/L		07/13/21 08:20	07/13/21 14:36	1
Cadmium, Dissolved	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:36	1
Chromium, Dissolved	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:36	1
Lead, Dissolved	ND		0.025		mg/L		07/13/21 08:20	07/13/21 14:36	1
Nickel, Dissolved	ND		0.020		mg/L		07/13/21 08:20	07/13/21 14:36	1
Silver, Dissolved	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:36	1
Zinc, Dissolved	ND		0.020		mg/L		07/13/21 08:20	07/13/21 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		07/13/21 13:58	07/14/21 13:16	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/13/21 09:14	07/13/21 12:06	1
Chemical Oxygen Demand	ND		10		mg/L			07/15/21 17:27	1
Total Non-purgeable Organic Carbon	1.1		1.0		mg/L			07/13/21 14:08	1



# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-1**

**Lab Sample ID: 680-201315-35**

Date Collected: 07/09/21 10:12

Matrix: Surface Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 18:26	1
Acrylonitrile	ND		50		ug/L			07/13/21 18:26	1
Benzene	ND		2.0		ug/L			07/13/21 18:26	1
Bromoform	ND		10		ug/L			07/13/21 18:26	1
Bromomethane	ND		10		ug/L			07/13/21 18:26	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 18:26	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 18:26	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 18:26	1
Chlorobenzene	ND		10		ug/L			07/13/21 18:26	1
Chlorobromomethane	ND		10		ug/L			07/13/21 18:26	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 18:26	1
Chloroethane	ND		5.0		ug/L			07/13/21 18:26	1
Chloroform	ND		2.0		ug/L			07/13/21 18:26	1
Chloromethane	ND		10		ug/L			07/13/21 18:26	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 18:26	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 18:26	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 18:26	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 18:26	1
Dibromomethane	ND		10		ug/L			07/13/21 18:26	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 18:26	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 18:26	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 18:26	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 18:26	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 18:26	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 18:26	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 18:26	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 18:26	1
2-Hexanone	ND		50		ug/L			07/13/21 18:26	1
Iodomethane	ND		100		ug/L			07/13/21 18:26	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 18:26	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 18:26	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 18:26	1
o-Xylene	ND		5.0		ug/L			07/13/21 18:26	1
Styrene	ND		10		ug/L			07/13/21 18:26	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 18:26	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 18:26	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 18:26	1
Toluene	ND		2.0		ug/L			07/13/21 18:26	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 18:26	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 18:26	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 18:26	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 18:26	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 18:26	1
Trichloroethene	ND		2.0		ug/L			07/13/21 18:26	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 18:26	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 18:26	1
Vinyl acetate	ND		100		ug/L			07/13/21 18:26	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 18:26	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 18:26	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-1**

**Lab Sample ID: 680-201315-35**

**Date Collected: 07/09/21 10:12**

**Matrix: Surface Water**

**Date Received: 07/10/21 11:55**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		07/13/21 18:26	1
Dibromofluoromethane (Surr)	97		70 - 130		07/13/21 18:26	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 124		07/13/21 18:26	1
Toluene-d8 (Surr)	102		70 - 130		07/13/21 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:51	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:51	1
<b>Barium</b>	<b>0.026</b>		0.020		mg/L		07/13/21 08:13	07/13/21 18:51	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 18:51	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 18:51	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:51	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:51	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:51	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 18:51	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:51	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:51	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:51	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 18:51	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:51	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:51	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-2**

**Lab Sample ID: 680-201315-36**

Date Collected: 07/09/21 10:30

Matrix: Surface Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 18:46	1
Acrylonitrile	ND		50		ug/L			07/13/21 18:46	1
Benzene	ND		2.0		ug/L			07/13/21 18:46	1
Bromoform	ND		10		ug/L			07/13/21 18:46	1
Bromomethane	ND		10		ug/L			07/13/21 18:46	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 18:46	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 18:46	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 18:46	1
Chlorobenzene	ND		10		ug/L			07/13/21 18:46	1
Chlorobromomethane	ND		10		ug/L			07/13/21 18:46	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 18:46	1
Chloroethane	ND		5.0		ug/L			07/13/21 18:46	1
Chloroform	ND		2.0		ug/L			07/13/21 18:46	1
Chloromethane	ND		10		ug/L			07/13/21 18:46	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 18:46	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 18:46	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 18:46	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 18:46	1
Dibromomethane	ND		10		ug/L			07/13/21 18:46	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 18:46	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 18:46	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 18:46	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 18:46	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 18:46	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 18:46	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 18:46	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 18:46	1
2-Hexanone	ND		50		ug/L			07/13/21 18:46	1
Iodomethane	ND		100		ug/L			07/13/21 18:46	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 18:46	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 18:46	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 18:46	1
o-Xylene	ND		5.0		ug/L			07/13/21 18:46	1
Styrene	ND		10		ug/L			07/13/21 18:46	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 18:46	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 18:46	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 18:46	1
Toluene	ND		2.0		ug/L			07/13/21 18:46	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 18:46	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 18:46	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 18:46	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 18:46	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 18:46	1
Trichloroethene	ND		2.0		ug/L			07/13/21 18:46	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 18:46	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 18:46	1
Vinyl acetate	ND		100		ug/L			07/13/21 18:46	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 18:46	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 18:46	1

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-2**

**Lab Sample ID: 680-201315-36**

**Date Collected: 07/09/21 10:30**

**Matrix: Surface Water**

**Date Received: 07/10/21 11:55**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		07/13/21 18:46	1
Dibromofluoromethane (Surr)	98		70 - 130		07/13/21 18:46	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 124		07/13/21 18:46	1
Toluene-d8 (Surr)	101		70 - 130		07/13/21 18:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:54	1
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:54	1
Barium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:54	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 18:54	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 18:54	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:54	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:54	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:54	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 18:54	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:54	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:54	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:54	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 18:54	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:54	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:54	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-6**

**Lab Sample ID: 680-201315-37**

Date Collected: 07/09/21 11:34

Matrix: Surface Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 19:07	1
Acrylonitrile	ND		50		ug/L			07/13/21 19:07	1
Benzene	ND		2.0		ug/L			07/13/21 19:07	1
Bromoform	ND		10		ug/L			07/13/21 19:07	1
Bromomethane	ND		10		ug/L			07/13/21 19:07	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 19:07	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 19:07	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 19:07	1
Chlorobenzene	ND		10		ug/L			07/13/21 19:07	1
Chlorobromomethane	ND		10		ug/L			07/13/21 19:07	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 19:07	1
Chloroethane	ND		5.0		ug/L			07/13/21 19:07	1
Chloroform	ND		2.0		ug/L			07/13/21 19:07	1
Chloromethane	ND		10		ug/L			07/13/21 19:07	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:07	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:07	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 19:07	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 19:07	1
Dibromomethane	ND		10		ug/L			07/13/21 19:07	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 19:07	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 19:07	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 19:07	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 19:07	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 19:07	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 19:07	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 19:07	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 19:07	1
2-Hexanone	ND		50		ug/L			07/13/21 19:07	1
Iodomethane	ND		100		ug/L			07/13/21 19:07	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 19:07	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 19:07	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 19:07	1
o-Xylene	ND		5.0		ug/L			07/13/21 19:07	1
Styrene	ND		10		ug/L			07/13/21 19:07	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:07	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:07	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 19:07	1
Toluene	ND		2.0		ug/L			07/13/21 19:07	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 19:07	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:07	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:07	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 19:07	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 19:07	1
Trichloroethene	ND		2.0		ug/L			07/13/21 19:07	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 19:07	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 19:07	1
Vinyl acetate	ND		100		ug/L			07/13/21 19:07	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 19:07	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 19:07	1

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-6**

**Lab Sample ID: 680-201315-37**

Date Collected: 07/09/21 11:34

Matrix: Surface Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		07/13/21 19:07	1
Dibromofluoromethane (Surr)	100		70 - 130		07/13/21 19:07	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 124		07/13/21 19:07	1
Toluene-d8 (Surr)	101		70 - 130		07/13/21 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:20	07/13/21 14:58	1
<b>Arsenic</b>	<b>0.040</b>		0.010		mg/L		07/13/21 08:20	07/13/21 14:58	1
<b>Barium</b>	<b>0.044</b>		0.020		mg/L		07/13/21 08:20	07/13/21 14:58	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:20	07/13/21 14:58	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:20	07/13/21 14:58	1
Chromium	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:58	1
<b>Cobalt</b>	<b>0.010</b>		0.0060		mg/L		07/13/21 08:20	07/13/21 14:58	1
Copper	ND		0.020		mg/L		07/13/21 08:20	07/13/21 14:58	1
Lead	ND		0.015		mg/L		07/13/21 08:20	07/13/21 14:58	1
Nickel	ND		0.020		mg/L		07/13/21 08:20	07/13/21 14:58	1
Selenium	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:58	1
Silver	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:58	1
Thallium	ND		0.0020		mg/L		07/13/21 08:20	07/13/21 14:58	1
Vanadium	ND		0.020		mg/L		07/13/21 08:20	07/13/21 14:58	1
Zinc	ND		0.020		mg/L		07/13/21 08:20	07/13/21 14:58	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-7**

**Lab Sample ID: 680-201315-38**

Date Collected: 07/09/21 11:24

Matrix: Surface Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 19:27	1
Acrylonitrile	ND		50		ug/L			07/13/21 19:27	1
Benzene	ND		2.0		ug/L			07/13/21 19:27	1
Bromoform	ND		10		ug/L			07/13/21 19:27	1
Bromomethane	ND		10		ug/L			07/13/21 19:27	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 19:27	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 19:27	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 19:27	1
Chlorobenzene	ND		10		ug/L			07/13/21 19:27	1
Chlorobromomethane	ND		10		ug/L			07/13/21 19:27	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 19:27	1
Chloroethane	ND		5.0		ug/L			07/13/21 19:27	1
Chloroform	ND		2.0		ug/L			07/13/21 19:27	1
Chloromethane	ND		10		ug/L			07/13/21 19:27	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:27	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:27	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 19:27	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 19:27	1
Dibromomethane	ND		10		ug/L			07/13/21 19:27	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 19:27	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 19:27	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 19:27	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 19:27	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 19:27	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 19:27	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 19:27	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 19:27	1
2-Hexanone	ND		50		ug/L			07/13/21 19:27	1
Iodomethane	ND		100		ug/L			07/13/21 19:27	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 19:27	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 19:27	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 19:27	1
o-Xylene	ND		5.0		ug/L			07/13/21 19:27	1
Styrene	ND		10		ug/L			07/13/21 19:27	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:27	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:27	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 19:27	1
Toluene	ND		2.0		ug/L			07/13/21 19:27	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 19:27	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:27	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:27	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 19:27	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 19:27	1
Trichloroethene	ND		2.0		ug/L			07/13/21 19:27	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 19:27	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 19:27	1
Vinyl acetate	ND		100		ug/L			07/13/21 19:27	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 19:27	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 19:27	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-7**

**Lab Sample ID: 680-201315-38**

Date Collected: 07/09/21 11:24

Matrix: Surface Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130		07/13/21 19:27	1
Dibromofluoromethane (Surr)	98		70 - 130		07/13/21 19:27	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 124		07/13/21 19:27	1
Toluene-d8 (Surr)	105		70 - 130		07/13/21 19:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:47	1
<b>Arsenic</b>	<b>0.020</b>		0.010		mg/L		07/13/21 08:18	07/13/21 17:47	1
<b>Barium</b>	<b>0.021</b>		0.020		mg/L		07/13/21 08:18	07/13/21 17:47	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 17:47	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 17:47	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:47	1
<b>Cobalt</b>	<b>0.033</b>		0.0060		mg/L		07/13/21 08:18	07/13/21 17:47	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:47	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 17:47	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:47	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:47	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:47	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 17:47	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:47	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:47	1



# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-8**

**Lab Sample ID: 680-201315-39**

Date Collected: 07/09/21 10:11

Matrix: Surface Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 19:48	1
Acrylonitrile	ND		50		ug/L			07/13/21 19:48	1
Benzene	ND		2.0		ug/L			07/13/21 19:48	1
Bromoform	ND		10		ug/L			07/13/21 19:48	1
Bromomethane	ND		10		ug/L			07/13/21 19:48	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 19:48	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 19:48	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 19:48	1
Chlorobenzene	ND		10		ug/L			07/13/21 19:48	1
Chlorobromomethane	ND		10		ug/L			07/13/21 19:48	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 19:48	1
Chloroethane	ND		5.0		ug/L			07/13/21 19:48	1
Chloroform	ND		2.0		ug/L			07/13/21 19:48	1
Chloromethane	ND		10		ug/L			07/13/21 19:48	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:48	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:48	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 19:48	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 19:48	1
Dibromomethane	ND		10		ug/L			07/13/21 19:48	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 19:48	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 19:48	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 19:48	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 19:48	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 19:48	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 19:48	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 19:48	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 19:48	1
2-Hexanone	ND		50		ug/L			07/13/21 19:48	1
Iodomethane	ND		100		ug/L			07/13/21 19:48	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 19:48	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 19:48	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 19:48	1
o-Xylene	ND		5.0		ug/L			07/13/21 19:48	1
Styrene	ND		10		ug/L			07/13/21 19:48	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:48	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 19:48	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 19:48	1
Toluene	ND		2.0		ug/L			07/13/21 19:48	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 19:48	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 19:48	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 19:48	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 19:48	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 19:48	1
Trichloroethene	ND		2.0		ug/L			07/13/21 19:48	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 19:48	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 19:48	1
Vinyl acetate	ND		100		ug/L			07/13/21 19:48	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 19:48	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 19:48	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-8**  
**Date Collected: 07/09/21 10:11**  
**Date Received: 07/10/21 11:55**

**Lab Sample ID: 680-201315-39**  
**Matrix: Surface Water**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		07/13/21 19:48	1
Dibromofluoromethane (Surr)	99		70 - 130		07/13/21 19:48	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 124		07/13/21 19:48	1
Toluene-d8 (Surr)	100		70 - 130		07/13/21 19:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 17:05	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:05	1
Barium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:05	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 17:05	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 17:05	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:05	1
<b>Cobalt</b>	<b>0.034</b>		0.0060		mg/L		07/13/21 08:18	07/13/21 17:05	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:05	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 17:05	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:05	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:05	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:05	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 17:05	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:05	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:05	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-10**

**Lab Sample ID: 680-201315-40**

Date Collected: 07/09/21 10:32

Matrix: Surface Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 20:08	1
Acrylonitrile	ND		50		ug/L			07/13/21 20:08	1
Benzene	ND		2.0		ug/L			07/13/21 20:08	1
Bromoform	ND		10		ug/L			07/13/21 20:08	1
Bromomethane	ND		10		ug/L			07/13/21 20:08	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 20:08	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 20:08	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 20:08	1
Chlorobenzene	ND		10		ug/L			07/13/21 20:08	1
Chlorobromomethane	ND		10		ug/L			07/13/21 20:08	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 20:08	1
Chloroethane	ND		5.0		ug/L			07/13/21 20:08	1
Chloroform	ND		2.0		ug/L			07/13/21 20:08	1
Chloromethane	ND		10		ug/L			07/13/21 20:08	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:08	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:08	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 20:08	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 20:08	1
Dibromomethane	ND		10		ug/L			07/13/21 20:08	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 20:08	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 20:08	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 20:08	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 20:08	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 20:08	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 20:08	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 20:08	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 20:08	1
2-Hexanone	ND		50		ug/L			07/13/21 20:08	1
Iodomethane	ND		100		ug/L			07/13/21 20:08	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 20:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 20:08	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 20:08	1
o-Xylene	ND		5.0		ug/L			07/13/21 20:08	1
Styrene	ND		10		ug/L			07/13/21 20:08	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:08	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:08	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 20:08	1
Toluene	ND		2.0		ug/L			07/13/21 20:08	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 20:08	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:08	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:08	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 20:08	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 20:08	1
Trichloroethene	ND		2.0		ug/L			07/13/21 20:08	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 20:08	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 20:08	1
Vinyl acetate	ND		100		ug/L			07/13/21 20:08	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 20:08	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 20:08	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-10**

**Lab Sample ID: 680-201315-40**

Date Collected: 07/09/21 10:32

Matrix: Surface Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		07/13/21 20:08	1
Dibromofluoromethane (Surr)	101		70 - 130		07/13/21 20:08	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 124		07/13/21 20:08	1
Toluene-d8 (Surr)	104		70 - 130		07/13/21 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:43	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:43	1
Barium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:43	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 16:43	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 16:43	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:43	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:43	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:43	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 16:43	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:43	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:43	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:43	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 16:43	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:43	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:43	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-12**

**Lab Sample ID: 680-201315-41**

Date Collected: 07/09/21 09:57

Matrix: Surface Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 20:29	1
Acrylonitrile	ND		50		ug/L			07/13/21 20:29	1
Benzene	ND		2.0		ug/L			07/13/21 20:29	1
Bromoform	ND		10		ug/L			07/13/21 20:29	1
Bromomethane	ND		10		ug/L			07/13/21 20:29	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 20:29	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 20:29	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 20:29	1
Chlorobenzene	ND		10		ug/L			07/13/21 20:29	1
Chlorobromomethane	ND		10		ug/L			07/13/21 20:29	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 20:29	1
Chloroethane	ND		5.0		ug/L			07/13/21 20:29	1
Chloroform	ND		2.0		ug/L			07/13/21 20:29	1
Chloromethane	ND		10		ug/L			07/13/21 20:29	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:29	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:29	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 20:29	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 20:29	1
Dibromomethane	ND		10		ug/L			07/13/21 20:29	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 20:29	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 20:29	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 20:29	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 20:29	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 20:29	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 20:29	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 20:29	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 20:29	1
2-Hexanone	ND		50		ug/L			07/13/21 20:29	1
Iodomethane	ND		100		ug/L			07/13/21 20:29	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 20:29	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 20:29	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 20:29	1
o-Xylene	ND		5.0		ug/L			07/13/21 20:29	1
Styrene	ND		10		ug/L			07/13/21 20:29	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:29	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:29	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 20:29	1
Toluene	ND		2.0		ug/L			07/13/21 20:29	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 20:29	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:29	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:29	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 20:29	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 20:29	1
Trichloroethene	ND		2.0		ug/L			07/13/21 20:29	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 20:29	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 20:29	1
Vinyl acetate	ND		100		ug/L			07/13/21 20:29	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 20:29	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 20:29	1

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-12**

**Lab Sample ID: 680-201315-41**

Date Collected: 07/09/21 09:57

Matrix: Surface Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		07/13/21 20:29	1
Dibromofluoromethane (Surr)	98		70 - 130		07/13/21 20:29	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 124		07/13/21 20:29	1
Toluene-d8 (Surr)	100		70 - 130		07/13/21 20:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:19	1
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:19	1
<b>Barium</b>	<b>0.029</b>		0.020		mg/L		07/13/21 08:18	07/13/21 16:19	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 16:19	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 16:19	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:19	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:19	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:19	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 16:19	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:19	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:19	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:19	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 16:19	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:19	1
<b>Zinc</b>	<b>0.023</b>		0.020		mg/L		07/13/21 08:18	07/13/21 16:19	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-9**

**Lab Sample ID: 680-201315-42**

Date Collected: 07/06/21 14:20

Matrix: Surface Water

Date Received: 07/10/21 11:55

**Method: 9056A - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		0.50		mg/L			07/13/21 14:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.0025		mg/L		07/13/21 12:13	07/14/21 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:08	1
Barium, Dissolved	0.015		0.010		mg/L		07/13/21 08:18	07/13/21 17:08	1
Cadmium, Dissolved	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:08	1
Chromium, Dissolved	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:08	1
Lead, Dissolved	ND		0.025		mg/L		07/13/21 08:18	07/13/21 17:08	1
Nickel, Dissolved	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:08	1
Silver, Dissolved	ND		0.010		mg/L		07/13/21 08:18	07/13/21 17:08	1
Zinc, Dissolved	ND		0.020		mg/L		07/13/21 08:18	07/13/21 17:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		07/13/21 13:58	07/14/21 13:19	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/13/21 09:14	07/13/21 12:06	1
Chemical Oxygen Demand	ND		10		mg/L			07/15/21 17:27	1
Total Non-purgeable Organic Carbon	1.1		1.0		mg/L			07/13/21 14:23	1

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-5**

**Lab Sample ID: 680-201315-43**

Date Collected: 07/06/21 13:37

Matrix: Surface Water

Date Received: 07/10/21 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 20:49	1
Acrylonitrile	ND		50		ug/L			07/13/21 20:49	1
Benzene	ND		2.0		ug/L			07/13/21 20:49	1
Bromoform	ND		10		ug/L			07/13/21 20:49	1
Bromomethane	ND		10		ug/L			07/13/21 20:49	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 20:49	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 20:49	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 20:49	1
Chlorobenzene	ND		10		ug/L			07/13/21 20:49	1
Chlorobromomethane	ND		10		ug/L			07/13/21 20:49	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 20:49	1
Chloroethane	ND		5.0		ug/L			07/13/21 20:49	1
Chloroform	ND		2.0		ug/L			07/13/21 20:49	1
Chloromethane	ND		10		ug/L			07/13/21 20:49	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:49	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:49	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 20:49	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 20:49	1
Dibromomethane	ND		10		ug/L			07/13/21 20:49	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 20:49	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 20:49	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 20:49	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 20:49	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 20:49	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 20:49	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 20:49	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 20:49	1
2-Hexanone	ND		50		ug/L			07/13/21 20:49	1
Iodomethane	ND		100		ug/L			07/13/21 20:49	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 20:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 20:49	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 20:49	1
o-Xylene	ND		5.0		ug/L			07/13/21 20:49	1
Styrene	ND		10		ug/L			07/13/21 20:49	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:49	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 20:49	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 20:49	1
Toluene	ND		2.0		ug/L			07/13/21 20:49	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 20:49	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 20:49	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 20:49	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 20:49	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 20:49	1
Trichloroethene	ND		2.0		ug/L			07/13/21 20:49	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 20:49	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 20:49	1
Vinyl acetate	ND		100		ug/L			07/13/21 20:49	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 20:49	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 20:49	1

Eurofins TestAmerica, Savannah



# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-5**

**Lab Sample ID: 680-201315-43**

Date Collected: 07/06/21 13:37

Matrix: Surface Water

Date Received: 07/10/21 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130		07/13/21 20:49	1
Dibromofluoromethane (Surr)	99		70 - 130		07/13/21 20:49	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 124		07/13/21 20:49	1
Toluene-d8 (Surr)	103		70 - 130		07/13/21 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:54	1
<b>Arsenic</b>	<b>0.035</b>		0.010		mg/L		07/13/21 08:18	07/13/21 16:54	1
<b>Barium</b>	<b>0.045</b>		0.020		mg/L		07/13/21 08:18	07/13/21 16:54	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 16:54	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 16:54	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:54	1
<b>Cobalt</b>	<b>0.011</b>		0.0060		mg/L		07/13/21 08:18	07/13/21 16:54	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:54	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 16:54	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:54	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:54	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:54	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 16:54	1
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:54	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:54	1

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: MB 680-676414/8  
Matrix: Water  
Analysis Batch: 676414

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

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

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: MB 680-676414/8

Matrix: Water

Analysis Batch: 676414

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			07/13/21 13:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130		07/13/21 13:27	1
Dibromofluoromethane (Surr)	98		70 - 130		07/13/21 13:27	1
1,2-Dichloroethane-d4 (Surr)	88		60 - 124		07/13/21 13:27	1
Toluene-d8 (Surr)	95		70 - 130		07/13/21 13:27	1

Lab Sample ID: LCS 680-676414/3

Matrix: Water

Analysis Batch: 676414

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	197		ug/L		79	67 - 120
Acrylonitrile	500	426		ug/L		85	70 - 130
Benzene	50.0	47.2		ug/L		94	70 - 130
Bromoform	50.0	56.4		ug/L		113	69 - 129
Bromomethane	50.0	47.0		ug/L		94	28 - 192
2-Butanone (MEK)	250	200		ug/L		80	69 - 120
Carbon disulfide	50.0	44.3		ug/L		89	70 - 130
Carbon tetrachloride	50.0	53.8		ug/L		108	70 - 130
Chlorobenzene	50.0	52.1		ug/L		104	70 - 130
Chlorobromomethane	50.0	46.6		ug/L		93	70 - 130
Chlorodibromomethane	50.0	54.0		ug/L		108	70 - 130
Chloroethane	50.0	68.1		ug/L		136	31 - 213
Chloroform	50.0	47.5		ug/L		95	70 - 130
Chloromethane	50.0	61.2		ug/L		122	59 - 127
cis-1,2-Dichloroethene	50.0	48.2		ug/L		96	70 - 130
cis-1,3-Dichloropropene	50.0	51.9		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	45.9		ug/L		92	70 - 130
1,2-Dibromoethane	50.0	51.7		ug/L		103	70 - 130
Dibromomethane	50.0	49.9		ug/L		100	70 - 130
1,2-Dichlorobenzene	50.0	48.8		ug/L		98	70 - 130
1,4-Dichlorobenzene	50.0	49.0		ug/L		98	70 - 130
Dichlorobromomethane	50.0	49.8		ug/L		100	70 - 130
1,1-Dichloroethane	50.0	46.7		ug/L		93	70 - 130
1,2-Dichloroethane	50.0	45.5		ug/L		91	70 - 130
1,1-Dichloroethene	50.0	46.6		ug/L		93	70 - 130
1,2-Dichloropropane	50.0	49.5		ug/L		99	70 - 130
Ethylbenzene	50.0	51.0		ug/L		102	70 - 130
2-Hexanone	250	199		ug/L		80	70 - 130
Iodomethane	50.0	42.3	J	ug/L		85	52 - 129
Methylene Chloride	50.0	43.6		ug/L		87	70 - 130
4-Methyl-2-pentanone (MIBK)	250	202		ug/L		81	68 - 120
m-Xylene & p-Xylene	50.0	53.2		ug/L		106	70 - 130
o-Xylene	50.0	52.7		ug/L		105	70 - 130
Styrene	50.0	53.8		ug/L		108	70 - 130
1,1,1,2-Tetrachloroethane	50.0	55.8		ug/L		112	70 - 130

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCS 680-676414/3

Matrix: Water

Analysis Batch: 676414

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	46.7		ug/L		93	70 - 130
Tetrachloroethene	50.0	53.3		ug/L		107	70 - 130
Toluene	50.0	48.5		ug/L		97	70 - 130
trans-1,4-Dichloro-2-butene	50.0	42.8		ug/L		86	67 - 120
trans-1,2-Dichloroethene	50.0	49.3		ug/L		99	70 - 130
trans-1,3-Dichloropropene	50.0	49.6		ug/L		99	70 - 130
1,1,1-Trichloroethane	50.0	48.6		ug/L		97	70 - 130
1,1,2-Trichloroethane	50.0	48.6		ug/L		97	70 - 130
Trichloroethene	50.0	53.1		ug/L		106	70 - 130
Trichlorofluoromethane	50.0	46.7		ug/L		93	63 - 142
1,2,3-Trichloropropane	50.0	48.1		ug/L		96	70 - 130
Vinyl acetate	100	101		ug/L		101	67 - 135
Vinyl chloride	50.0	58.1		ug/L		116	66 - 129
Xylenes, Total	100	106		ug/L		106	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	95		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
1,2-Dichloroethane-d4 (Surr)	88		60 - 124
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LCSD 680-676414/4

Matrix: Water

Analysis Batch: 676414

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	217		ug/L		87	67 - 120	10	30
Acrylonitrile	500	429		ug/L		86	70 - 130	1	30
Benzene	50.0	47.9		ug/L		96	70 - 130	2	30
Bromoform	50.0	56.9		ug/L		114	69 - 129	1	30
Bromomethane	50.0	47.1		ug/L		94	28 - 192	0	30
2-Butanone (MEK)	250	206		ug/L		82	69 - 120	3	30
Carbon disulfide	50.0	44.8		ug/L		90	70 - 130	1	30
Carbon tetrachloride	50.0	53.3		ug/L		107	70 - 130	1	30
Chlorobenzene	50.0	52.5		ug/L		105	70 - 130	1	30
Chlorobromomethane	50.0	47.1		ug/L		94	70 - 130	1	30
Chlorodibromomethane	50.0	53.6		ug/L		107	70 - 130	1	30
Chloroethane	50.0	68.4		ug/L		137	31 - 213	0	30
Chloroform	50.0	47.4		ug/L		95	70 - 130	0	30
Chloromethane	50.0	62.8		ug/L		126	59 - 127	2	30
cis-1,2-Dichloroethene	50.0	48.3		ug/L		97	70 - 130	0	30
cis-1,3-Dichloropropene	50.0	51.6		ug/L		103	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	48.5		ug/L		97	70 - 130	6	30
1,2-Dibromoethane	50.0	51.8		ug/L		104	70 - 130	0	30
Dibromomethane	50.0	49.6		ug/L		99	70 - 130	1	30
1,2-Dichlorobenzene	50.0	48.6		ug/L		97	70 - 130	0	30
1,4-Dichlorobenzene	50.0	48.8		ug/L		98	70 - 130	0	30
Dichlorobromomethane	50.0	49.2		ug/L		98	70 - 130	1	30

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCSD 680-676414/4

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 676414

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
		Result	Qualifier				Limits		Limit
1,1-Dichloroethane	50.0	47.1		ug/L		94	70 - 130	1	30
1,2-Dichloroethane	50.0	45.0		ug/L		90	70 - 130	1	50
1,1-Dichloroethene	50.0	46.1		ug/L		92	70 - 130	1	20
1,2-Dichloropropane	50.0	49.8		ug/L		100	70 - 130	1	20
Ethylbenzene	50.0	50.9		ug/L		102	70 - 130	0	20
2-Hexanone	250	206		ug/L		82	70 - 130	3	20
Iodomethane	50.0	42.1	J	ug/L		84	52 - 129	0	30
Methylene Chloride	50.0	43.5		ug/L		87	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	250	204		ug/L		82	68 - 120	1	30
m-Xylene & p-Xylene	50.0	53.0		ug/L		106	70 - 130	0	30
o-Xylene	50.0	52.6		ug/L		105	70 - 130	0	30
Styrene	50.0	54.2		ug/L		108	70 - 130	1	30
1,1,1,2-Tetrachloroethane	50.0	55.3		ug/L		111	70 - 130	1	30
1,1,1,2-Tetrachloroethane	50.0	47.0		ug/L		94	70 - 130	1	30
Tetrachloroethene	50.0	52.3		ug/L		105	70 - 130	2	30
Toluene	50.0	48.6		ug/L		97	70 - 130	0	30
trans-1,4-Dichloro-2-butene	50.0	42.9		ug/L		86	67 - 120	0	30
trans-1,2-Dichloroethene	50.0	47.7		ug/L		95	70 - 130	3	30
trans-1,3-Dichloropropene	50.0	50.2		ug/L		100	70 - 130	1	30
1,1,1-Trichloroethane	50.0	48.1		ug/L		96	70 - 130	1	30
1,1,2-Trichloroethane	50.0	48.1		ug/L		96	70 - 130	1	30
Trichloroethene	50.0	53.0		ug/L		106	70 - 130	0	30
Trichlorofluoromethane	50.0	45.2		ug/L		90	63 - 142	3	30
1,2,3-Trichloropropane	50.0	47.5		ug/L		95	70 - 130	1	30
Vinyl acetate	100	99.2	J	ug/L		99	67 - 135	2	30
Vinyl chloride	50.0	58.2		ug/L		116	66 - 129	0	30
Xylenes, Total	100	106		ug/L		106	70 - 130	0	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	95		70 - 130
Dibromofluoromethane (Surr)	96		70 - 130
1,2-Dichloroethane-d4 (Surr)	88		60 - 124
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: MB 680-676423/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 676423

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		100		ug/L			07/13/21 13:25	1
Acrylonitrile	ND		50		ug/L			07/13/21 13:25	1
Benzene	ND		2.0		ug/L			07/13/21 13:25	1
Bromoform	ND		10		ug/L			07/13/21 13:25	1
Bromomethane	ND		10		ug/L			07/13/21 13:25	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 13:25	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 13:25	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 13:25	1
Chlorobenzene	ND		10		ug/L			07/13/21 13:25	1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: MB 680-676423/8

Matrix: Water

Analysis Batch: 676423

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	99		70 - 130		07/13/21 13:25	1
Dibromofluoromethane (Surr)	96		70 - 130		07/13/21 13:25	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		07/13/21 13:25	1
Toluene-d8 (Surr)	97		70 - 130		07/13/21 13:25	1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCS 680-676423/3

Matrix: Water

Analysis Batch: 676423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
Acetone	250	239		ug/L		96	67 - 120
Acrylonitrile	500	498		ug/L		100	70 - 130
Benzene	50.0	50.9		ug/L		102	70 - 130
Bromoform	50.0	54.5		ug/L		109	69 - 129
Bromomethane	50.0	57.3		ug/L		115	28 - 192
2-Butanone (MEK)	250	240		ug/L		96	69 - 120
Carbon disulfide	50.0	55.1		ug/L		110	70 - 130
Carbon tetrachloride	50.0	52.9		ug/L		106	70 - 130
Chlorobenzene	50.0	53.0		ug/L		106	70 - 130
Chlorobromomethane	50.0	54.9		ug/L		110	70 - 130
Chlorodibromomethane	50.0	51.8		ug/L		104	70 - 130
Chloroethane	50.0	66.9		ug/L		134	31 - 213
Chloroform	50.0	51.1		ug/L		102	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	53.7		ug/L		107	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	54.8		ug/L		110	70 - 130
1,2-Dibromoethane	50.0	51.5		ug/L		103	70 - 130
Dibromomethane	50.0	50.6		ug/L		101	70 - 130
1,2-Dichlorobenzene	50.0	52.3		ug/L		105	70 - 130
1,4-Dichlorobenzene	50.0	52.1		ug/L		104	70 - 130
Dichlorobromomethane	50.0	51.8		ug/L		104	70 - 130
1,1-Dichloroethane	50.0	54.1		ug/L		108	70 - 130
1,2-Dichloroethane	50.0	49.8		ug/L		100	70 - 130
1,1-Dichloroethene	50.0	45.0		ug/L		90	70 - 130
1,2-Dichloropropane	50.0	51.9		ug/L		104	70 - 130
Ethylbenzene	50.0	54.7		ug/L		109	70 - 130
2-Hexanone	250	238		ug/L		95	70 - 130
Iodomethane	50.0	58.9	J	ug/L		118	52 - 129
Methylene Chloride	50.0	51.5		ug/L		103	70 - 130
4-Methyl-2-pentanone (MIBK)	250	247		ug/L		99	68 - 120
m-Xylene & p-Xylene	50.0	53.5		ug/L		107	70 - 130
o-Xylene	50.0	52.2		ug/L		104	70 - 130
Styrene	50.0	55.2		ug/L		110	70 - 130
1,1,1,2-Tetrachloroethane	50.0	55.0		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.0		ug/L		100	70 - 130
Tetrachloroethene	50.0	50.8		ug/L		102	70 - 130
Toluene	50.0	51.5		ug/L		103	70 - 130
trans-1,4-Dichloro-2-butene	50.0	56.1		ug/L		112	67 - 120
trans-1,2-Dichloroethene	50.0	51.2		ug/L		102	70 - 130
trans-1,3-Dichloropropene	50.0	53.2		ug/L		106	70 - 130
1,1,1-Trichloroethane	50.0	52.1		ug/L		104	70 - 130
1,1,2-Trichloroethane	50.0	49.6		ug/L		99	70 - 130
Trichloroethene	50.0	52.3		ug/L		105	70 - 130
Trichlorofluoromethane	50.0	60.8		ug/L		122	63 - 142
1,2,3-Trichloropropane	50.0	53.4		ug/L		107	70 - 130
Vinyl acetate	100	113		ug/L		113	67 - 135
Vinyl chloride	50.0	52.2		ug/L		104	66 - 129

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCS 680-676423/3

Matrix: Water

Analysis Batch: 676423

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	106		ug/L		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
Dibromofluoromethane (Surr)	106		70 - 130
1,2-Dichloroethane-d4 (Surr)	110		60 - 124
Toluene-d8 (Surr)	111		70 - 130

Lab Sample ID: LCSD 680-676423/4

Matrix: Water

Analysis Batch: 676423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	250		ug/L		100	67 - 120	4	30
Acrylonitrile	500	512		ug/L		102	70 - 130	3	30
Benzene	50.0	51.6		ug/L		103	70 - 130	1	30
Bromoform	50.0	55.0		ug/L		110	69 - 129	1	30
Bromomethane	50.0	58.8		ug/L		118	28 - 192	3	30
2-Butanone (MEK)	250	238		ug/L		95	69 - 120	1	30
Carbon disulfide	50.0	55.9		ug/L		112	70 - 130	2	30
Carbon tetrachloride	50.0	53.9		ug/L		108	70 - 130	2	30
Chlorobenzene	50.0	52.9		ug/L		106	70 - 130	0	30
Chlorobromomethane	50.0	54.9		ug/L		110	70 - 130	0	30
Chlorodibromomethane	50.0	52.5		ug/L		105	70 - 130	1	30
Chloroethane	50.0	66.7		ug/L		133	31 - 213	0	30
Chloroform	50.0	52.3		ug/L		105	70 - 130	2	30
Chloromethane	50.0	62.1		ug/L		124	59 - 127	2	30
cis-1,2-Dichloroethane	50.0	54.1		ug/L		108	70 - 130	2	30
cis-1,3-Dichloropropene	50.0	55.0		ug/L		110	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	50.0	58.3		ug/L		117	70 - 130	6	30
1,2-Dibromoethane	50.0	52.0		ug/L		104	70 - 130	1	30
Dibromomethane	50.0	51.3		ug/L		103	70 - 130	1	30
1,2-Dichlorobenzene	50.0	54.3		ug/L		109	70 - 130	4	30
1,4-Dichlorobenzene	50.0	53.8		ug/L		108	70 - 130	3	30
Dichlorobromomethane	50.0	52.2		ug/L		104	70 - 130	1	30
1,1-Dichloroethane	50.0	54.6		ug/L		109	70 - 130	1	30
1,2-Dichloroethane	50.0	50.5		ug/L		101	70 - 130	1	50
1,1-Dichloroethene	50.0	53.9		ug/L		108	70 - 130	18	20
1,2-Dichloropropane	50.0	51.7		ug/L		103	70 - 130	0	20
Ethylbenzene	50.0	55.7		ug/L		111	70 - 130	2	20
2-Hexanone	250	246		ug/L		98	70 - 130	3	20
Iodomethane	50.0	62.1	J	ug/L		124	52 - 129	5	30
Methylene Chloride	50.0	51.7		ug/L		103	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	250	251		ug/L		100	68 - 120	1	30
m-Xylene & p-Xylene	50.0	54.7		ug/L		109	70 - 130	2	30
o-Xylene	50.0	53.3		ug/L		107	70 - 130	2	30
Styrene	50.0	56.7		ug/L		113	70 - 130	3	30
1,1,1,2-Tetrachloroethane	50.0	55.9		ug/L		112	70 - 130	2	30

Eurofins TestAmerica, Savannah



# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCSD 680-676423/4

Matrix: Water

Analysis Batch: 676423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec.		RPD	Limit
		Result	Qualifier				Limits	RPD		
1,1,1,2-Tetrachloroethane	50.0	53.2		ug/L		106	70 - 130	6	30	
Tetrachloroethene	50.0	51.0		ug/L		102	70 - 130	0	30	
Toluene	50.0	52.2		ug/L		104	70 - 130	1	30	
trans-1,4-Dichloro-2-butene	50.0	55.2		ug/L		110	67 - 120	2	30	
trans-1,2-Dichloroethene	50.0	53.9		ug/L		108	70 - 130	5	30	
trans-1,3-Dichloropropene	50.0	54.3		ug/L		109	70 - 130	2	30	
1,1,1-Trichloroethane	50.0	53.3		ug/L		107	70 - 130	2	30	
1,1,2-Trichloroethane	50.0	49.8		ug/L		100	70 - 130	0	30	
Trichloroethene	50.0	52.2		ug/L		104	70 - 130	0	30	
Trichlorofluoromethane	50.0	52.6		ug/L		105	63 - 142	14	30	
1,2,3-Trichloropropane	50.0	54.0		ug/L		108	70 - 130	1	30	
Vinyl acetate	100	114		ug/L		114	67 - 135	1	30	
Vinyl chloride	50.0	54.1		ug/L		108	66 - 129	3	30	
Xylenes, Total	100	108		ug/L		108	70 - 130	2	30	

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	123		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130
1,2-Dichloroethane-d4 (Surr)	112		60 - 124
Toluene-d8 (Surr)	112		70 - 130

Lab Sample ID: MB 680-676445/8

Matrix: Water

Analysis Batch: 676445

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		100		ug/L		07/13/21 13:11	13:11	1
Acrylonitrile	ND		50		ug/L		07/13/21 13:11	13:11	1
Benzene	ND		2.0		ug/L		07/13/21 13:11	13:11	1
Bromoform	ND		10		ug/L		07/13/21 13:11	13:11	1
Bromomethane	ND		10		ug/L		07/13/21 13:11	13:11	1
2-Butanone (MEK)	ND		100		ug/L		07/13/21 13:11	13:11	1
Carbon disulfide	ND		5.0		ug/L		07/13/21 13:11	13:11	1
Carbon tetrachloride	ND		2.0		ug/L		07/13/21 13:11	13:11	1
Chlorobenzene	ND		10		ug/L		07/13/21 13:11	13:11	1
Chlorobromomethane	ND		10		ug/L		07/13/21 13:11	13:11	1
Chlorodibromomethane	ND		10		ug/L		07/13/21 13:11	13:11	1
Chloroethane	ND		5.0		ug/L		07/13/21 13:11	13:11	1
Chloroform	ND		2.0		ug/L		07/13/21 13:11	13:11	1
Chloromethane	ND		10		ug/L		07/13/21 13:11	13:11	1
cis-1,2-Dichloroethene	ND		2.0		ug/L		07/13/21 13:11	13:11	1
cis-1,3-Dichloropropene	ND		2.0		ug/L		07/13/21 13:11	13:11	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L		07/13/21 13:11	13:11	1
1,2-Dibromoethane	ND		5.0		ug/L		07/13/21 13:11	13:11	1
Dibromomethane	ND		10		ug/L		07/13/21 13:11	13:11	1
1,2-Dichlorobenzene	ND		10		ug/L		07/13/21 13:11	13:11	1
1,4-Dichlorobenzene	ND		10		ug/L		07/13/21 13:11	13:11	1
Dichlorobromomethane	ND		10		ug/L		07/13/21 13:11	13:11	1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: MB 680-676445/8

Matrix: Water

Analysis Batch: 676445

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 13:11	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 13:11	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 13:11	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 13:11	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 13:11	1
2-Hexanone	ND		50		ug/L			07/13/21 13:11	1
Iodomethane	ND		100		ug/L			07/13/21 13:11	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 13:11	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 13:11	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 13:11	1
o-Xylene	ND		5.0		ug/L			07/13/21 13:11	1
Styrene	ND		10		ug/L			07/13/21 13:11	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 13:11	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 13:11	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 13:11	1
Toluene	ND		2.0		ug/L			07/13/21 13:11	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 13:11	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 13:11	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 13:11	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 13:11	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 13:11	1
Trichloroethene	ND		2.0		ug/L			07/13/21 13:11	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 13:11	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 13:11	1
Vinyl acetate	ND		100		ug/L			07/13/21 13:11	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 13:11	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 13:11	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	93		70 - 130		07/13/21 13:11	1
Dibromofluoromethane (Surr)	95		70 - 130		07/13/21 13:11	1
1,2-Dichloroethane-d4 (Surr)	79		60 - 124		07/13/21 13:11	1
Toluene-d8 (Surr)	96		70 - 130		07/13/21 13:11	1

Lab Sample ID: LCS 680-676445/3

Matrix: Water

Analysis Batch: 676445

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Acetone	250	234		ug/L		94	67 - 120
Acrylonitrile	500	479		ug/L		96	70 - 130
Benzene	50.0	52.4		ug/L		105	70 - 130
Bromoform	50.0	56.1		ug/L		112	69 - 129
Bromomethane	50.0	39.8		ug/L		80	28 - 192
2-Butanone (MEK)	250	249		ug/L		100	69 - 120
Carbon disulfide	50.0	48.4		ug/L		97	70 - 130
Carbon tetrachloride	50.0	46.4		ug/L		93	70 - 130
Chlorobenzene	50.0	53.7		ug/L		107	70 - 130

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCS 680-676445/3

Matrix: Water

Analysis Batch: 676445

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec. Limits
	Added	Result	Qualifier				
Chlorobromomethane	50.0	58.2		ug/L		116	70 - 130
Chlorodibromomethane	50.0	57.9		ug/L		116	70 - 130
Chloroethane	50.0	75.6		ug/L		151	31 - 213
Chloroform	50.0	51.4		ug/L		103	70 - 130
Chloromethane	50.0	38.6		ug/L		77	59 - 127
cis-1,2-Dichloroethene	50.0	49.7		ug/L		99	70 - 130
cis-1,3-Dichloropropene	50.0	55.5		ug/L		111	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	51.9		ug/L		104	70 - 130
1,2-Dibromoethane	50.0	55.7		ug/L		111	70 - 130
Dibromomethane	50.0	46.5		ug/L		93	70 - 130
1,2-Dichlorobenzene	50.0	50.8		ug/L		102	70 - 130
1,4-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 130
Dichlorobromomethane	50.0	51.1		ug/L		102	70 - 130
1,1-Dichloroethane	50.0	49.8		ug/L		100	70 - 130
1,2-Dichloroethane	50.0	44.8		ug/L		90	70 - 130
1,1-Dichloroethene	50.0	46.7		ug/L		93	70 - 130
1,2-Dichloropropane	50.0	50.8		ug/L		102	70 - 130
Ethylbenzene	50.0	53.3		ug/L		107	70 - 130
2-Hexanone	250	206		ug/L		82	70 - 130
Iodomethane	50.0	37.2	J	ug/L		74	52 - 129
Methylene Chloride	50.0	47.6		ug/L		95	70 - 130
4-Methyl-2-pentanone (MIBK)	250	216		ug/L		86	68 - 120
m-Xylene & p-Xylene	50.0	54.8		ug/L		110	70 - 130
o-Xylene	50.0	54.6		ug/L		109	70 - 130
Styrene	50.0	58.5		ug/L		117	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.3		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.3		ug/L		101	70 - 130
Tetrachloroethene	50.0	56.1		ug/L		112	70 - 130
Toluene	50.0	54.7		ug/L		109	70 - 130
trans-1,4-Dichloro-2-butene	50.0	40.6		ug/L		81	67 - 120
trans-1,2-Dichloroethene	50.0	55.8		ug/L		112	70 - 130
trans-1,3-Dichloropropene	50.0	52.5		ug/L		105	70 - 130
1,1,1-Trichloroethane	50.0	45.9		ug/L		92	70 - 130
1,1,2-Trichloroethane	50.0	53.4		ug/L		107	70 - 130
Trichloroethene	50.0	57.2		ug/L		114	70 - 130
Trichlorofluoromethane	50.0	57.0		ug/L		114	63 - 142
1,2,3-Trichloropropane	50.0	51.4		ug/L		103	70 - 130
Vinyl acetate	100	129		ug/L		129	67 - 135
Vinyl chloride	50.0	48.2		ug/L		96	66 - 129
Xylenes, Total	100	109		ug/L		109	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	90		70 - 130
Dibromofluoromethane (Surr)	96		70 - 130
1,2-Dichloroethane-d4 (Surr)	83		60 - 124
Toluene-d8 (Surr)	96		70 - 130

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCSD 680-676445/4

Matrix: Water

Analysis Batch: 676445

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
Acetone	250	236		ug/L		95	67 - 120	1	30
Acrylonitrile	500	495		ug/L		99	70 - 130	3	30
Benzene	50.0	52.3		ug/L		105	70 - 130	0	30
Bromoform	50.0	55.9		ug/L		112	69 - 129	0	30
Bromomethane	50.0	30.8		ug/L		62	28 - 192	26	30
2-Butanone (MEK)	250	249		ug/L		100	69 - 120	0	30
Carbon disulfide	50.0	48.3		ug/L		97	70 - 130	0	30
Carbon tetrachloride	50.0	45.9		ug/L		92	70 - 130	1	30
Chlorobenzene	50.0	53.6		ug/L		107	70 - 130	0	30
Chlorobromomethane	50.0	58.5		ug/L		117	70 - 130	1	30
Chlorodibromomethane	50.0	57.5		ug/L		115	70 - 130	1	30
Chloroethane	50.0	72.8		ug/L		146	31 - 213	4	30
Chloroform	50.0	51.0		ug/L		102	70 - 130	1	30
Chloromethane	50.0	39.6		ug/L		79	59 - 127	2	30
cis-1,2-Dichloroethene	50.0	49.2		ug/L		98	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	55.2		ug/L		110	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	52.7		ug/L		105	70 - 130	2	30
1,2-Dibromoethane	50.0	56.3		ug/L		113	70 - 130	1	30
Dibromomethane	50.0	45.4		ug/L		91	70 - 130	2	30
1,2-Dichlorobenzene	50.0	51.4		ug/L		103	70 - 130	1	30
1,4-Dichlorobenzene	50.0	50.7		ug/L		101	70 - 130	1	30
Dichlorobromomethane	50.0	51.2		ug/L		102	70 - 130	0	30
1,1-Dichloroethane	50.0	49.5		ug/L		99	70 - 130	1	30
1,2-Dichloroethane	50.0	44.7		ug/L		89	70 - 130	0	50
1,1-Dichloroethene	50.0	45.8		ug/L		92	70 - 130	2	20
1,2-Dichloropropane	50.0	50.9		ug/L		102	70 - 130	0	20
Ethylbenzene	50.0	53.0		ug/L		106	70 - 130	1	20
2-Hexanone	250	202		ug/L		81	70 - 130	2	20
Iodomethane	50.0	38.3	J	ug/L		77	52 - 129	3	30
Methylene Chloride	50.0	47.7		ug/L		95	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	250	212		ug/L		85	68 - 120	2	30
m-Xylene & p-Xylene	50.0	54.8		ug/L		110	70 - 130	0	30
o-Xylene	50.0	54.5		ug/L		109	70 - 130	0	30
Styrene	50.0	59.4		ug/L		119	70 - 130	1	30
1,1,1,2-Tetrachloroethane	50.0	51.6		ug/L		103	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	50.0		ug/L		100	70 - 130	1	30
Tetrachloroethene	50.0	56.0		ug/L		112	70 - 130	0	30
Toluene	50.0	54.3		ug/L		109	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	42.0		ug/L		84	67 - 120	3	30
trans-1,2-Dichloroethene	50.0	55.5		ug/L		111	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	52.8		ug/L		106	70 - 130	1	30
1,1,1-Trichloroethane	50.0	45.9		ug/L		92	70 - 130	0	30
1,1,2-Trichloroethane	50.0	52.8		ug/L		106	70 - 130	1	30
Trichloroethene	50.0	55.6		ug/L		111	70 - 130	3	30
Trichlorofluoromethane	50.0	52.7		ug/L		105	63 - 142	8	30
1,2,3-Trichloropropane	50.0	50.5		ug/L		101	70 - 130	2	30
Vinyl acetate	100	127		ug/L		127	67 - 135	1	30
Vinyl chloride	50.0	47.4		ug/L		95	66 - 129	2	30

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCSD 680-676445/4

Matrix: Water

Analysis Batch: 676445

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	109		ug/L		109	70 - 130	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
Dibromofluoromethane (Surr)	96		70 - 130
1,2-Dichloroethane-d4 (Surr)	83		60 - 124
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: MB 680-676455/8

Matrix: Water

Analysis Batch: 676455

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/13/21 12:55	1
Acrylonitrile	ND		50		ug/L			07/13/21 12:55	1
Benzene	ND		2.0		ug/L			07/13/21 12:55	1
Bromoform	ND		10		ug/L			07/13/21 12:55	1
Bromomethane	ND		10		ug/L			07/13/21 12:55	1
2-Butanone (MEK)	ND		100		ug/L			07/13/21 12:55	1
Carbon disulfide	ND		5.0		ug/L			07/13/21 12:55	1
Carbon tetrachloride	ND		2.0		ug/L			07/13/21 12:55	1
Chlorobenzene	ND		10		ug/L			07/13/21 12:55	1
Chlorobromomethane	ND		10		ug/L			07/13/21 12:55	1
Chlorodibromomethane	ND		10		ug/L			07/13/21 12:55	1
Chloroethane	ND		5.0		ug/L			07/13/21 12:55	1
Chloroform	ND		2.0		ug/L			07/13/21 12:55	1
Chloromethane	ND		10		ug/L			07/13/21 12:55	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 12:55	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 12:55	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/13/21 12:55	1
1,2-Dibromoethane	ND		5.0		ug/L			07/13/21 12:55	1
Dibromomethane	ND		10		ug/L			07/13/21 12:55	1
1,2-Dichlorobenzene	ND		10		ug/L			07/13/21 12:55	1
1,4-Dichlorobenzene	ND		10		ug/L			07/13/21 12:55	1
Dichlorobromomethane	ND		10		ug/L			07/13/21 12:55	1
1,1-Dichloroethane	ND		2.0		ug/L			07/13/21 12:55	1
1,2-Dichloroethane	ND		2.0		ug/L			07/13/21 12:55	1
1,1-Dichloroethene	ND		2.0		ug/L			07/13/21 12:55	1
1,2-Dichloropropane	ND		2.0		ug/L			07/13/21 12:55	1
Ethylbenzene	ND		2.0		ug/L			07/13/21 12:55	1
2-Hexanone	ND		50		ug/L			07/13/21 12:55	1
Iodomethane	ND		100		ug/L			07/13/21 12:55	1
Methylene Chloride	ND		5.0		ug/L			07/13/21 12:55	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/13/21 12:55	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/13/21 12:55	1
o-Xylene	ND		5.0		ug/L			07/13/21 12:55	1
Styrene	ND		10		ug/L			07/13/21 12:55	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 12:55	1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: MB 680-676455/8

Matrix: Water

Analysis Batch: 676455

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/13/21 12:55	1
Tetrachloroethene	ND		2.0		ug/L			07/13/21 12:55	1
Toluene	ND		2.0		ug/L			07/13/21 12:55	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/13/21 12:55	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/13/21 12:55	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/13/21 12:55	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/13/21 12:55	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/13/21 12:55	1
Trichloroethene	ND		2.0		ug/L			07/13/21 12:55	1
Trichlorofluoromethane	ND		10		ug/L			07/13/21 12:55	1
1,2,3-Trichloropropane	ND		10		ug/L			07/13/21 12:55	1
Vinyl acetate	ND		100		ug/L			07/13/21 12:55	1
Vinyl chloride	ND		2.0		ug/L			07/13/21 12:55	1
Xylenes, Total	ND		5.0		ug/L			07/13/21 12:55	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	97		70 - 130		07/13/21 12:55	1
Dibromofluoromethane (Surr)	100		70 - 130		07/13/21 12:55	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 124		07/13/21 12:55	1
Toluene-d8 (Surr)	101		70 - 130		07/13/21 12:55	1

Lab Sample ID: LCS 680-676455/3

Matrix: Water

Analysis Batch: 676455

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acrylonitrile	500	527		ug/L		105	70 - 130
Benzene	50.0	50.0		ug/L		100	70 - 130
Bromoform	50.0	48.4		ug/L		97	69 - 129
Bromomethane	50.0	91.4		ug/L		183	28 - 192
2-Butanone (MEK)	250	257		ug/L		103	69 - 120
Carbon disulfide	50.0	47.9		ug/L		96	70 - 130
Carbon tetrachloride	50.0	49.2		ug/L		98	70 - 130
Chlorobenzene	50.0	47.4		ug/L		95	70 - 130
Chlorobromomethane	50.0	50.7		ug/L		101	70 - 130
Chlorodibromomethane	50.0	47.5		ug/L		95	70 - 130
Chloroethane	50.0	115	*+	ug/L		231	31 - 213
Chloroform	50.0	50.5		ug/L		101	70 - 130
Chloromethane	50.0	52.5		ug/L		105	59 - 127
cis-1,2-Dichloroethene	50.0	52.3		ug/L		105	70 - 130
cis-1,3-Dichloropropene	50.0	51.9		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	52.2		ug/L		104	70 - 130
1,2-Dibromoethane	50.0	49.1		ug/L		98	70 - 130
Dibromomethane	50.0	49.9		ug/L		100	70 - 130
1,2-Dichlorobenzene	50.0	48.0		ug/L		96	70 - 130
1,4-Dichlorobenzene	50.0	46.8		ug/L		94	70 - 130
Dichlorobromomethane	50.0	48.6		ug/L		97	70 - 130

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCS 680-676455/3

Matrix: Water

Analysis Batch: 676455

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1-Dichloroethane	50.0	52.1		ug/L		104	70 - 130
1,2-Dichloroethane	50.0	51.8		ug/L		104	70 - 130
1,1-Dichloroethene	50.0	49.2		ug/L		98	70 - 130
1,2-Dichloropropane	50.0	51.3		ug/L		103	70 - 130
Ethylbenzene	50.0	47.8		ug/L		96	70 - 130
2-Hexanone	250	263		ug/L		105	70 - 130
Iodomethane	50.0	42.4	J	ug/L		85	52 - 129
Methylene Chloride	50.0	51.5		ug/L		103	70 - 130
4-Methyl-2-pentanone (MIBK)	250	262		ug/L		105	68 - 120
m-Xylene & p-Xylene	50.0	47.6		ug/L		95	70 - 130
o-Xylene	50.0	47.4		ug/L		95	70 - 130
Styrene	50.0	47.0		ug/L		94	70 - 130
1,1,1,2-Tetrachloroethane	50.0	45.6		ug/L		91	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.7		ug/L		101	70 - 130
Tetrachloroethene	50.0	47.7		ug/L		95	70 - 130
Toluene	50.0	50.3		ug/L		101	70 - 130
trans-1,4-Dichloro-2-butene	50.0	50.8		ug/L		102	67 - 120
trans-1,2-Dichloroethene	50.0	50.7		ug/L		101	70 - 130
trans-1,3-Dichloropropene	50.0	51.3		ug/L		103	70 - 130
1,1,1-Trichloroethane	50.0	51.8		ug/L		104	70 - 130
1,1,2-Trichloroethane	50.0	48.7		ug/L		97	70 - 130
Trichloroethene	50.0	50.3		ug/L		101	70 - 130
Trichlorofluoromethane	50.0	50.9		ug/L		102	63 - 142
1,2,3-Trichloropropane	50.0	52.4		ug/L		105	70 - 130
Vinyl acetate	100	120		ug/L		120	67 - 135
Vinyl chloride	50.0	48.4		ug/L		97	66 - 129
Xylenes, Total	100	95.0		ug/L		95	70 - 130

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

Lab Sample ID: LCSD 680-676455/4

Matrix: Water

Analysis Batch: 676455

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec. Limits	RPD	
		Result	Qualifier					RPD	Limit
Acetone	250	254		ug/L		102	67 - 120	0	30
Acrylonitrile	500	532		ug/L		106	70 - 130	1	30
Benzene	50.0	49.6		ug/L		99	70 - 130	1	30
Bromoform	50.0	48.1		ug/L		96	69 - 129	1	30
Bromomethane	50.0	80.0		ug/L		160	28 - 192	13	30
2-Butanone (MEK)	250	251		ug/L		100	69 - 120	2	30
Carbon disulfide	50.0	48.3		ug/L		97	70 - 130	1	30
Carbon tetrachloride	50.0	48.3		ug/L		97	70 - 130	2	30
Chlorobenzene	50.0	47.4		ug/L		95	70 - 130	0	30

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCSD 680-676455/4

Matrix: Water

Analysis Batch: 676455

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Added	Result	Qualifier				Limits		
Chlorobromomethane	50.0	50.0		ug/L		100	70 - 130	1	30
Chlorodibromomethane	50.0	46.7		ug/L		93	70 - 130	2	30
Chloroethane	50.0	116	*+	ug/L		232	31 - 213	1	30
Chloroform	50.0	50.3		ug/L		101	70 - 130	0	30
Chloromethane	50.0	50.6		ug/L		101	59 - 127	4	30
cis-1,2-Dichloroethene	50.0	51.3		ug/L		103	70 - 130	2	30
cis-1,3-Dichloropropene	50.0	51.5		ug/L		103	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	52.7		ug/L		105	70 - 130	1	30
1,2-Dibromoethane	50.0	48.4		ug/L		97	70 - 130	1	30
Dibromomethane	50.0	49.4		ug/L		99	70 - 130	1	30
1,2-Dichlorobenzene	50.0	47.4		ug/L		95	70 - 130	1	30
1,4-Dichlorobenzene	50.0	46.5		ug/L		93	70 - 130	1	30
Dichlorobromomethane	50.0	48.5		ug/L		97	70 - 130	0	30
1,1-Dichloroethane	50.0	51.9		ug/L		104	70 - 130	0	30
1,2-Dichloroethane	50.0	50.6		ug/L		101	70 - 130	2	50
1,1-Dichloroethene	50.0	48.3		ug/L		97	70 - 130	2	20
1,2-Dichloropropane	50.0	50.7		ug/L		101	70 - 130	1	20
Ethylbenzene	50.0	47.7		ug/L		95	70 - 130	0	20
2-Hexanone	250	267		ug/L		107	70 - 130	2	20
Iodomethane	50.0	49.0	J	ug/L		98	52 - 129	15	30
Methylene Chloride	50.0	51.6		ug/L		103	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	250	265		ug/L		106	68 - 120	1	30
m-Xylene & p-Xylene	50.0	47.3		ug/L		95	70 - 130	1	30
o-Xylene	50.0	47.2		ug/L		94	70 - 130	0	30
Styrene	50.0	46.7		ug/L		93	70 - 130	1	30
1,1,1,2-Tetrachloroethane	50.0	46.5		ug/L		93	70 - 130	2	30
1,1,1,2,2-Tetrachloroethane	50.0	50.6		ug/L		101	70 - 130	0	30
Tetrachloroethene	50.0	47.8		ug/L		96	70 - 130	0	30
Toluene	50.0	49.8		ug/L		100	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	51.8		ug/L		104	67 - 120	2	30
trans-1,2-Dichloroethene	50.0	49.9		ug/L		100	70 - 130	2	30
trans-1,3-Dichloropropene	50.0	51.3		ug/L		103	70 - 130	0	30
1,1,1-Trichloroethane	50.0	50.9		ug/L		102	70 - 130	2	30
1,1,2-Trichloroethane	50.0	48.5		ug/L		97	70 - 130	0	30
Trichloroethene	50.0	50.1		ug/L		100	70 - 130	0	30
Trichlorofluoromethane	50.0	43.5		ug/L		87	63 - 142	16	30
1,2,3-Trichloropropane	50.0	52.4		ug/L		105	70 - 130	0	30
Vinyl acetate	100	118		ug/L		118	67 - 135	2	30
Vinyl chloride	50.0	46.3		ug/L		93	66 - 129	4	30
Xylenes, Total	100	94.5		ug/L		95	70 - 130	1	30

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



# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: MB 680-676780/8

Matrix: Water

Analysis Batch: 676780

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		100		ug/L			07/15/21 13:01	1
Acrylonitrile	ND		50		ug/L			07/15/21 13:01	1
Benzene	ND		2.0		ug/L			07/15/21 13:01	1
Bromoform	ND		10		ug/L			07/15/21 13:01	1
Bromomethane	ND		10		ug/L			07/15/21 13:01	1
2-Butanone (MEK)	ND		100		ug/L			07/15/21 13:01	1
Carbon disulfide	ND		5.0		ug/L			07/15/21 13:01	1
Carbon tetrachloride	ND		2.0		ug/L			07/15/21 13:01	1
Chlorobenzene	ND		10		ug/L			07/15/21 13:01	1
Chlorobromomethane	ND		10		ug/L			07/15/21 13:01	1
Chlorodibromomethane	ND		10		ug/L			07/15/21 13:01	1
Chloroethane	ND		5.0		ug/L			07/15/21 13:01	1
Chloroform	ND		2.0		ug/L			07/15/21 13:01	1
Chloromethane	ND		10		ug/L			07/15/21 13:01	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/15/21 13:01	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/15/21 13:01	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/15/21 13:01	1
1,2-Dibromoethane	ND		5.0		ug/L			07/15/21 13:01	1
Dibromomethane	ND		10		ug/L			07/15/21 13:01	1
1,2-Dichlorobenzene	ND		10		ug/L			07/15/21 13:01	1
1,4-Dichlorobenzene	ND		10		ug/L			07/15/21 13:01	1
Dichlorobromomethane	ND		10		ug/L			07/15/21 13:01	1
1,1-Dichloroethane	ND		2.0		ug/L			07/15/21 13:01	1
1,2-Dichloroethane	ND		2.0		ug/L			07/15/21 13:01	1
1,1-Dichloroethene	ND		2.0		ug/L			07/15/21 13:01	1
1,2-Dichloropropane	ND		2.0		ug/L			07/15/21 13:01	1
Ethylbenzene	ND		2.0		ug/L			07/15/21 13:01	1
2-Hexanone	ND		50		ug/L			07/15/21 13:01	1
Iodomethane	ND		100		ug/L			07/15/21 13:01	1
Methylene Chloride	ND		5.0		ug/L			07/15/21 13:01	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/15/21 13:01	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/15/21 13:01	1
o-Xylene	ND		5.0		ug/L			07/15/21 13:01	1
Styrene	ND		10		ug/L			07/15/21 13:01	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/15/21 13:01	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/15/21 13:01	1
Tetrachloroethene	ND		2.0		ug/L			07/15/21 13:01	1
Toluene	ND		2.0		ug/L			07/15/21 13:01	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/15/21 13:01	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/15/21 13:01	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/15/21 13:01	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/15/21 13:01	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/15/21 13:01	1
Trichloroethene	ND		2.0		ug/L			07/15/21 13:01	1
Trichlorofluoromethane	ND		10		ug/L			07/15/21 13:01	1
1,2,3-Trichloropropane	ND		10		ug/L			07/15/21 13:01	1
Vinyl acetate	ND		100		ug/L			07/15/21 13:01	1
Vinyl chloride	ND		2.0		ug/L			07/15/21 13:01	1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: MB 680-676780/8

Matrix: Water

Analysis Batch: 676780

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			07/15/21 13:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		07/15/21 13:01	1
Dibromofluoromethane (Surr)	96		70 - 130		07/15/21 13:01	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 124		07/15/21 13:01	1
Toluene-d8 (Surr)	99		70 - 130		07/15/21 13:01	1

Lab Sample ID: LCS 680-676780/3

Matrix: Water

Analysis Batch: 676780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	249		ug/L		100	67 - 120
Acrylonitrile	500	516		ug/L		103	70 - 130
Benzene	50.0	49.5		ug/L		99	70 - 130
Bromoform	50.0	47.3		ug/L		95	69 - 129
Bromomethane	50.0	86.5		ug/L		173	28 - 192
2-Butanone (MEK)	250	244		ug/L		98	69 - 120
Carbon disulfide	50.0	47.9		ug/L		96	70 - 130
Carbon tetrachloride	50.0	48.1		ug/L		96	70 - 130
Chlorobenzene	50.0	47.2		ug/L		94	70 - 130
Chlorobromomethane	50.0	50.1		ug/L		100	70 - 130
Chlorodibromomethane	50.0	45.5		ug/L		91	70 - 130
Chloroethane	50.0	115	*+	ug/L		231	31 - 213
Chloroform	50.0	49.2		ug/L		98	70 - 130
Chloromethane	50.0	50.6		ug/L		101	59 - 127
cis-1,2-Dichloroethane	50.0	50.2		ug/L		100	70 - 130
cis-1,3-Dichloropropene	50.0	50.3		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	51.6		ug/L		103	70 - 130
1,2-Dibromoethane	50.0	47.4		ug/L		95	70 - 130
Dibromomethane	50.0	47.8		ug/L		96	70 - 130
1,2-Dichlorobenzene	50.0	46.6		ug/L		93	70 - 130
1,4-Dichlorobenzene	50.0	46.2		ug/L		92	70 - 130
Dichlorobromomethane	50.0	47.2		ug/L		94	70 - 130
1,1-Dichloroethane	50.0	50.7		ug/L		101	70 - 130
1,2-Dichloroethane	50.0	49.4		ug/L		99	70 - 130
1,1-Dichloroethene	50.0	48.0		ug/L		96	70 - 130
1,2-Dichloropropane	50.0	49.9		ug/L		100	70 - 130
Ethylbenzene	50.0	47.7		ug/L		95	70 - 130
2-Hexanone	250	258		ug/L		103	70 - 130
Iodomethane	50.0	55.0	J	ug/L		110	52 - 129
Methylene Chloride	50.0	50.3		ug/L		101	70 - 130
4-Methyl-2-pentanone (MIBK)	250	257		ug/L		103	68 - 120
m-Xylene & p-Xylene	50.0	47.5		ug/L		95	70 - 130
o-Xylene	50.0	47.1		ug/L		94	70 - 130
Styrene	50.0	46.9		ug/L		94	70 - 130
1,1,1,2-Tetrachloroethane	50.0	45.7		ug/L		91	70 - 130

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCS 680-676780/3

Matrix: Water

Analysis Batch: 676780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	49.3		ug/L		99	70 - 130
Tetrachloroethene	50.0	47.6		ug/L		95	70 - 130
Toluene	50.0	49.9		ug/L		100	70 - 130
trans-1,4-Dichloro-2-butene	50.0	49.6		ug/L		99	67 - 120
trans-1,2-Dichloroethene	50.0	49.1		ug/L		98	70 - 130
trans-1,3-Dichloropropene	50.0	49.3		ug/L		99	70 - 130
1,1,1-Trichloroethane	50.0	50.5		ug/L		101	70 - 130
1,1,2-Trichloroethane	50.0	47.4		ug/L		95	70 - 130
Trichloroethene	50.0	49.2		ug/L		98	70 - 130
Trichlorofluoromethane	50.0	44.2		ug/L		88	63 - 142
1,2,3-Trichloropropane	50.0	50.5		ug/L		101	70 - 130
Vinyl acetate	100	115		ug/L		115	67 - 135
Vinyl chloride	50.0	46.7		ug/L		93	66 - 129
Xylenes, Total	100	94.6		ug/L		95	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130
1,2-Dichloroethane-d4 (Surr)	98		60 - 124
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 680-676780/4

Matrix: Water

Analysis Batch: 676780

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	250	264		ug/L		105	67 - 120	6	30
Acrylonitrile	500	547		ug/L		109	70 - 130	6	30
Benzene	50.0	49.2		ug/L		98	70 - 130	1	30
Bromoform	50.0	47.9		ug/L		96	69 - 129	1	30
Bromomethane	50.0	88.3		ug/L		177	28 - 192	2	30
2-Butanone (MEK)	250	260		ug/L		104	69 - 120	6	30
Carbon disulfide	50.0	47.6		ug/L		95	70 - 130	1	30
Carbon tetrachloride	50.0	46.3		ug/L		93	70 - 130	4	30
Chlorobenzene	50.0	46.6		ug/L		93	70 - 130	1	30
Chlorobromomethane	50.0	49.9		ug/L		100	70 - 130	0	30
Chlorodibromomethane	50.0	46.2		ug/L		92	70 - 130	2	30
Chloroethane	50.0	120	*+	ug/L		239	31 - 213	4	30
Chloroform	50.0	49.3		ug/L		99	70 - 130	0	30
Chloromethane	50.0	51.1		ug/L		102	59 - 127	1	30
cis-1,2-Dichloroethene	50.0	50.7		ug/L		101	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	51.0		ug/L		102	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	52.3		ug/L		105	70 - 130	1	30
1,2-Dibromoethane	50.0	49.2		ug/L		98	70 - 130	4	30
Dibromomethane	50.0	49.1		ug/L		98	70 - 130	3	30
1,2-Dichlorobenzene	50.0	47.0		ug/L		94	70 - 130	1	30
1,4-Dichlorobenzene	50.0	46.3		ug/L		93	70 - 130	0	30
Dichlorobromomethane	50.0	48.2		ug/L		96	70 - 130	2	30

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: LCSD 680-676780/4

Matrix: Water

Analysis Batch: 676780

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
		Result	Qualifier				Limits		
1,1-Dichloroethane	50.0	51.1		ug/L		102	70 - 130	1	30
1,2-Dichloroethane	50.0	50.7		ug/L		101	70 - 130	3	50
1,1-Dichloroethene	50.0	48.1		ug/L		96	70 - 130	0	20
1,2-Dichloropropane	50.0	51.5		ug/L		103	70 - 130	3	20
Ethylbenzene	50.0	47.0		ug/L		94	70 - 130	1	20
2-Hexanone	250	279		ug/L		112	70 - 130	8	20
Iodomethane	50.0	52.7	J	ug/L		105	52 - 129	4	30
Methylene Chloride	50.0	50.8		ug/L		102	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)	250	277		ug/L		111	68 - 120	8	30
m-Xylene & p-Xylene	50.0	46.8		ug/L		94	70 - 130	2	30
o-Xylene	50.0	47.0		ug/L		94	70 - 130	0	30
Styrene	50.0	47.2		ug/L		94	70 - 130	0	30
1,1,1,2-Tetrachloroethane	50.0	45.1		ug/L		90	70 - 130	1	30
1,1,1,2-Tetrachloroethane	50.0	51.5		ug/L		103	70 - 130	4	30
Tetrachloroethene	50.0	46.8		ug/L		94	70 - 130	2	30
Toluene	50.0	49.9		ug/L		100	70 - 130	0	30
trans-1,4-Dichloro-2-butene	50.0	52.2		ug/L		104	67 - 120	5	30
trans-1,2-Dichloroethene	50.0	48.5		ug/L		97	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	50.5		ug/L		101	70 - 130	2	30
1,1,1-Trichloroethane	50.0	49.4		ug/L		99	70 - 130	2	30
1,1,2-Trichloroethane	50.0	48.6		ug/L		97	70 - 130	3	30
Trichloroethene	50.0	49.0		ug/L		98	70 - 130	0	30
Trichlorofluoromethane	50.0	43.7		ug/L		87	63 - 142	1	30
1,2,3-Trichloropropane	50.0	50.7		ug/L		101	70 - 130	0	30
Vinyl acetate	100	121		ug/L		121	67 - 135	5	30
Vinyl chloride	50.0	47.0		ug/L		94	66 - 129	1	30
Xylenes, Total	100	93.8		ug/L		94	70 - 130	1	30

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

## Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 680-676393/2

Matrix: Water

Analysis Batch: 676393

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	ND		0.50		mg/L			07/13/21 10:00	1

Lab Sample ID: LCS 680-676393/3

Matrix: Water

Analysis Batch: 676393

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Chloride	10.0	9.80		mg/L		98	90 - 110

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: LCSD 680-676393/4  
Matrix: Water  
Analysis Batch: 676393

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	9.81		mg/L		98	90 - 110	0	15

Lab Sample ID: MB 680-676395/33  
Matrix: Water  
Analysis Batch: 676395

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			07/13/21 16:51	1

Lab Sample ID: LCS 680-676395/34  
Matrix: Water  
Analysis Batch: 676395

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	9.93		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-676395/35  
Matrix: Water  
Analysis Batch: 676395

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	9.92		mg/L		99	90 - 110	0	15

Lab Sample ID: 680-201315-34 MS  
Matrix: Surface Water  
Analysis Batch: 676395

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.4		10.0	11.7		mg/L		103	80 - 120

Lab Sample ID: 680-201315-34 MSD  
Matrix: Surface Water  
Analysis Batch: 676395

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.4		10.0	12.0		mg/L		106	80 - 120	2	15

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

Lab Sample ID: MB 680-676387/1-A  
Matrix: Water  
Analysis Batch: 676576

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 676387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:01	1
Antimony	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:01	1
Barium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:01	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:13	07/13/21 18:01	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:13	07/13/21 18:01	1
Chromium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:01	1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

**Lab Sample ID: MB 680-676387/1-A**  
**Matrix: Water**  
**Analysis Batch: 676576**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 676387**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cobalt	ND		0.0060		mg/L		07/13/21 08:13	07/13/21 18:01	1
Copper	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:01	1
Lead	ND		0.015		mg/L		07/13/21 08:13	07/13/21 18:01	1
Nickel	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:01	1
Selenium	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:01	1
Silver	ND		0.010		mg/L		07/13/21 08:13	07/13/21 18:01	1
Thallium	ND		0.0020		mg/L		07/13/21 08:13	07/13/21 18:01	1
Vanadium	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:01	1
Zinc	ND		0.020		mg/L		07/13/21 08:13	07/13/21 18:01	1

**Lab Sample ID: LCS 680-676387/2-A**  
**Matrix: Water**  
**Analysis Batch: 676576**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 676387**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0500	0.0558		mg/L		112	80 - 120
Barium	0.100	0.110		mg/L		110	80 - 120
Beryllium	0.0500	0.0547		mg/L		109	80 - 120
Cadmium	0.0500	0.0548		mg/L		110	80 - 120
Chromium	0.100	0.115		mg/L		115	80 - 120
Cobalt	0.0500	0.0560		mg/L		112	80 - 120
Copper	0.0991	0.114		mg/L		115	80 - 120
Lead	0.505	0.558		mg/L		111	80 - 120
Nickel	0.0990	0.115		mg/L		116	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Silver	0.0500	0.0557		mg/L		111	80 - 120
Thallium	0.0400	0.0444		mg/L		111	80 - 120
Vanadium	0.0998	0.108		mg/L		108	80 - 120
Zinc	0.100	0.111		mg/L		111	80 - 120

**Lab Sample ID: 680-201315-16 MS**  
**Matrix: Ground Water**  
**Analysis Batch: 676576**

**Client Sample ID: GWC-16**  
**Prep Type: Total/NA**  
**Prep Batch: 676387**

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Arsenic	ND		0.100	0.0943		mg/L		94	75 - 125
Antimony	ND		0.0500	0.0485		mg/L		97	75 - 125
Barium	0.13		0.100	0.224		mg/L		91	75 - 125
Beryllium	ND		0.0500	0.0496		mg/L		99	75 - 125
Cadmium	ND		0.0500	0.0488		mg/L		97	75 - 125
Chromium	ND		0.100	0.0997		mg/L		100	75 - 125
Cobalt	0.016		0.0500	0.0643		mg/L		96	75 - 125
Copper	ND		0.0991	0.0988		mg/L		100	75 - 125
Lead	ND		0.505	0.480		mg/L		95	75 - 125
Nickel	ND		0.0990	0.101		mg/L		100	75 - 125
Selenium	ND		0.100	0.0916		mg/L		91	75 - 125
Silver	ND		0.0500	0.0490		mg/L		98	75 - 125
Thallium	ND		0.0400	0.0385		mg/L		96	75 - 125

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

**Lab Sample ID: 680-201315-16 MS**  
**Matrix: Ground Water**  
**Analysis Batch: 676576**

**Client Sample ID: GWC-16**  
**Prep Type: Total/NA**  
**Prep Batch: 676387**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	ND		0.0998	0.0937		mg/L		94	75 - 125
Zinc	ND		0.100	0.103		mg/L		103	75 - 125

**Lab Sample ID: 680-201315-16 MSD**  
**Matrix: Ground Water**  
**Analysis Batch: 676576**

**Client Sample ID: GWC-16**  
**Prep Type: Total/NA**  
**Prep Batch: 676387**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		0.100	0.103		mg/L		103	75 - 125	9	20
Antimony	ND		0.0500	0.0541		mg/L		108	75 - 125	11	20
Barium	0.13		0.100	0.250		mg/L		118	75 - 125	11	20
Beryllium	ND		0.0500	0.0540		mg/L		108	75 - 125	8	20
Cadmium	ND		0.0500	0.0540		mg/L		108	75 - 125	10	20
Chromium	ND		0.100	0.109		mg/L		109	75 - 125	9	20
Cobalt	0.016		0.0500	0.0707		mg/L		109	75 - 125	10	20
Copper	ND		0.0991	0.108		mg/L		109	75 - 125	9	20
Lead	ND		0.505	0.535		mg/L		106	75 - 125	11	20
Nickel	ND		0.0990	0.111		mg/L		110	75 - 125	9	20
Selenium	ND		0.100	0.100		mg/L		100	75 - 125	9	20
Silver	ND		0.0500	0.0544		mg/L		109	75 - 125	11	20
Thallium	ND		0.0400	0.0437		mg/L		109	75 - 125	13	20
Vanadium	ND		0.0998	0.103		mg/L		103	75 - 125	9	20
Zinc	ND		0.100	0.113		mg/L		113	75 - 125	10	20

**Lab Sample ID: MB 680-676389/1-A**  
**Matrix: Water**  
**Analysis Batch: 676576**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 676389**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:12	1
Arsenic, Dissolved	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:12	1
Antimony	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:12	1
Barium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:12	1
Barium, Dissolved	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:12	1
Beryllium	ND		0.0030		mg/L		07/13/21 08:18	07/13/21 16:12	1
Cadmium	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 16:12	1
Cadmium, Dissolved	ND		0.0050		mg/L		07/13/21 08:18	07/13/21 16:12	1
Chromium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:12	1
Chromium, Dissolved	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:12	1
Cobalt	ND		0.0060		mg/L		07/13/21 08:18	07/13/21 16:12	1
Copper	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:12	1
Lead	ND		0.015		mg/L		07/13/21 08:18	07/13/21 16:12	1
Lead, Dissolved	ND		0.015		mg/L		07/13/21 08:18	07/13/21 16:12	1
Nickel	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:12	1
Nickel, Dissolved	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:12	1
Selenium	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:12	1
Silver	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:12	1
Silver, Dissolved	ND		0.010		mg/L		07/13/21 08:18	07/13/21 16:12	1
Thallium	ND		0.0020		mg/L		07/13/21 08:18	07/13/21 16:12	1

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# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: MB 680-676389/1-A

Matrix: Water

Analysis Batch: 676576

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 676389

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Vanadium	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:12	1
Zinc	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:12	1
Zinc, Dissolved	ND		0.020		mg/L		07/13/21 08:18	07/13/21 16:12	1

Lab Sample ID: LCS 680-676389/2-A

Matrix: Water

Analysis Batch: 676576

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 676389

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.100	0.103		mg/L		103	80 - 120
Antimony	0.0500	0.0538		mg/L		108	80 - 120
Barium	0.100	0.107		mg/L		107	80 - 120
Barium, Dissolved	0.100	0.107		mg/L		107	80 - 120
Beryllium	0.0500	0.0533		mg/L		107	80 - 120
Cadmium	0.0500	0.0541		mg/L		108	80 - 120
Cadmium, Dissolved	0.0500	0.0541		mg/L		108	80 - 120
Chromium	0.100	0.108		mg/L		108	80 - 120
Chromium, Dissolved	0.100	0.108		mg/L		108	80 - 120
Cobalt	0.0500	0.0537		mg/L		108	80 - 120
Copper	0.0991	0.110		mg/L		111	80 - 120
Lead	0.505	0.542		mg/L		107	80 - 120
Lead, Dissolved	0.505	0.542		mg/L		107	80 - 120
Nickel	0.0990	0.109		mg/L		110	80 - 120
Nickel, Dissolved	0.0990	0.109		mg/L		110	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Silver	0.0500	0.0535		mg/L		107	80 - 120
Silver, Dissolved	0.0500	0.0535		mg/L		107	80 - 120
Thallium	0.0400	0.0430		mg/L		108	80 - 120
Vanadium	0.0998	0.103		mg/L		103	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120
Zinc, Dissolved	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: 680-201315-41 MS

Matrix: Surface Water

Analysis Batch: 676576

Client Sample ID: SWC-12

Prep Type: Total/NA

Prep Batch: 676389

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	ND		0.100	0.0909		mg/L		91	75 - 125
Antimony	ND		0.0500	0.0471		mg/L		94	75 - 125
Barium	0.029		0.100	0.124		mg/L		95	75 - 125
Barium, Dissolved	0.029		0.100	0.124		mg/L		95	75 - 125
Beryllium	ND		0.0500	0.0473		mg/L		95	75 - 125
Cadmium	ND		0.0500	0.0479		mg/L		96	75 - 125
Cadmium, Dissolved	ND		0.0500	0.0479		mg/L		96	75 - 125
Chromium	ND		0.100	0.0969		mg/L		95	75 - 125
Chromium, Dissolved	ND		0.100	0.0969		mg/L		95	75 - 125
Cobalt	ND		0.0500	0.0486		mg/L		95	75 - 125

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# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: 680-201315-41 MS

Matrix: Surface Water

Analysis Batch: 676576

Client Sample ID: SWC-12

Prep Type: Total/NA

Prep Batch: 676389

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Copper	ND		0.0991	0.0980		mg/L		97	75 - 125
Lead	ND		0.505	0.478		mg/L		94	75 - 125
Lead, Dissolved	ND		0.505	0.478		mg/L		94	75 - 125
Nickel	ND		0.0990	0.0978		mg/L		99	75 - 125
Nickel, Dissolved	ND		0.0990	0.0978		mg/L		99	75 - 125
Selenium	ND		0.100	0.0916		mg/L		91	75 - 125
Silver	ND		0.0500	0.0479		mg/L		96	75 - 125
Silver, Dissolved	ND		0.0500	0.0479		mg/L		96	75 - 125
Thallium	ND		0.0400	0.0380		mg/L		95	75 - 125
Vanadium	ND		0.0998	0.0945		mg/L		95	75 - 125
Zinc	0.023		0.100	0.116		mg/L		94	75 - 125
Zinc, Dissolved	0.023		0.100	0.116		mg/L		94	75 - 125

Lab Sample ID: 680-201315-41 MSD

Matrix: Surface Water

Analysis Batch: 676576

Client Sample ID: SWC-12

Prep Type: Total/NA

Prep Batch: 676389

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
Arsenic	ND		0.100	0.0897		mg/L		90	75 - 125	1	20
Arsenic, Dissolved	ND		0.100	0.0897		mg/L		90	75 - 125	1	20
Antimony	ND		0.0500	0.0470		mg/L		94	75 - 125	0	20
Barium	0.029		0.100	0.121		mg/L		92	75 - 125	2	20
Barium, Dissolved	0.029		0.100	0.121		mg/L		92	75 - 125	2	20
Beryllium	ND		0.0500	0.0458		mg/L		92	75 - 125	3	20
Cadmium	ND		0.0500	0.0469		mg/L		94	75 - 125	2	20
Cadmium, Dissolved	ND		0.0500	0.0469		mg/L		94	75 - 125	2	20
Chromium	ND		0.100	0.0959		mg/L		94	75 - 125	1	20
Chromium, Dissolved	ND		0.100	0.0959		mg/L		94	75 - 125	1	20
Cobalt	ND		0.0500	0.0483		mg/L		94	75 - 125	1	20
Copper	ND		0.0991	0.0965		mg/L		95	75 - 125	2	20
Lead	ND		0.505	0.474		mg/L		94	75 - 125	1	20
Lead, Dissolved	ND		0.505	0.474		mg/L		94	75 - 125	1	20
Nickel	ND		0.0990	0.0970		mg/L		98	75 - 125	1	20
Nickel, Dissolved	ND		0.0990	0.0970		mg/L		98	75 - 125	1	20
Selenium	ND		0.100	0.0875		mg/L		87	75 - 125	5	20
Silver	ND		0.0500	0.0472		mg/L		94	75 - 125	1	20
Silver, Dissolved	ND		0.0500	0.0472		mg/L		94	75 - 125	1	20
Thallium	ND		0.0400	0.0375		mg/L		94	75 - 125	1	20
Vanadium	ND		0.0998	0.0925		mg/L		93	75 - 125	2	20
Zinc	0.023		0.100	0.114		mg/L		91	75 - 125	2	20
Zinc, Dissolved	0.023		0.100	0.114		mg/L		91	75 - 125	2	20

Lab Sample ID: MB 680-676390/1-A

Matrix: Water

Analysis Batch: 676576

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 676390

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Arsenic	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:29	1	
Arsenic, Dissolved	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:29	1	

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# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

**Lab Sample ID: MB 680-676390/1-A**  
**Matrix: Water**  
**Analysis Batch: 676576**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 676390**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.0050		mg/L		07/13/21 08:20	07/13/21 14:29	1
Barium	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:29	1
Barium, Dissolved	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:29	1
Beryllium	ND		0.00050		mg/L		07/13/21 08:20	07/13/21 14:29	1
Cadmium	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:29	1
Cadmium, Dissolved	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:29	1
Chromium	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:29	1
Chromium, Dissolved	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:29	1
Cobalt	ND		0.00050		mg/L		07/13/21 08:20	07/13/21 14:29	1
Copper	ND		0.0050		mg/L		07/13/21 08:20	07/13/21 14:29	1
Lead	ND		0.025		mg/L		07/13/21 08:20	07/13/21 14:29	1
Lead, Dissolved	ND		0.025		mg/L		07/13/21 08:20	07/13/21 14:29	1
Nickel	ND		0.020		mg/L		07/13/21 08:20	07/13/21 14:29	1
Nickel, Dissolved	ND		0.020		mg/L		07/13/21 08:20	07/13/21 14:29	1
Selenium	ND		0.0025		mg/L		07/13/21 08:20	07/13/21 14:29	1
Silver	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:29	1
Silver, Dissolved	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:29	1
Thallium	ND		0.0010		mg/L		07/13/21 08:20	07/13/21 14:29	1
Vanadium	ND		0.010		mg/L		07/13/21 08:20	07/13/21 14:29	1
Zinc	ND		0.020		mg/L		07/13/21 08:20	07/13/21 14:29	1
Zinc, Dissolved	ND		0.020		mg/L		07/13/21 08:20	07/13/21 14:29	1

**Lab Sample ID: LCS 680-676390/2-A**  
**Matrix: Water**  
**Analysis Batch: 676576**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 676390**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Arsenic	0.100	0.100		mg/L		100	80 - 120
Arsenic, Dissolved	0.100	0.100		mg/L		100	80 - 120
Antimony	0.0500	0.0515		mg/L		103	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Barium, Dissolved	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0515		mg/L		103	80 - 120
Cadmium	0.0500	0.0514		mg/L		103	80 - 120
Cadmium, Dissolved	0.0500	0.0514		mg/L		103	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Chromium, Dissolved	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0523		mg/L		105	80 - 120
Copper	0.0991	0.106		mg/L		107	80 - 120
Lead	0.505	0.521		mg/L		103	80 - 120
Lead, Dissolved	0.505	0.521		mg/L		103	80 - 120
Nickel	0.0990	0.107		mg/L		108	80 - 120
Nickel, Dissolved	0.0990	0.107		mg/L		108	80 - 120
Selenium	0.100	0.0972		mg/L		97	80 - 120
Silver	0.0500	0.0517		mg/L		103	80 - 120
Silver, Dissolved	0.0500	0.0517		mg/L		103	80 - 120
Thallium	0.0400	0.0412		mg/L		103	80 - 120
Vanadium	0.0998	0.0985		mg/L		99	80 - 120
Zinc	0.100	0.101		mg/L		101	80 - 120

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

**Lab Sample ID: LCS 680-676390/2-A**  
**Matrix: Water**  
**Analysis Batch: 676576**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 676390**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc, Dissolved	0.100	0.101		mg/L		101	80 - 120

**Lab Sample ID: MB 680-676485/1-A**  
**Matrix: Water**  
**Analysis Batch: 676770**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 676485**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0		ug/L		07/13/21 12:13	07/14/21 15:59	1
Antimony	ND		5.0		ug/L		07/13/21 12:13	07/14/21 15:59	1
Barium	ND		5.0		ug/L		07/13/21 12:13	07/14/21 15:59	1
Beryllium	ND		0.50		ug/L		07/13/21 12:13	07/14/21 15:59	1
Cadmium	ND		0.50		ug/L		07/13/21 12:13	07/14/21 15:59	1
Chromium	ND		5.0		ug/L		07/13/21 12:13	07/14/21 15:59	1
Cobalt	ND		0.50		ug/L		07/13/21 12:13	07/14/21 15:59	1
Copper	ND		5.0		ug/L		07/13/21 12:13	07/14/21 15:59	1
Lead	ND		2.5		ug/L		07/13/21 12:13	07/14/21 15:59	1
Nickel	ND		5.0		ug/L		07/13/21 12:13	07/14/21 15:59	1
Selenium	ND		0.0025		mg/L		07/13/21 12:13	07/14/21 15:59	1
Silver	ND		1.0		ug/L		07/13/21 12:13	07/14/21 15:59	1
Thallium	ND		1.0		ug/L		07/13/21 12:13	07/14/21 15:59	1
Vanadium	ND		10		ug/L		07/13/21 12:13	07/14/21 15:59	1
Zinc	ND		20		ug/L		07/13/21 12:13	07/14/21 15:59	1

**Lab Sample ID: LCS 680-676485/2-A**  
**Matrix: Water**  
**Analysis Batch: 676770**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 676485**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	105		ug/L		105	80 - 120
Antimony	50.0	52.9		ug/L		106	80 - 120
Barium	100	102		ug/L		102	80 - 120
Beryllium	50.0	52.2		ug/L		104	80 - 120
Cadmium	50.0	53.1		ug/L		106	80 - 120
Chromium	100	108		ug/L		108	80 - 120
Cobalt	50.0	54.2		ug/L		109	80 - 120
Copper	99.1	108		ug/L		109	80 - 120
Lead	505	528		ug/L		105	80 - 120
Nickel	99.0	109		ug/L		110	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Silver	50.0	53.0		ug/L		106	80 - 120
Thallium	40.0	41.9		ug/L		105	80 - 120
Tin	99.9	103		ug/L		103	80 - 120
Vanadium	99.8	104		ug/L		104	80 - 120
Zinc	100	108		ug/L		108	80 - 120

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

Lab Sample ID: 680-201315-42 MS

Matrix: Surface Water

Analysis Batch: 676770

Client Sample ID: SWC-9

Prep Type: Total Recoverable

Prep Batch: 676485

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limits
Arsenic	ND		100	105		ug/L		105	75 - 125	
Antimony	ND		50.0	53.2		ug/L		106	75 - 125	
Barium	6.9		100	108		ug/L		101	75 - 125	
Beryllium	ND		50.0	54.4		ug/L		109	75 - 125	
Cadmium	ND		50.0	53.5		ug/L		107	75 - 125	
Chromium	ND		100	107		ug/L		107	75 - 125	
Cobalt	ND		50.0	55.2		ug/L		111	75 - 125	
Copper	ND		99.1	110		ug/L		111	75 - 125	
Lead	ND		505	532		ug/L		105	75 - 125	
Nickel	ND		99.0	111		ug/L		113	75 - 125	
Selenium	ND		0.100	0.103		mg/L		103	75 - 125	
Silver	ND		50.0	52.8		ug/L		106	75 - 125	
Thallium	ND		40.0	42.6		ug/L		106	75 - 125	
Tin	ND		99.9	104		ug/L		104	75 - 125	
Vanadium	ND		99.8	104		ug/L		104	75 - 125	
Zinc	ND		100	110		ug/L		110	75 - 125	

Lab Sample ID: 680-201315-42 MSD

Matrix: Surface Water

Analysis Batch: 676770

Client Sample ID: SWC-9

Prep Type: Total Recoverable

Prep Batch: 676485

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limits	RPD	Limit
Arsenic	ND		100	111		ug/L		111	75 - 125	6	20	
Antimony	ND		50.0	56.6		ug/L		113	75 - 125	6	20	
Barium	6.9		100	115		ug/L		108	75 - 125	7	20	
Beryllium	ND		50.0	59.2		ug/L		118	75 - 125	8	20	
Cadmium	ND		50.0	57.0		ug/L		114	75 - 125	6	20	
Chromium	ND		100	114		ug/L		114	75 - 125	6	20	
Cobalt	ND		50.0	58.6		ug/L		117	75 - 125	6	20	
Copper	ND		99.1	117		ug/L		118	75 - 125	6	20	
Lead	ND		505	570		ug/L		113	75 - 125	7	20	
Nickel	ND		99.0	118		ug/L		119	75 - 125	6	20	
Selenium	ND		0.100	0.110		mg/L		110	75 - 125	6	20	
Silver	ND		50.0	56.4		ug/L		113	75 - 125	6	20	
Thallium	ND		40.0	45.2		ug/L		113	75 - 125	6	20	
Tin	ND		99.9	110		ug/L		111	75 - 125	6	20	
Vanadium	ND		99.8	111		ug/L		112	75 - 125	7	20	
Zinc	ND		100	118		ug/L		118	75 - 125	7	20	

Lab Sample ID: 680-201315-34 MS

Matrix: Surface Water

Analysis Batch: 676576

Client Sample ID: SWA-1

Prep Type: Dissolved

Prep Batch: 676390

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limits
Arsenic	ND		0.100	0.105		mg/L		105	75 - 125	
Arsenic, Dissolved	ND		0.100	0.105		mg/L		105	75 - 125	
Antimony	ND		0.0500	0.0556		mg/L		111	75 - 125	
Barium	ND		0.100	0.121		mg/L		115	75 - 125	
Barium, Dissolved	ND		0.100	0.121		mg/L		115	75 - 125	

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

**Lab Sample ID: 680-201315-34 MS**  
**Matrix: Surface Water**  
**Analysis Batch: 676576**

**Client Sample ID: SWA-1**  
**Prep Type: Dissolved**  
**Prep Batch: 676390**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Beryllium	ND		0.0500	0.0559		mg/L		112	75 - 125	
Cadmium	ND		0.0500	0.0548		mg/L		110	75 - 125	
Cadmium, Dissolved	ND		0.0500	0.0548		mg/L		110	75 - 125	
Chromium	ND		0.100	0.109		mg/L		109	75 - 125	
Chromium, Dissolved	ND		0.100	0.109		mg/L		109	75 - 125	
Cobalt	ND		0.0500	0.0547		mg/L		110	75 - 125	
Copper	ND		0.0991	0.112		mg/L		113	75 - 125	
Lead	ND		0.505	0.557		mg/L		110	75 - 125	
Lead, Dissolved	ND		0.505	0.557		mg/L		110	75 - 125	
Nickel	ND		0.0990	0.112		mg/L		114	75 - 125	
Nickel, Dissolved	ND		0.0990	0.112		mg/L		114	75 - 125	
Selenium	ND		0.100	0.102		mg/L		102	75 - 125	
Silver	ND		0.0500	0.0548		mg/L		110	75 - 125	
Silver, Dissolved	ND		0.0500	0.0548		mg/L		110	75 - 125	
Thallium	ND		0.0400	0.0444		mg/L		111	75 - 125	
Vanadium	ND		0.0998	0.105		mg/L		105	75 - 125	
Zinc	ND		0.100	0.109		mg/L		109	75 - 125	
Zinc, Dissolved	ND		0.100	0.109		mg/L		109	75 - 125	

**Lab Sample ID: 680-201315-34 MSD**  
**Matrix: Surface Water**  
**Analysis Batch: 676576**

**Client Sample ID: SWA-1**  
**Prep Type: Dissolved**  
**Prep Batch: 676390**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Arsenic	ND		0.100	0.107		mg/L		107	75 - 125	2	20	
Arsenic, Dissolved	ND		0.100	0.107		mg/L		107	75 - 125	2	20	
Antimony	ND		0.0500	0.0557		mg/L		112	75 - 125	0	20	
Barium	ND		0.100	0.121		mg/L		114	75 - 125	0	20	
Barium, Dissolved	ND		0.100	0.121		mg/L		114	75 - 125	0	20	
Beryllium	ND		0.0500	0.0550		mg/L		110	75 - 125	2	20	
Cadmium	ND		0.0500	0.0551		mg/L		110	75 - 125	1	20	
Cadmium, Dissolved	ND		0.0500	0.0551		mg/L		110	75 - 125	1	20	
Chromium	ND		0.100	0.111		mg/L		111	75 - 125	2	20	
Chromium, Dissolved	ND		0.100	0.111		mg/L		111	75 - 125	2	20	
Cobalt	ND		0.0500	0.0563		mg/L		113	75 - 125	3	20	
Copper	ND		0.0991	0.114		mg/L		115	75 - 125	2	20	
Lead	ND		0.505	0.555		mg/L		110	75 - 125	0	20	
Lead, Dissolved	ND		0.505	0.555		mg/L		110	75 - 125	0	20	
Nickel	ND		0.0990	0.114		mg/L		115	75 - 125	2	20	
Nickel, Dissolved	ND		0.0990	0.114		mg/L		115	75 - 125	2	20	
Selenium	ND		0.100	0.106		mg/L		106	75 - 125	4	20	
Silver	ND		0.0500	0.0559		mg/L		112	75 - 125	2	20	
Silver, Dissolved	ND		0.0500	0.0559		mg/L		112	75 - 125	2	20	
Thallium	ND		0.0400	0.0443		mg/L		111	75 - 125	0	20	
Vanadium	ND		0.0998	0.107		mg/L		107	75 - 125	2	20	
Zinc	ND		0.100	0.116		mg/L		116	75 - 125	7	20	
Zinc, Dissolved	ND		0.100	0.116		mg/L		116	75 - 125	7	20	

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-676514/1-A  
Matrix: Water  
Analysis Batch: 676697

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 676514

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		07/13/21 13:58	07/14/21 12:44	1

Lab Sample ID: LCS 680-676514/2-A  
Matrix: Water  
Analysis Batch: 676697

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 676514

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00234		mg/L		93	80 - 120

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

Lab Sample ID: MB 680-676398/12-A  
Matrix: Water  
Analysis Batch: 676511

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 676398

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		07/13/21 09:14	07/13/21 11:59	1

Lab Sample ID: LCS 680-676398/13-A  
Matrix: Water  
Analysis Batch: 676511

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 676398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0500	0.0499		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-676398/31-A  
Matrix: Water  
Analysis Batch: 676511

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 676398

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.0500	0.0502		mg/L		100	90 - 110	1	20

## Method: 5220D-2011 - Chemical Oxygen Demand

Lab Sample ID: MB 680-676866/3  
Matrix: Water  
Analysis Batch: 676866

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	ND		10		mg/L			07/15/21 17:27	1

Lab Sample ID: LCS 680-676866/4  
Matrix: Water  
Analysis Batch: 676866

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	48.8		mg/L		98	90 - 110

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

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

**Lab Sample ID: MB 680-676586/4**  
**Matrix: Water**  
**Analysis Batch: 676586**

**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			07/13/21 10:49	1

**Lab Sample ID: LCS 680-676586/5**  
**Matrix: Water**  
**Analysis Batch: 676586**

**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	20.6		mg/L		103	80 - 120
TOC Result 2	20.0	20.7		mg/L		103	80 - 120
TOC Result 3	20.0	20.5		mg/L		103	80 - 120
TOC Result 4	20.0	20.5		mg/L		102	80 - 120

**Lab Sample ID: LCSD 680-676586/6**  
**Matrix: Water**  
**Analysis Batch: 676586**

**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	20.6		mg/L		103	80 - 120	0	25
TOC Result 1	20.0	20.6		mg/L		103	80 - 120	0	25
TOC Result 2	20.0	20.8		mg/L		104	80 - 120	0	25
TOC Result 3	20.0	20.5		mg/L		103	80 - 120	0	25
TOC Result 4	20.0	20.8		mg/L		104	80 - 120	1	25

# QC Association Summary

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## GC/MS VOA

### Analysis Batch: 676414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-5	GWC-5	Total/NA	Ground Water	8260C	
680-201315-6	GWC-6	Total/NA	Ground Water	8260C	
680-201315-7	GWC-7	Total/NA	Ground Water	8260C	
680-201315-8	GWC-7A	Total/NA	Ground Water	8260C	
680-201315-9	GWC-8	Total/NA	Ground Water	8260C	
680-201315-10	GWC-9	Total/NA	Ground Water	8260C	
680-201315-11	GWC-10D	Total/NA	Ground Water	8260C	
680-201315-12	GWC-11	Total/NA	Ground Water	8260C	
680-201315-13	GWC-13R	Total/NA	Ground Water	8260C	
680-201315-14	GWC-14R	Total/NA	Ground Water	8260C	
680-201315-15	GWC-15	Total/NA	Ground Water	8260C	
680-201315-16	GWC-16	Total/NA	Ground Water	8260C	
680-201315-17	GWC-17	Total/NA	Ground Water	8260C	
MB 680-676414/8	Method Blank	Total/NA	Water	8260C	
LCS 680-676414/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 680-676414/4	Lab Control Sample Dup	Total/NA	Water	8260C	

### Analysis Batch: 676423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-19	GWC-18	Total/NA	Ground Water	8260C	
680-201315-21	GWC-19	Total/NA	Ground Water	8260C	
680-201315-23	GWC-21	Total/NA	Ground Water	8260C	
680-201315-24	GWC-22	Total/NA	Ground Water	8260C	
680-201315-25	GWC-23	Total/NA	Ground Water	8260C	
680-201315-26	GWC-24	Total/NA	Ground Water	8260C	
680-201315-27	GWC-25	Total/NA	Ground Water	8260C	
680-201315-28	GWC-26	Total/NA	Ground Water	8260C	
680-201315-29	GWC-27	Total/NA	Ground Water	8260C	
680-201315-30	GWC-28	Total/NA	Ground Water	8260C	
680-201315-31	GWC-29	Total/NA	Ground Water	8260C	
680-201315-32	Field Blank	Total/NA	Water	8260C	
680-201315-35	SWC-1	Total/NA	Surface Water	8260C	
680-201315-36	SWC-2	Total/NA	Surface Water	8260C	
680-201315-37	SWC-6	Total/NA	Surface Water	8260C	
680-201315-38	SWC-7	Total/NA	Surface Water	8260C	
680-201315-39	SWC-8	Total/NA	Surface Water	8260C	
680-201315-40	SWC-10	Total/NA	Surface Water	8260C	
680-201315-41	SWC-12	Total/NA	Surface Water	8260C	
680-201315-43	SWC-5	Total/NA	Surface Water	8260C	
MB 680-676423/8	Method Blank	Total/NA	Water	8260C	
LCS 680-676423/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 680-676423/4	Lab Control Sample Dup	Total/NA	Water	8260C	

### Analysis Batch: 676445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-3	GWC-3	Total/NA	Ground Water	8260C	
680-201315-4	GWC-4	Total/NA	Ground Water	8260C	
MB 680-676445/8	Method Blank	Total/NA	Water	8260C	
LCS 680-676445/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 680-676445/4	Lab Control Sample Dup	Total/NA	Water	8260C	





# QC Association Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## GC/MS VOA

### Analysis Batch: 676455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-1	GWC-1	Total/NA	Ground Water	8260C	
680-201315-2	GWC-2	Total/NA	Ground Water	8260C	
MB 680-676455/8	Method Blank	Total/NA	Water	8260C	
LCS 680-676455/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 680-676455/4	Lab Control Sample Dup	Total/NA	Water	8260C	

### Analysis Batch: 676780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-4	GWC-4	Total/NA	Ground Water	8260C	
MB 680-676780/8	Method Blank	Total/NA	Water	8260C	
LCS 680-676780/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 680-676780/4	Lab Control Sample Dup	Total/NA	Water	8260C	

## HPLC/IC

### Analysis Batch: 676393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-42	SWC-9	Total/NA	Surface Water	9056A	
MB 680-676393/2	Method Blank	Total/NA	Water	9056A	
LCS 680-676393/3	Lab Control Sample	Total/NA	Water	9056A	
LCSD 680-676393/4	Lab Control Sample Dup	Total/NA	Water	9056A	

### Analysis Batch: 676395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-34	SWA-1	Total/NA	Surface Water	9056A	
MB 680-676395/33	Method Blank	Total/NA	Water	9056A	
LCS 680-676395/34	Lab Control Sample	Total/NA	Water	9056A	
LCSD 680-676395/35	Lab Control Sample Dup	Total/NA	Water	9056A	
680-201315-34 MS	SWA-1	Total/NA	Surface Water	9056A	
680-201315-34 MSD	SWA-1	Total/NA	Surface Water	9056A	

## Metals

### Prep Batch: 676387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-6	GWC-6	Total/NA	Ground Water	3010A	
680-201315-7	GWC-7	Total/NA	Ground Water	3010A	
680-201315-8	GWC-7A	Total/NA	Ground Water	3010A	
680-201315-9	GWC-8	Total/NA	Ground Water	3010A	
680-201315-10	GWC-9	Total/NA	Ground Water	3010A	
680-201315-11	GWC-10D	Total/NA	Ground Water	3010A	
680-201315-12	GWC-11	Total/NA	Ground Water	3010A	
680-201315-13	GWC-13R	Total/NA	Ground Water	3010A	
680-201315-14	GWC-14R	Total/NA	Ground Water	3010A	
680-201315-15	GWC-15	Total/NA	Ground Water	3010A	
680-201315-16	GWC-16	Total/NA	Ground Water	3010A	
680-201315-18	GWC-17	Total/NA	Ground Water	3010A	
680-201315-21	GWC-19	Total/NA	Ground Water	3010A	
680-201315-23	GWC-21	Total/NA	Ground Water	3010A	
680-201315-24	GWC-22	Total/NA	Ground Water	3010A	
680-201315-25	GWC-23	Total/NA	Ground Water	3010A	
680-201315-27	GWC-25	Total/NA	Ground Water	3010A	

Eurofins TestAmerica, Savannah

# QC Association Summary

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Metals (Continued)

### Prep Batch: 676387 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-30	GWC-28	Total/NA	Ground Water	3010A	
680-201315-35	SWC-1	Total/NA	Surface Water	3010A	
680-201315-36	SWC-2	Total/NA	Surface Water	3010A	
MB 680-676387/1-A	Method Blank	Total/NA	Water	3010A	
LCS 680-676387/2-A	Lab Control Sample	Total/NA	Water	3010A	
680-201315-16 MS	GWC-16	Total/NA	Ground Water	3010A	
680-201315-16 MSD	GWC-16	Total/NA	Ground Water	3010A	

### Prep Batch: 676389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-1	GWC-1	Total/NA	Ground Water	3010A	
680-201315-2	GWC-2	Total/NA	Ground Water	3010A	
680-201315-3	GWC-3	Total/NA	Ground Water	3010A	
680-201315-4	GWC-4	Total/NA	Ground Water	3010A	
680-201315-5	GWC-5	Total/NA	Ground Water	3010A	
680-201315-20	GWC-18	Total/NA	Ground Water	3010A	
680-201315-26	GWC-24	Total/NA	Ground Water	3010A	
680-201315-28	GWC-26	Total/NA	Ground Water	3010A	
680-201315-29	GWC-27	Total/NA	Ground Water	3010A	
680-201315-31	GWC-29	Total/NA	Ground Water	3010A	
680-201315-32	Field Blank	Total/NA	Water	3010A	
680-201315-38	SWC-7	Total/NA	Surface Water	3010A	
680-201315-39	SWC-8	Total/NA	Surface Water	3010A	
680-201315-40	SWC-10	Total/NA	Surface Water	3010A	
680-201315-41	SWC-12	Total/NA	Surface Water	3010A	
680-201315-42	SWC-9	Dissolved	Surface Water	3010A	
680-201315-43	SWC-5	Total/NA	Surface Water	3010A	
MB 680-676389/1-A	Method Blank	Total/NA	Water	3010A	
LCS 680-676389/2-A	Lab Control Sample	Total/NA	Water	3010A	
680-201315-41 MS	SWC-12	Total/NA	Surface Water	3010A	
680-201315-41 MSD	SWC-12	Total/NA	Surface Water	3010A	

### Prep Batch: 676390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-34	SWA-1	Dissolved	Surface Water	3010A	
680-201315-37	SWC-6	Total/NA	Surface Water	3010A	
MB 680-676390/1-A	Method Blank	Total/NA	Water	3010A	
LCS 680-676390/2-A	Lab Control Sample	Total/NA	Water	3010A	
680-201315-34 MS	SWA-1	Dissolved	Surface Water	3010A	
680-201315-34 MSD	SWA-1	Dissolved	Surface Water	3010A	

### Prep Batch: 676485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-34	SWA-1	Total Recoverable	Surface Water	3005A	
680-201315-42	SWC-9	Total Recoverable	Surface Water	3005A	
MB 680-676485/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-676485/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-201315-42 MS	SWC-9	Total Recoverable	Surface Water	3005A	
680-201315-42 MSD	SWC-9	Total Recoverable	Surface Water	3005A	

# QC Association Summary

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Metals

### Prep Batch: 676514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-34	SWA-1	Total/NA	Surface Water	7470A	
680-201315-42	SWC-9	Total/NA	Surface Water	7470A	
MB 680-676514/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-676514/2-A	Lab Control Sample	Total/NA	Water	7470A	

### Analysis Batch: 676576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-1	GWC-1	Total/NA	Ground Water	6020A	676389
680-201315-2	GWC-2	Total/NA	Ground Water	6020A	676389
680-201315-3	GWC-3	Total/NA	Ground Water	6020A	676389
680-201315-4	GWC-4	Total/NA	Ground Water	6020A	676389
680-201315-5	GWC-5	Total/NA	Ground Water	6020A	676389
680-201315-6	GWC-6	Total/NA	Ground Water	6020A	676387
680-201315-7	GWC-7	Total/NA	Ground Water	6020A	676387
680-201315-8	GWC-7A	Total/NA	Ground Water	6020A	676387
680-201315-9	GWC-8	Total/NA	Ground Water	6020A	676387
680-201315-10	GWC-9	Total/NA	Ground Water	6020A	676387
680-201315-11	GWC-10D	Total/NA	Ground Water	6020A	676387
680-201315-12	GWC-11	Total/NA	Ground Water	6020A	676387
680-201315-13	GWC-13R	Total/NA	Ground Water	6020A	676387
680-201315-14	GWC-14R	Total/NA	Ground Water	6020A	676387
680-201315-15	GWC-15	Total/NA	Ground Water	6020A	676387
680-201315-16	GWC-16	Total/NA	Ground Water	6020A	676387
680-201315-18	GWC-17	Total/NA	Ground Water	6020A	676387
680-201315-20	GWC-18	Total/NA	Ground Water	6020A	676389
680-201315-21	GWC-19	Total/NA	Ground Water	6020A	676387
680-201315-23	GWC-21	Total/NA	Ground Water	6020A	676387
680-201315-24	GWC-22	Total/NA	Ground Water	6020A	676387
680-201315-25	GWC-23	Total/NA	Ground Water	6020A	676387
680-201315-26	GWC-24	Total/NA	Ground Water	6020A	676389
680-201315-27	GWC-25	Total/NA	Ground Water	6020A	676387
680-201315-28	GWC-26	Total/NA	Ground Water	6020A	676389
680-201315-29	GWC-27	Total/NA	Ground Water	6020A	676389
680-201315-30	GWC-28	Total/NA	Ground Water	6020A	676387
680-201315-31	GWC-29	Total/NA	Ground Water	6020A	676389
680-201315-32	Field Blank	Total/NA	Water	6020A	676389
680-201315-34	SWA-1	Dissolved	Surface Water	6020A	676390
680-201315-35	SWC-1	Total/NA	Surface Water	6020A	676387
680-201315-36	SWC-2	Total/NA	Surface Water	6020A	676387
680-201315-37	SWC-6	Total/NA	Surface Water	6020A	676390
680-201315-38	SWC-7	Total/NA	Surface Water	6020A	676389
680-201315-39	SWC-8	Total/NA	Surface Water	6020A	676389
680-201315-40	SWC-10	Total/NA	Surface Water	6020A	676389
680-201315-41	SWC-12	Total/NA	Surface Water	6020A	676389
680-201315-42	SWC-9	Dissolved	Surface Water	6020A	676389
680-201315-43	SWC-5	Total/NA	Surface Water	6020A	676389
MB 680-676387/1-A	Method Blank	Total/NA	Water	6020A	676387
MB 680-676389/1-A	Method Blank	Total/NA	Water	6020A	676389
MB 680-676390/1-A	Method Blank	Total/NA	Water	6020A	676390
LCS 680-676387/2-A	Lab Control Sample	Total/NA	Water	6020A	676387
LCS 680-676389/2-A	Lab Control Sample	Total/NA	Water	6020A	676389

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# QC Association Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Metals (Continued)

### Analysis Batch: 676576 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-676390/2-A	Lab Control Sample	Total/NA	Water	6020A	676390
680-201315-16 MS	GWC-16	Total/NA	Ground Water	6020A	676387
680-201315-16 MSD	GWC-16	Total/NA	Ground Water	6020A	676387
680-201315-34 MS	SWA-1	Dissolved	Surface Water	6020A	676390
680-201315-34 MSD	SWA-1	Dissolved	Surface Water	6020A	676390
680-201315-41 MS	SWC-12	Total/NA	Surface Water	6020A	676389
680-201315-41 MSD	SWC-12	Total/NA	Surface Water	6020A	676389

### Analysis Batch: 676697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-34	SWA-1	Total/NA	Surface Water	7470A	676514
680-201315-42	SWC-9	Total/NA	Surface Water	7470A	676514
MB 680-676514/1-A	Method Blank	Total/NA	Water	7470A	676514
LCS 680-676514/2-A	Lab Control Sample	Total/NA	Water	7470A	676514

### Analysis Batch: 676770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-34	SWA-1	Total Recoverable	Surface Water	6020A	676485
680-201315-42	SWC-9	Total Recoverable	Surface Water	6020A	676485
MB 680-676485/1-A	Method Blank	Total Recoverable	Water	6020A	676485
LCS 680-676485/2-A	Lab Control Sample	Total Recoverable	Water	6020A	676485
680-201315-42 MS	SWC-9	Total Recoverable	Surface Water	6020A	676485
680-201315-42 MSD	SWC-9	Total Recoverable	Surface Water	6020A	676485

## General Chemistry

### Prep Batch: 676398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-34	SWA-1	Total/NA	Surface Water	Distill/CN	
680-201315-42	SWC-9	Total/NA	Surface Water	Distill/CN	
MB 680-676398/12-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 680-676398/13-A	Lab Control Sample	Total/NA	Water	Distill/CN	
LCSD 680-676398/31-A	Lab Control Sample Dup	Total/NA	Water	Distill/CN	

### Analysis Batch: 676511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-34	SWA-1	Total/NA	Surface Water	335.4-1993 R1.0	676398
680-201315-42	SWC-9	Total/NA	Surface Water	335.4-1993 R1.0	676398
MB 680-676398/12-A	Method Blank	Total/NA	Water	335.4-1993 R1.0	676398
LCS 680-676398/13-A	Lab Control Sample	Total/NA	Water	335.4-1993 R1.0	676398
LCSD 680-676398/31-A	Lab Control Sample Dup	Total/NA	Water	335.4-1993 R1.0	676398

### Analysis Batch: 676586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-34	SWA-1	Total/NA	Surface Water	5310 B-2011	
680-201315-42	SWC-9	Total/NA	Surface Water	5310 B-2011	
MB 680-676586/4	Method Blank	Total/NA	Water	5310 B-2011	
LCS 680-676586/5	Lab Control Sample	Total/NA	Water	5310 B-2011	
LCSD 680-676586/6	Lab Control Sample Dup	Total/NA	Water	5310 B-2011	

# QC Association Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## General Chemistry

### Analysis Batch: 676866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201315-34	SWA-1	Total/NA	Surface Water	5220D-2011	
680-201315-42	SWC-9	Total/NA	Surface Water	5220D-2011	
MB 680-676866/3	Method Blank	Total/NA	Water	5220D-2011	
LCS 680-676866/4	Lab Control Sample	Total/NA	Water	5220D-2011	

- 1
- 2
- 3
- 4
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- 8
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- 10
- 11
- 12
- 13

# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-1**

**Lab Sample ID: 680-201315-1**

Date Collected: 07/07/21 11:38

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676455	07/13/21 16:29	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 17:40	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-2**

**Lab Sample ID: 680-201315-2**

Date Collected: 07/07/21 11:01

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676455	07/13/21 16:49	Y1S	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 17:44	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-3**

**Lab Sample ID: 680-201315-3**

Date Collected: 07/07/21 10:13

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676445	07/13/21 20:21	Y1S	TAL SAV
Instrument ID: CMSO2										
Total/NA	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 17:15	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-4**

**Lab Sample ID: 680-201315-4**

Date Collected: 07/08/21 10:11

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676445	07/13/21 17:14	Y1S	TAL SAV
Instrument ID: CMSO2										
Total/NA	Analysis	8260C		1	5 mL	5 mL	676780	07/15/21 14:33	P1C	TAL SAV
Instrument ID: CMSU										
Total/NA	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 17:19	BWR	TAL SAV
Instrument ID: ICPMSC										

# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Client Sample ID: GWC-5

Date Collected: 07/08/21 10:40

Date Received: 07/10/21 11:55

## Lab Sample ID: 680-201315-5

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	8260C		1	5 mL	5 mL	676414	07/13/21 16:41	Y1S	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 17:22	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: GWC-6

Date Collected: 07/06/21 10:42

Date Received: 07/10/21 11:55

## Lab Sample ID: 680-201315-6

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	8260C		1	5 mL	5 mL	676414	07/13/21 17:05	Y1S	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 19:12	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: GWC-7

Date Collected: 07/06/21 12:00

Date Received: 07/10/21 11:55

## Lab Sample ID: 680-201315-7

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	8260C		1	5 mL	5 mL	676414	07/13/21 17:30	Y1S	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 19:26	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: GWC-7A

Date Collected: 07/06/21 11:36

Date Received: 07/10/21 11:55

## Lab Sample ID: 680-201315-8

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	8260C		1	5 mL	5 mL	676414	07/13/21 17:54	Y1S	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 18:58	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: GWC-8

Date Collected: 07/08/21 11:11

Date Received: 07/10/21 11:55

## Lab Sample ID: 680-201315-9

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	8260C		1	5 mL	5 mL	676414	07/13/21 18:19	Y1S	TAL SAV
Instrument ID: CMSAA										

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# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-8**

**Lab Sample ID: 680-201315-9**

Date Collected: 07/08/21 11:11

Matrix: Ground Water

Date Received: 07/10/21 11:55

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	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 19:01	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-9**

**Lab Sample ID: 680-201315-10**

Date Collected: 07/06/21 11:36

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676414	07/13/21 18:44	Y1S	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 19:05	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-10D**

**Lab Sample ID: 680-201315-11**

Date Collected: 07/08/21 11:42

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676414	07/13/21 19:08	Y1S	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 19:08	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-11**

**Lab Sample ID: 680-201315-12**

Date Collected: 07/06/21 12:44

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676414	07/13/21 19:33	Y1S	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 19:44	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-13R**

**Lab Sample ID: 680-201315-13**

Date Collected: 07/07/21 14:52

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676414	07/13/21 19:57	Y1S	TAL SAV
Instrument ID: CMSAA										



# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Client Sample ID: GWC-13R

## Lab Sample ID: 680-201315-13

Date Collected: 07/07/21 14:52

Matrix: Ground Water

Date Received: 07/10/21 11:55

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	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 19:30	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: GWC-14R

## Lab Sample ID: 680-201315-14

Date Collected: 07/08/21 12:20

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676414	07/13/21 20:22	Y1S	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 18:44	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: GWC-15

## Lab Sample ID: 680-201315-15

Date Collected: 07/06/21 13:17

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676414	07/13/21 20:46	Y1S	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 18:47	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: GWC-16

## Lab Sample ID: 680-201315-16

Date Collected: 07/08/21 11:58

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676414	07/13/21 21:11	Y1S	TAL SAV
Instrument ID: CMSAA										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 18:08	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: GWC-17

## Lab Sample ID: 680-201315-17

Date Collected: 07/06/21 14:08

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676414	07/13/21 21:35	Y1S	TAL SAV
Instrument ID: CMSAA										

# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-17**

**Lab Sample ID: 680-201315-18**

Date Collected: 07/07/21 09:45

Matrix: Ground Water

Date Received: 07/10/21 11:55

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	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 18:26	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-18**

**Lab Sample ID: 680-201315-19**

Date Collected: 07/06/21 15:11

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 14:40	Y1S	TAL SAV
Instrument ID: CMSB										

**Client Sample ID: GWC-18**

**Lab Sample ID: 680-201315-20**

Date Collected: 07/07/21 09:58

Matrix: Ground Water

Date Received: 07/10/21 11:55

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	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 16:40	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-19**

**Lab Sample ID: 680-201315-21**

Date Collected: 07/08/21 10:21

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 15:01	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 19:33	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-21**

**Lab Sample ID: 680-201315-23**

Date Collected: 07/08/21 11:34

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 15:21	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 19:37	BWR	TAL SAV
Instrument ID: ICPMSC										

# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: GWC-22**

**Lab Sample ID: 680-201315-24**

Date Collected: 07/07/21 12:37

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 15:42	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 19:40	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-23**

**Lab Sample ID: 680-201315-25**

Date Collected: 07/07/21 13:16

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 16:02	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 18:33	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-24**

**Lab Sample ID: 680-201315-26**

Date Collected: 07/07/21 14:26

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 16:23	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 16:58	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-25**

**Lab Sample ID: 680-201315-27**

Date Collected: 07/07/21 13:51

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 16:43	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 19:16	BWR	TAL SAV
Instrument ID: ICPMSC										

**Client Sample ID: GWC-26**

**Lab Sample ID: 680-201315-28**

Date Collected: 07/08/21 10:57

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 17:04	Y1S	TAL SAV
Instrument ID: CMSB										

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# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Client Sample ID: GWC-26

## Lab Sample ID: 680-201315-28

Date Collected: 07/08/21 10:57

Matrix: Ground Water

Date Received: 07/10/21 11:55

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	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 17:26	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: GWC-27

## Lab Sample ID: 680-201315-29

Date Collected: 07/06/21 15:48

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 17:24	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 17:37	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: GWC-28

## Lab Sample ID: 680-201315-30

Date Collected: 07/07/21 11:24

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 17:45	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 18:30	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: GWC-29

## Lab Sample ID: 680-201315-31

Date Collected: 07/07/21 12:03

Matrix: Ground Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 18:05	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 16:36	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: Field Blank

## Lab Sample ID: 680-201315-32

Date Collected: 07/09/21 11:00

Matrix: Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 14:20	Y1S	TAL SAV
Instrument ID: CMSB										

# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Client Sample ID: Field Blank

Lab Sample ID: 680-201315-32

Date Collected: 07/09/21 11:00

Matrix: Water

Date Received: 07/10/21 11:55

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	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 17:01	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: SWA-1

Lab Sample ID: 680-201315-34

Date Collected: 07/09/21 10:54

Matrix: Surface Water

Date Received: 07/10/21 11:55

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	676395	07/13/21 17:28	UI	TAL SAV
Instrument ID: CICK										
Dissolved	Prep	3010A			50 mL	250 mL	676390	07/13/21 08:20	BJB	TAL SAV
Dissolved	Analysis	6020A		1			676576	07/13/21 14:36	BWR	TAL SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			50 mL	250 mL	676485	07/13/21 12:13	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1			676770	07/14/21 16:24	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Prep	7470A			50 mL	50 mL	676514	07/13/21 13:58	JKL	TAL SAV
Total/NA	Analysis	7470A		1			676697	07/14/21 13:16	JKL	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	Distill/CN			6 mL	6 mL	676398	07/13/21 09:14	NVF	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0		1			676511	07/13/21 12:06	NVF	TAL SAV
Instrument ID: KONELAB4										
Total/NA	Analysis	5220D-2011		1	2 mL	2 mL	676866	07/15/21 17:27	MCL	TAL SAV
Instrument ID: SPC7										
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	676586	07/13/21 14:08	OM	TAL SAV
Instrument ID: TOC8										

## Client Sample ID: SWC-1

Lab Sample ID: 680-201315-35

Date Collected: 07/09/21 10:12

Matrix: Surface Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 18:26	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 18:51	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: SWC-2

Lab Sample ID: 680-201315-36

Date Collected: 07/09/21 10:30

Matrix: Surface Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 18:46	Y1S	TAL SAV
Instrument ID: CMSB										

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# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Client Sample ID: SWC-2

Lab Sample ID: 680-201315-36

Date Collected: 07/09/21 10:30

Matrix: Surface Water

Date Received: 07/10/21 11:55

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	676387	07/13/21 08:13	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 18:54	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: SWC-6

Lab Sample ID: 680-201315-37

Date Collected: 07/09/21 11:34

Matrix: Surface Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 19:07	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676390	07/13/21 08:20	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 14:58	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: SWC-7

Lab Sample ID: 680-201315-38

Date Collected: 07/09/21 11:24

Matrix: Surface Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 19:27	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 17:47	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: SWC-8

Lab Sample ID: 680-201315-39

Date Collected: 07/09/21 10:11

Matrix: Surface Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 19:48	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 17:05	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: SWC-10

Lab Sample ID: 680-201315-40

Date Collected: 07/09/21 10:32

Matrix: Surface Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 20:08	Y1S	TAL SAV
Instrument ID: CMSB										

# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Client Sample ID: SWC-10

## Lab Sample ID: 680-201315-40

Date Collected: 07/09/21 10:32

Matrix: Surface Water

Date Received: 07/10/21 11:55

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	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 16:43	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: SWC-12

## Lab Sample ID: 680-201315-41

Date Collected: 07/09/21 09:57

Matrix: Surface Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 20:29	Y1S	TAL SAV
Instrument ID: CMSB										
Total/NA	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 16:19	BWR	TAL SAV
Instrument ID: ICPMSC										

## Client Sample ID: SWC-9

## Lab Sample ID: 680-201315-42

Date Collected: 07/06/21 14:20

Matrix: Surface Water

Date Received: 07/10/21 11:55

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	676393	07/13/21 14:44	UI	TAL SAV
Instrument ID: CICK										
Dissolved	Prep	3010A			50 mL	250 mL	676389	07/13/21 08:18	BJB	TAL SAV
Dissolved	Analysis	6020A		1			676576	07/13/21 17:08	BWR	TAL SAV
Instrument ID: ICPMSC										
Total Recoverable	Prep	3005A			50 mL	250 mL	676485	07/13/21 12:13	BJB	TAL SAV
Total Recoverable	Analysis	6020A		1			676770	07/14/21 16:06	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Prep	7470A			50 mL	50 mL	676514	07/13/21 13:58	JKL	TAL SAV
Total/NA	Analysis	7470A		1			676697	07/14/21 13:19	JKL	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	Distill/CN			6 mL	6 mL	676398	07/13/21 09:14	NVF	TAL SAV
Total/NA	Analysis	335.4-1993 R1.0		1			676511	07/13/21 12:06	NVF	TAL SAV
Instrument ID: KONELAB4										
Total/NA	Analysis	5220D-2011		1	2 mL	2 mL	676866	07/15/21 17:27	MCL	TAL SAV
Instrument ID: SPC7										
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	676586	07/13/21 14:23	OM	TAL SAV
Instrument ID: TOC8										

## Client Sample ID: SWC-5

## Lab Sample ID: 680-201315-43

Date Collected: 07/06/21 13:37

Matrix: Surface Water

Date Received: 07/10/21 11:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	676423	07/13/21 20:49	Y1S	TAL SAV
Instrument ID: CMSB										

Eurofins TestAmerica, Savannah

# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

**Client Sample ID: SWC-5**

**Lab Sample ID: 680-201315-43**

**Date Collected: 07/06/21 13:37**

**Matrix: Surface Water**

**Date Received: 07/10/21 11:55**

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	676389	07/13/21 08:18	BJB	TAL SAV
Total/NA	Analysis	6020A		1			676576	07/13/21 16:54	BWR	TAL SAV

Instrument ID: ICPMSC

**Laboratory References:**

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





# Accreditation/Certification Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201315-1

## Laboratory: Eurofins TestAmerica, 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: 680-201315-1

Method	Method Description	Protocol	Laboratory
8260C	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
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL SAV
3010A	Preparation, Total Metals	SW846	TAL SAV
5030C	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 TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858





# Chain of Custody Record

<b>Client Information</b>		Savannah, GA 31404		Lab PM: John Andros		Garner Tracking No(s)		COC No	
Mr. Scott Mann		Phone: 904-909-5781		E-Mail: john.andros@eurofins.com		Page 2 of 4		Job #	
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:		Due Date Requested:		TAT Requested (days): Standard	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=wastolat, BT=tissue, A=air)	
GWC-11	7/6/21	1244	G	W					
GWC-13R	7/7	1452	G	W					
GWC-14R	7/8	1220	G	W					
GWC-15	7/6	1317	G	W					
GWC-16	7/8	1158	G	W					
GWC-17	7/6	1408	G	W					
LD	7/7	0945	G	W					
GWC-18	7/6	1511	G	W					
LD	7/7	0958	G	W					
GWC-19	7/8	1021	G	W					
GWC-20	7/7	1051	G	W					
<b>Possible Hazard Identification</b> <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 Deliverable Requested: I, II, III, IV, Other (specify)									
<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b> <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months									
Special Instructions/QC Requirements:									
Empty Kit Relinquished by: _____ Date: _____									
Relinquished by: <i>Michelle</i> Date/Time: 7/9/21 1320 Company: _____									
Relinquished by: <i>Tabreyah</i> Date/Time: 7/9/21 1325 Company: _____									
Relinquished by: _____ Date/Time: _____ Company: _____									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: _____									
Cooler Temperature(s) °C and Other Remarks:									









## Login Sample Receipt Checklist

Client: GFL Environmental

Job Number: 680-201315-1

**Login Number: 201315**

**List Source: Eurofins TestAmerica, 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.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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	

## ANALYTICAL REPORT

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

Laboratory Job ID: 680-201627-1  
Client Project/Site: Eagle Point Landfill

For:  
GFL Environmental  
6905 Roosevelt Hwy  
Fairburn, Georgia 30213

Attn: Robert Heller



Authorized for release by:  
7/20/2021 1:21:34 PM

John Andros, Project Manager I  
(404)944-4744  
[john.andros@eurofinset.com](mailto:john.andros@eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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

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

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



# Definitions/Glossary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	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: 680-201627-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
680-201627-1	GWC-20	Ground Water	07/14/21 10:22	07/16/21 11:10	

---

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Case Narrative

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

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## Job ID: 680-201627-1

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Laboratory: Eurofins TestAmerica, Savannah

### Narrative

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#### Job Narrative 680-201627-1

### Comments

No additional comments.

### Receipt

The sample was received on 7/16/2021 11:10 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1° C.

### GC/MS VOA

Method 8260C: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 680-677332 was outside criteria for the following analyte(s): 2-Butanone (MEK), Acetone and Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

Method 8260C: The continuing calibration verification (CCV) associated with batch 680-677332 recovered above the upper control limit for Acetone, Vinyl acetate, Styrene, Chlorobromomethane, Chloroethane and 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) associated with batch 680-677332 recovered outside acceptance criteria, low biased, for Bromomethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

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

### Metals

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



# Detection Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

**Client Sample ID: GWC-20**

**Lab Sample ID: 680-201627-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.023	F1	0.020		mg/L	1		6020A	Total/NA

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

**Client Sample ID: GWC-20**

**Lab Sample ID: 680-201627-1**

Date Collected: 07/14/21 10:22

Matrix: Ground Water

Date Received: 07/16/21 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100		ug/L			07/19/21 16:10	1
Acrylonitrile	ND		50		ug/L			07/19/21 16:10	1
Benzene	ND		2.0		ug/L			07/19/21 16:10	1
Bromoform	ND		10		ug/L			07/19/21 16:10	1
Bromomethane	ND		10		ug/L			07/19/21 16:10	1
2-Butanone (MEK)	ND		100		ug/L			07/19/21 16:10	1
Carbon disulfide	ND		5.0		ug/L			07/19/21 16:10	1
Carbon tetrachloride	ND		2.0		ug/L			07/19/21 16:10	1
Chlorobenzene	ND		10		ug/L			07/19/21 16:10	1
Chlorobromomethane	ND		10		ug/L			07/19/21 16:10	1
Chlorodibromomethane	ND		10		ug/L			07/19/21 16:10	1
Chloroethane	ND		5.0		ug/L			07/19/21 16:10	1
Chloroform	ND		2.0		ug/L			07/19/21 16:10	1
Chloromethane	ND		10		ug/L			07/19/21 16:10	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/19/21 16:10	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/19/21 16:10	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/19/21 16:10	1
1,2-Dibromoethane	ND		5.0		ug/L			07/19/21 16:10	1
Dibromomethane	ND		10		ug/L			07/19/21 16:10	1
1,2-Dichlorobenzene	ND		10		ug/L			07/19/21 16:10	1
1,4-Dichlorobenzene	ND		10		ug/L			07/19/21 16:10	1
Dichlorobromomethane	ND		10		ug/L			07/19/21 16:10	1
1,1-Dichloroethane	ND		2.0		ug/L			07/19/21 16:10	1
1,2-Dichloroethane	ND		2.0		ug/L			07/19/21 16:10	1
1,1-Dichloroethene	ND		2.0		ug/L			07/19/21 16:10	1
1,2-Dichloropropane	ND		2.0		ug/L			07/19/21 16:10	1
Ethylbenzene	ND		2.0		ug/L			07/19/21 16:10	1
2-Hexanone	ND		50		ug/L			07/19/21 16:10	1
Iodomethane	ND		100		ug/L			07/19/21 16:10	1
Methylene Chloride	ND		5.0		ug/L			07/19/21 16:10	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/19/21 16:10	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/19/21 16:10	1
o-Xylene	ND		5.0		ug/L			07/19/21 16:10	1
Styrene	ND		10		ug/L			07/19/21 16:10	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/19/21 16:10	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/19/21 16:10	1
Tetrachloroethene	ND		2.0		ug/L			07/19/21 16:10	1
Toluene	ND		2.0		ug/L			07/19/21 16:10	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/19/21 16:10	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/19/21 16:10	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/19/21 16:10	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/19/21 16:10	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/19/21 16:10	1
Trichloroethene	ND		2.0		ug/L			07/19/21 16:10	1
Trichlorofluoromethane	ND		10		ug/L			07/19/21 16:10	1
1,2,3-Trichloropropane	ND		10		ug/L			07/19/21 16:10	1
Vinyl acetate	ND		100		ug/L			07/19/21 16:10	1
Vinyl chloride	ND		2.0		ug/L			07/19/21 16:10	1
Xylenes, Total	ND		5.0		ug/L			07/19/21 16:10	1

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

**Client Sample ID: GWC-20**

**Lab Sample ID: 680-201627-1**

Date Collected: 07/14/21 10:22

Matrix: Ground Water

Date Received: 07/16/21 11:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130		07/19/21 16:10	1
Dibromofluoromethane (Surr)	96		70 - 130		07/19/21 16:10	1
1,2-Dichloroethane-d4 (Surr)	78		60 - 124		07/19/21 16:10	1
Toluene-d8 (Surr)	90		70 - 130		07/19/21 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060		mg/L		07/19/21 08:21	07/19/21 16:03	1
Arsenic	ND		0.010		mg/L		07/19/21 08:21	07/19/21 16:03	1
Barium	ND		0.020		mg/L		07/19/21 08:21	07/19/21 16:03	1
Beryllium	ND		0.0030		mg/L		07/19/21 08:21	07/19/21 16:03	1
Cadmium	ND		0.0050		mg/L		07/19/21 08:21	07/19/21 16:03	1
Chromium	ND		0.010		mg/L		07/19/21 08:21	07/19/21 16:03	1
Cobalt	ND		0.0060		mg/L		07/19/21 08:21	07/19/21 16:03	1
Copper	ND		0.020		mg/L		07/19/21 08:21	07/19/21 16:03	1
Lead	ND		0.015		mg/L		07/19/21 08:21	07/19/21 16:03	1
Nickel	ND		0.020		mg/L		07/19/21 08:21	07/19/21 16:03	1
Selenium	ND		0.010		mg/L		07/19/21 08:21	07/19/21 16:03	1
Silver	ND		0.010		mg/L		07/19/21 08:21	07/19/21 16:03	1
Thallium	ND		0.0020		mg/L		07/19/21 08:21	07/19/21 16:03	1
Vanadium	ND		0.020		mg/L		07/19/21 08:21	07/19/21 16:03	1
<b>Zinc</b>	<b>0.023</b>	<b>F1</b>	0.020		mg/L		07/19/21 08:21	07/19/21 16:03	1

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

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

Lab Sample ID: MB 680-677332/8

Matrix: Water

Analysis Batch: 677332

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		100		ug/L			07/19/21 15:01	1
Acrylonitrile	ND		50		ug/L			07/19/21 15:01	1
Benzene	ND		2.0		ug/L			07/19/21 15:01	1
Bromoform	ND		10		ug/L			07/19/21 15:01	1
Bromomethane	ND		10		ug/L			07/19/21 15:01	1
2-Butanone (MEK)	ND		100		ug/L			07/19/21 15:01	1
Carbon disulfide	ND		5.0		ug/L			07/19/21 15:01	1
Carbon tetrachloride	ND		2.0		ug/L			07/19/21 15:01	1
Chlorobenzene	ND		10		ug/L			07/19/21 15:01	1
Chlorobromomethane	ND		10		ug/L			07/19/21 15:01	1
Chlorodibromomethane	ND		10		ug/L			07/19/21 15:01	1
Chloroethane	ND		5.0		ug/L			07/19/21 15:01	1
Chloroform	ND		2.0		ug/L			07/19/21 15:01	1
Chloromethane	ND		10		ug/L			07/19/21 15:01	1
cis-1,2-Dichloroethene	ND		2.0		ug/L			07/19/21 15:01	1
cis-1,3-Dichloropropene	ND		2.0		ug/L			07/19/21 15:01	1
1,2-Dibromo-3-Chloropropane	ND		25		ug/L			07/19/21 15:01	1
1,2-Dibromoethane	ND		5.0		ug/L			07/19/21 15:01	1
Dibromomethane	ND		10		ug/L			07/19/21 15:01	1
1,2-Dichlorobenzene	ND		10		ug/L			07/19/21 15:01	1
1,4-Dichlorobenzene	ND		10		ug/L			07/19/21 15:01	1
Dichlorobromomethane	ND		10		ug/L			07/19/21 15:01	1
1,1-Dichloroethane	ND		2.0		ug/L			07/19/21 15:01	1
1,2-Dichloroethane	ND		2.0		ug/L			07/19/21 15:01	1
1,1-Dichloroethene	ND		2.0		ug/L			07/19/21 15:01	1
1,2-Dichloropropane	ND		2.0		ug/L			07/19/21 15:01	1
Ethylbenzene	ND		2.0		ug/L			07/19/21 15:01	1
2-Hexanone	ND		50		ug/L			07/19/21 15:01	1
Iodomethane	ND		100		ug/L			07/19/21 15:01	1
Methylene Chloride	ND		5.0		ug/L			07/19/21 15:01	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/19/21 15:01	1
m-Xylene & p-Xylene	ND		5.0		ug/L			07/19/21 15:01	1
o-Xylene	ND		5.0		ug/L			07/19/21 15:01	1
Styrene	ND		10		ug/L			07/19/21 15:01	1
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			07/19/21 15:01	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			07/19/21 15:01	1
Tetrachloroethene	ND		2.0		ug/L			07/19/21 15:01	1
Toluene	ND		2.0		ug/L			07/19/21 15:01	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			07/19/21 15:01	1
trans-1,2-Dichloroethene	ND		2.0		ug/L			07/19/21 15:01	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			07/19/21 15:01	1
1,1,1-Trichloroethane	ND		2.0		ug/L			07/19/21 15:01	1
1,1,2-Trichloroethane	ND		2.0		ug/L			07/19/21 15:01	1
Trichloroethene	ND		2.0		ug/L			07/19/21 15:01	1
Trichlorofluoromethane	ND		10		ug/L			07/19/21 15:01	1
1,2,3-Trichloropropane	ND		10		ug/L			07/19/21 15:01	1
Vinyl acetate	ND		100		ug/L			07/19/21 15:01	1
Vinyl chloride	ND		2.0		ug/L			07/19/21 15:01	1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

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

Lab Sample ID: MB 680-677332/8

Matrix: Water

Analysis Batch: 677332

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			07/19/21 15:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130		07/19/21 15:01	1
Dibromofluoromethane (Surr)	92		70 - 130		07/19/21 15:01	1
1,2-Dichloroethane-d4 (Surr)	76		60 - 124		07/19/21 15:01	1
Toluene-d8 (Surr)	91		70 - 130		07/19/21 15:01	1

Lab Sample ID: LCS 680-677332/3

Matrix: Water

Analysis Batch: 677332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	216		ug/L		87	67 - 120
Acrylonitrile	500	454		ug/L		91	70 - 130
Benzene	50.0	51.0		ug/L		102	70 - 130
Bromoform	50.0	56.8		ug/L		114	69 - 129
Bromomethane	50.0	31.6		ug/L		63	28 - 192
2-Butanone (MEK)	250	225		ug/L		90	69 - 120
Carbon disulfide	50.0	47.5		ug/L		95	70 - 130
Carbon tetrachloride	50.0	46.1		ug/L		92	70 - 130
Chlorobenzene	50.0	54.2		ug/L		108	70 - 130
Chlorobromomethane	50.0	57.0		ug/L		114	70 - 130
Chlorodibromomethane	50.0	54.5		ug/L		109	70 - 130
Chloroethane	50.0	67.7		ug/L		135	31 - 213
Chloroform	50.0	49.4		ug/L		99	70 - 130
Chloromethane	50.0	41.5		ug/L		83	59 - 127
cis-1,2-Dichloroethene	50.0	46.9		ug/L		94	70 - 130
cis-1,3-Dichloropropene	50.0	51.8		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	52.0		ug/L		104	70 - 130
1,2-Dibromoethane	50.0	53.5		ug/L		107	70 - 130
Dibromomethane	50.0	44.6		ug/L		89	70 - 130
1,2-Dichlorobenzene	50.0	51.8		ug/L		104	70 - 130
1,4-Dichlorobenzene	50.0	51.0		ug/L		102	70 - 130
Dichlorobromomethane	50.0	48.3		ug/L		97	70 - 130
1,1-Dichloroethane	50.0	48.7		ug/L		97	70 - 130
1,2-Dichloroethane	50.0	42.7		ug/L		85	70 - 130
1,1-Dichloroethene	50.0	47.5		ug/L		95	70 - 130
1,2-Dichloropropane	50.0	48.6		ug/L		97	70 - 130
Ethylbenzene	50.0	53.8		ug/L		108	70 - 130
2-Hexanone	250	190		ug/L		76	70 - 130
Iodomethane	50.0	41.8	J	ug/L		84	52 - 129
Methylene Chloride	50.0	45.9		ug/L		92	70 - 130
4-Methyl-2-pentanone (MIBK)	250	199		ug/L		80	68 - 120
m-Xylene & p-Xylene	50.0	54.8		ug/L		110	70 - 130
o-Xylene	50.0	54.2		ug/L		108	70 - 130
Styrene	50.0	59.7		ug/L		119	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.2		ug/L		104	70 - 130

Eurofins TestAmerica, Savannah



# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

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

Lab Sample ID: LCS 680-677332/3

Matrix: Water

Analysis Batch: 677332

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	51.5		ug/L		103	70 - 130
Tetrachloroethene	50.0	55.6		ug/L		111	70 - 130
Toluene	50.0	52.3		ug/L		105	70 - 130
trans-1,4-Dichloro-2-butene	50.0	41.2		ug/L		82	67 - 120
trans-1,2-Dichloroethene	50.0	56.0		ug/L		112	70 - 130
trans-1,3-Dichloropropene	50.0	49.3		ug/L		99	70 - 130
1,1,1-Trichloroethane	50.0	44.7		ug/L		89	70 - 130
1,1,2-Trichloroethane	50.0	51.4		ug/L		103	70 - 130
Trichloroethene	50.0	55.9		ug/L		112	70 - 130
Trichlorofluoromethane	50.0	51.4		ug/L		103	63 - 142
1,2,3-Trichloropropane	50.0	52.3		ug/L		105	70 - 130
Vinyl acetate	100	120		ug/L		120	67 - 135
Vinyl chloride	50.0	45.3		ug/L		91	66 - 129
Xylenes, Total	100	109		ug/L		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
Dibromofluoromethane (Surr)	94		70 - 130
1,2-Dichloroethane-d4 (Surr)	78		60 - 124
Toluene-d8 (Surr)	93		70 - 130

Lab Sample ID: LCSD 680-677332/4

Matrix: Water

Analysis Batch: 677332

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	250	251		ug/L		100	67 - 120	15	30
Acrylonitrile	500	489		ug/L		98	70 - 130	7	30
Benzene	50.0	52.7		ug/L		105	70 - 130	3	30
Bromoform	50.0	58.8		ug/L		118	69 - 129	4	30
Bromomethane	50.0	26.0		ug/L		52	28 - 192	20	30
2-Butanone (MEK)	250	257		ug/L		103	69 - 120	13	30
Carbon disulfide	50.0	48.8		ug/L		98	70 - 130	3	30
Carbon tetrachloride	50.0	47.2		ug/L		94	70 - 130	2	30
Chlorobenzene	50.0	55.4		ug/L		111	70 - 130	2	30
Chlorobromomethane	50.0	59.5		ug/L		119	70 - 130	4	30
Chlorodibromomethane	50.0	58.1		ug/L		116	70 - 130	6	30
Chloroethane	50.0	64.4		ug/L		129	31 - 213	5	30
Chloroform	50.0	50.5		ug/L		101	70 - 130	2	30
Chloromethane	50.0	42.0		ug/L		84	59 - 127	1	30
cis-1,2-Dichloroethene	50.0	48.3		ug/L		97	70 - 130	3	30
cis-1,3-Dichloropropene	50.0	54.2		ug/L		108	70 - 130	5	20
1,2-Dibromo-3-Chloropropane	50.0	55.7		ug/L		111	70 - 130	7	30
1,2-Dibromoethane	50.0	56.4		ug/L		113	70 - 130	5	30
Dibromomethane	50.0	46.9		ug/L		94	70 - 130	5	30
1,2-Dichlorobenzene	50.0	52.5		ug/L		105	70 - 130	1	30
1,4-Dichlorobenzene	50.0	51.7		ug/L		103	70 - 130	1	30
Dichlorobromomethane	50.0	50.6		ug/L		101	70 - 130	5	30

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

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

Lab Sample ID: LCSD 680-677332/4

Matrix: Water

Analysis Batch: 677332

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
		Result	Qualifier				Limits		Limit
1,1-Dichloroethane	50.0	49.3		ug/L		99	70 - 130	1	30
1,2-Dichloroethane	50.0	43.5		ug/L		87	70 - 130	2	50
1,1-Dichloroethene	50.0	48.6		ug/L		97	70 - 130	2	20
1,2-Dichloropropane	50.0	51.3		ug/L		103	70 - 130	5	20
Ethylbenzene	50.0	54.4		ug/L		109	70 - 130	1	20
2-Hexanone	250	204		ug/L		82	70 - 130	7	20
Iodomethane	50.0	40.8	J	ug/L		82	52 - 129	2	30
Methylene Chloride	50.0	48.3		ug/L		97	70 - 130	5	30
4-Methyl-2-pentanone (MIBK)	250	210		ug/L		84	68 - 120	5	30
m-Xylene & p-Xylene	50.0	56.2		ug/L		112	70 - 130	2	30
o-Xylene	50.0	55.5		ug/L		111	70 - 130	2	30
Styrene	50.0	60.8		ug/L		122	70 - 130	2	30
1,1,1,2-Tetrachloroethane	50.0	53.5		ug/L		107	70 - 130	2	30
1,1,1,2-Tetrachloroethane	50.0	53.3		ug/L		107	70 - 130	3	30
Tetrachloroethene	50.0	56.6		ug/L		113	70 - 130	2	30
Toluene	50.0	54.0		ug/L		108	70 - 130	3	30
trans-1,4-Dichloro-2-butene	50.0	42.6		ug/L		85	67 - 120	3	30
trans-1,2-Dichloroethene	50.0	57.5		ug/L		115	70 - 130	3	30
trans-1,3-Dichloropropene	50.0	51.4		ug/L		103	70 - 130	4	30
1,1,1-Trichloroethane	50.0	45.8		ug/L		92	70 - 130	2	30
1,1,2-Trichloroethane	50.0	54.2		ug/L		108	70 - 130	5	30
Trichloroethene	50.0	56.9		ug/L		114	70 - 130	2	30
Trichlorofluoromethane	50.0	53.0		ug/L		106	63 - 142	3	30
1,2,3-Trichloropropane	50.0	54.3		ug/L		109	70 - 130	4	30
Vinyl acetate	100	122		ug/L		122	67 - 135	2	30
Vinyl chloride	50.0	43.2		ug/L		86	66 - 129	5	30
Xylenes, Total	100	112		ug/L		112	70 - 130	2	30

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	89		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130
1,2-Dichloroethane-d4 (Surr)	81		60 - 124
Toluene-d8 (Surr)	96		70 - 130

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

Lab Sample ID: MB 680-677125/1-A

Matrix: Water

Analysis Batch: 677301

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 677125

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.0060		mg/L		07/19/21 08:21	07/19/21 15:56	1
Arsenic	ND		0.010		mg/L		07/19/21 08:21	07/19/21 15:56	1
Barium	ND		0.020		mg/L		07/19/21 08:21	07/19/21 15:56	1
Beryllium	ND		0.0030		mg/L		07/19/21 08:21	07/19/21 15:56	1
Cadmium	ND		0.0050		mg/L		07/19/21 08:21	07/19/21 15:56	1
Chromium	ND		0.010		mg/L		07/19/21 08:21	07/19/21 15:56	1
Cobalt	ND		0.0060		mg/L		07/19/21 08:21	07/19/21 15:56	1
Copper	ND		0.020		mg/L		07/19/21 08:21	07/19/21 15:56	1

Eurofins TestAmerica, Savannah

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

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

**Lab Sample ID: MB 680-677125/1-A**  
**Matrix: Water**  
**Analysis Batch: 677301**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 677125**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	ND		0.015		mg/L		07/19/21 08:21	07/19/21 15:56	1
Nickel	ND		0.020		mg/L		07/19/21 08:21	07/19/21 15:56	1
Selenium	ND		0.010		mg/L		07/19/21 08:21	07/19/21 15:56	1
Silver	ND		0.010		mg/L		07/19/21 08:21	07/19/21 15:56	1
Thallium	ND		0.0020		mg/L		07/19/21 08:21	07/19/21 15:56	1
Vanadium	ND		0.020		mg/L		07/19/21 08:21	07/19/21 15:56	1
Zinc	ND		0.020		mg/L		07/19/21 08:21	07/19/21 15:56	1

**Lab Sample ID: LCS 680-677125/2-A**  
**Matrix: Water**  
**Analysis Batch: 677301**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 677125**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0961		mg/L		96	80 - 120
Barium	0.100	0.0974		mg/L		97	80 - 120
Beryllium	0.0500	0.0488		mg/L		98	80 - 120
Cadmium	0.0500	0.0492		mg/L		98	80 - 120
Chromium	0.100	0.0977		mg/L		98	80 - 120
Cobalt	0.0500	0.0497		mg/L		100	80 - 120
Copper	0.0991	0.0999		mg/L		101	80 - 120
Lead	0.505	0.501		mg/L		99	80 - 120
Nickel	0.0990	0.100		mg/L		101	80 - 120
Selenium	0.100	0.0930		mg/L		93	80 - 120
Silver	0.0500	0.0480		mg/L		96	80 - 120
Thallium	0.0400	0.0389		mg/L		97	80 - 120
Vanadium	0.0998	0.0940		mg/L		94	80 - 120
Zinc	0.100	0.0940		mg/L		94	80 - 120

**Lab Sample ID: 680-201627-1 MS**  
**Matrix: Ground Water**  
**Analysis Batch: 677301**

**Client Sample ID: GWC-20**  
**Prep Type: Total/NA**  
**Prep Batch: 677125**

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Antimony	ND		0.0500	0.0491		mg/L		98	75 - 125
Arsenic	ND		0.100	0.0985		mg/L		96	75 - 125
Barium	ND		0.100	0.0998		mg/L		96	75 - 125
Beryllium	ND		0.0500	0.0484		mg/L		97	75 - 125
Cadmium	ND		0.0500	0.0491		mg/L		98	75 - 125
Chromium	ND		0.100	0.0975		mg/L		97	75 - 125
Cobalt	ND		0.0500	0.0498		mg/L		100	75 - 125
Copper	ND		0.0991	0.100		mg/L		101	75 - 125
Lead	ND		0.505	0.491		mg/L		97	75 - 125
Nickel	ND		0.0990	0.0982		mg/L		99	75 - 125
Selenium	ND		0.100	0.0958		mg/L		96	75 - 125
Silver	ND		0.0500	0.0466		mg/L		93	75 - 125
Thallium	ND		0.0400	0.0388		mg/L		97	75 - 125
Vanadium	ND		0.0998	0.0937		mg/L		94	75 - 125
Zinc	0.023	F1	0.100	0.0942	F1	mg/L		72	75 - 125

# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

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

Lab Sample ID: 680-201627-1 MSD

Matrix: Ground Water

Analysis Batch: 677301

Client Sample ID: GWC-20

Prep Type: Total/NA

Prep Batch: 677125

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Antimony	ND		0.0500	0.0511		mg/L		102	75 - 125	4	20
Arsenic	ND		0.100	0.101		mg/L		99	75 - 125	2	20
Barium	ND		0.100	0.103		mg/L		99	75 - 125	4	20
Beryllium	ND		0.0500	0.0532		mg/L		106	75 - 125	9	20
Cadmium	ND		0.0500	0.0500		mg/L		100	75 - 125	2	20
Chromium	ND		0.100	0.101		mg/L		101	75 - 125	3	20
Cobalt	ND		0.0500	0.0516		mg/L		103	75 - 125	4	20
Copper	ND		0.0991	0.103		mg/L		104	75 - 125	3	20
Lead	ND		0.505	0.515		mg/L		102	75 - 125	5	20
Nickel	ND		0.0990	0.102		mg/L		103	75 - 125	4	20
Selenium	ND		0.100	0.0949		mg/L		95	75 - 125	1	20
Silver	ND		0.0500	0.0484		mg/L		97	75 - 125	4	20
Thallium	ND		0.0400	0.0399		mg/L		100	75 - 125	3	20
Vanadium	ND		0.0998	0.0976		mg/L		98	75 - 125	4	20
Zinc	0.023	F1	0.100	0.0978		mg/L		75	75 - 125	4	20

# QC Association Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

## GC/MS VOA

### Analysis Batch: 677332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201627-1	GWC-20	Total/NA	Ground Water	8260C	
MB 680-677332/8	Method Blank	Total/NA	Water	8260C	
LCS 680-677332/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 680-677332/4	Lab Control Sample Dup	Total/NA	Water	8260C	

## Metals

### Prep Batch: 677125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201627-1	GWC-20	Total/NA	Ground Water	3010A	
MB 680-677125/1-A	Method Blank	Total/NA	Water	3010A	
LCS 680-677125/2-A	Lab Control Sample	Total/NA	Water	3010A	
680-201627-1 MS	GWC-20	Total/NA	Ground Water	3010A	
680-201627-1 MSD	GWC-20	Total/NA	Ground Water	3010A	

### Analysis Batch: 677301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-201627-1	GWC-20	Total/NA	Ground Water	6020A	677125
MB 680-677125/1-A	Method Blank	Total/NA	Water	6020A	677125
LCS 680-677125/2-A	Lab Control Sample	Total/NA	Water	6020A	677125
680-201627-1 MS	GWC-20	Total/NA	Ground Water	6020A	677125
680-201627-1 MSD	GWC-20	Total/NA	Ground Water	6020A	677125

# Lab Chronicle

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

**Client Sample ID: GWC-20**

**Lab Sample ID: 680-201627-1**

**Date Collected: 07/14/21 10:22**

**Matrix: Ground Water**

**Date Received: 07/16/21 11:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	677332	07/19/21 16:10	EMA	TAL SAV
Instrument ID: CMSO2										
Total/NA	Prep	3010A			50 mL	250 mL	677125	07/19/21 08:21	BJB	TAL SAV
Total/NA	Analysis	6020A		1			677301	07/19/21 16:03	BWR	TAL SAV
Instrument ID: ICPMSC										

**Laboratory References:**

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



# Accreditation/Certification Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

## Laboratory: Eurofins TestAmerica, Savannah

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

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

1

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# Method Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-201627-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
3010A	Preparation, Total Metals	SW846	TAL SAV
5030C	Purge and Trap	SW846	TAL SAV

**Protocol References:**

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

**Laboratory References:**

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





**Chain of Custody Record**

<b>Client Information</b> 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@eurofins.net.com Carrier Tracking No(s): Page 1 of 1 Job #	
Due Date Requested: TAT Requested (days): <b>Standard</b> PO # WO # Project #		Analysis Requested App I VOC (8260/8011) App II Metals App II VOC (8260/8011) App II Metals App II BNA, Pest, PCB, Herb App II Sulfide App II Cyanide	
Sample Identification GUC-20 Sample Date: 07/14/21 Sample Time: 10:27 Sample Type (C=comp, G=grab): G Preservation Code: GW Matrix (W=water, S=solid, O=waste/oil, I=issue, A=air)		Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Appendix I VOC (8260) App I Metals App II VOC (8260/8011) App II Metals App II BNA, Pest, PCB, Herb App II Sulfide App II Cyanide	
Total Number of Containers: 4		Special Instructions/Note: 680-201627 Chain of Custody	
Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:			
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 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			
Special Instructions/QC Requirements			
Relinquished by: Paul G... Relinquished by: <i>David C. Ball</i> Relinquished by:		Date/Time: 07/14/21 11:50 Date/Time: 7/15/21 15:16 Date/Time:	
Relinquished by:		Date/Time:	
Relinquished by:		Date/Time:	
Relinquished by:		Date/Time:	
Custody Seals Intact Yes <input type="checkbox"/> No <input type="checkbox"/>		Cooler Temperature(s) °C and Other Remarks: 3.0/3.1	



## Login Sample Receipt Checklist

Client: GFL Environmental

Job Number: 680-201627-1

**Login Number: 201627**

**List Source: Eurofins TestAmerica, 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	



# *EM*Services

*Environmental Monitoring Services, LLC*

*Phone (770) 823-7174*

October 5, 2021

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

RE: Eagle Point Landfill Resample Event

Scott,

On October 1<sup>st</sup>, we completed a resample event at the referenced site. The points sampled and their respective analyses are:

GWC-12R

a-BHC

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

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

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

A peristaltic pump was used for purging and sampling well GWC-12R. 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 (the mid-point of the screened zone). 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 sample was collected immediately through the pump-head.

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

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

*"For all your environmental monitoring needs"*

*106A Hartwood Drive  
Woodstock, GA 30189  
inquiry@emservicesonline.com*

*Page 1 of 2*

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

Respectfully,

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

Jeff Johnson

Attachments: Groundwater Field Data




## ANALYTICAL REPORT

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

Laboratory Job ID: 680-205305-1  
Client Project/Site: Eagle Point Landfill

For:  
GFL Environmental  
6905 Roosevelt Hwy  
Fairburn, Georgia 30213

Attn: Robert Heller



Authorized for release by:  
10/8/2021 1:41:06 PM

John Andros, Project Manager I  
(404)944-4744  
[john.andros@eurofinset.com](mailto:john.andros@eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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

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

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

# Definitions/Glossary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-205305-1

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1+	Surrogate recovery exceeds control limits, high biased.

## Glossary

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

# Sample Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-205305-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-205305-1	GWC-12R	Water	10/01/21 10:06	10/02/21 09:00

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# Case Narrative

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-205305-1

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**Job ID: 680-205305-1**

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**Laboratory: Eurofins TestAmerica, Savannah**

## Narrative

**Job Narrative  
680-205305-1**

## Comments

No additional comments.

## Receipt

The sample was received on 10/2/2021 9:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.3° C.

## GC Semi VOA

Method 8081B: Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: GWC-12R (680-205305-1). These results have been reported and qualified.

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

## Organic Prep

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



# Detection Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-205305-1

**Client Sample ID: GWC-12R**

**Lab Sample ID: 680-205305-1**

No Detections.

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This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Savannah

# Client Sample Results

Client: GFL Environmental  
 Project/Site: Eagle Point Landfill

Job ID: 680-205305-1

**Client Sample ID: GWC-12R**

**Lab Sample ID: 680-205305-1**

Date Collected: 10/01/21 10:06

Matrix: Water

Date Received: 10/02/21 09:00

**Method: 8081B - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	ND		0.095		ug/L		10/05/21 19:28	10/07/21 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36	p	14 - 130				10/05/21 19:28	10/07/21 17:46	1
Tetrachloro-m-xylene	131	p S1+	40 - 130				10/05/21 19:28	10/07/21 17:46	1

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# QC Sample Results

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-205305-1

## Method: 8081B - Organochlorine Pesticides (GC)

**Lab Sample ID: MB 680-688005/9-A**

**Matrix: Water**

**Analysis Batch: 688363**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 688005**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	ND		0.10		ug/L		10/05/21 19:28	10/07/21 16:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		14 - 130				10/05/21 19:28	10/07/21 16:26	1
Tetrachloro-m-xylene	75		40 - 130				10/05/21 19:28	10/07/21 16:26	1

**Lab Sample ID: LCS 680-688005/13-A**

**Matrix: Water**

**Analysis Batch: 688363**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 688005**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
alpha-BHC	0.100	0.108		ug/L		108	48 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	71		14 - 130				
Tetrachloro-m-xylene	71		40 - 130				

**Lab Sample ID: LCSD 680-688005/14-A**

**Matrix: Water**

**Analysis Batch: 688363**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 688005**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
alpha-BHC	0.100	0.122		ug/L		122	48 - 130	12	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
DCB Decachlorobiphenyl	86		14 - 130						
Tetrachloro-m-xylene	77		40 - 130						

# QC Association Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-205305-1

## GC Semi VOA

### Prep Batch: 688005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-205305-1	GWC-12R	Total/NA	Water	3520C	
MB 680-688005/9-A	Method Blank	Total/NA	Water	3520C	
LCS 680-688005/13-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-688005/14-A	Lab Control Sample Dup	Total/NA	Water	3520C	

### Analysis Batch: 688363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-205305-1	GWC-12R	Total/NA	Water	8081B	688005
MB 680-688005/9-A	Method Blank	Total/NA	Water	8081B	688005
LCS 680-688005/13-A	Lab Control Sample	Total/NA	Water	8081B	688005
LCSD 680-688005/14-A	Lab Control Sample Dup	Total/NA	Water	8081B	688005



# Lab Chronicle

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-205305-1

**Client Sample ID: GWC-12R**

**Lab Sample ID: 680-205305-1**

**Date Collected: 10/01/21 10:06**

**Matrix: Water**

**Date Received: 10/02/21 09:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			524.8 mL	5 mL	688005	10/05/21 19:28	IR	TAL SAV
Total/NA	Analysis	8081B		1			688363	10/07/21 17:46	JCK	TAL SAV

Instrument ID: CSGK

**Laboratory References:**

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

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# Accreditation/Certification Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-205305-1

## Laboratory: Eurofins TestAmerica, Savannah

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

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

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# Method Summary

Client: GFL Environmental  
Project/Site: Eagle Point Landfill

Job ID: 680-205305-1

Method	Method Description	Protocol	Laboratory
8081B	Organochlorine Pesticides (GC)	SW846	TAL SAV
3520C	Liquid-Liquid Extraction (Continuous)	SW846	TAL SAV

**Protocol References:**

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

**Laboratory References:**

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





### Chain of Custody Record



<b>Client Information</b> Client Contact: Robert Heller Company: GFL Environmental Address: 6905 Roosevelt Hwy, Fairburn, GA 30213 Phone: 478-297-6838 (Tel) Email: rheller@hhnt.com Project Name: Eagle Point Landfill Site:		Sampler: <i>N Walker</i> Lab PM: Andros, John Phone: 404-909-5781 E-Mail: john.andros@eurofinset.com PWSID:		CQC No: 680-129238-47923.1 Page: 1 of 1 Carrier Tracking No(s): State of Origin:	
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: Purchase Order not required WO #:		Analysis Requested:		Preservation Codes: M - Hexane N - None O - AsN02 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Sample Identification: GWC-12R Sample Date: 10/11/21 Sample Time: 1006 Sample Type (C=Comp, G=grab): G Preservation Code: W Matrix (W=water, S=solid, D=dewastoid, BT=tissue A=AI)		Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/> N Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/> Z Total Number of Containers:		Special Instructions/Note: 8081B - alpha-BHC 680-205305 Chain of Custody	
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		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		Special Instructions/QC Requirements:	
Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Date: 10/11/21 12:40	
Relinquished by: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Date: 10/11/21 0900	
Relinquished by:		Received by:		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 4.9/4.3	



## Login Sample Receipt Checklist

Client: GFL Environmental

Job Number: 680-205305-1

**Login Number: 205305**

**List Source: Eurofins TestAmerica, Savannah**

**List Number: 1**

**Creator: Hartley, Tyler**

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?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



**APPENDIX B**  
**Summary Tables of Groundwater Analytical Results**







**Eagle Point MSW Landfill - Forsyth Co., GA**  
**Groundwater Sampling Event #4 (7-8-02)**

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)	-	-	-	5.1	5.36	6.07	5.71	5.22	5.33	5.67	5.86	6.67	6.37	5.05	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					
Specific Conductance	uS/cm (on-site)	-	-	-	9	17	30	19	15	25	29	73	77	13	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	NP	NP			
Temperature	°C (on-site)	-	-	-	16.7	16.4	18.4	17.2	16.1	16.6	17.1	18	16.9	18.6	18.8	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	NP	NP		
Turbidity	NTU (on-site)	0.1	-	-	25	210	540	483	216	405	290	26	9.98	45	45	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	NP	NP		
Total Antimony (Sb)	(µg/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	NP	NP	NP		
Total Arsenic (As)	(µg/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	NP	NP	NP		
Total Barium (Ba)	(µg/l)	20	20	2000	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	NP	NP	NP	NP	NP	NP	NP	NP	
Total Beryllium (Be)	(µg/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	NP	NP	NP	NP	
Total Cadmium (Cd)	(µg/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	NP	NP	NP	NP	
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	30	20	ND	20	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Cobalt (Co)	(µg/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	NP	NP	NP	NP	
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	30	ND	ND	40	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	NP	NP	NP	
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	30	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Selenium (Se)	(µg/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	NP	NP	NP	NP	
Total Silver (Ag)	(µg/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	NP	NP	NP	NP	
Total Thallium (Tl)	(µg/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	NP	NP	NP	NP	
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	30	30	ND	30	30	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	70	50	40	50	30	30	30	20	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	NP	NP	NP	NP	
Acetone	(µg/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	NP	NP	NP	NP	
Acrylonitrile	(µg/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	NP	NP	NP	NP	
Benzene	(µg/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	NP	NP	NP	NP	
Bromochloromethane	(µg/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	NP	NP	NP		
Bromodichloromethane *	(µg/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	NP	NP	NP		
Bromofom *	(µg/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	NP	NP	NP		
Carbon Disulfide	(µg/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	NP	NP	NP		
Bromomethane (Methylbromide)	(µg/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	NP	NP	NP		
Carbon tetrachloride	(µg/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	NP	NP	NP		
Chlorobenzene	(µg/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	NP	NP	NP		
Chloroethane	(µg/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	NP	NP	NP		
Chloroform *	(µg/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	NP	NP	NP		
Chloromethane (Methylchloride)	(µg/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	NP	NP	NP		
Dibromochloromethane *	(µg/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	NP	NP	NP		
Dibromomethane	(µg/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	NP	NP	NP		
1,2-Dichlorobenzene	(µg/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	NP	NP	NP		
1,4-Dichlorobenzene	(µg/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	NP	NP	NP		
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE																																									















**Eagle Point MSW Landfill - Forsyth Co., GA**  
**Groundwater Sampling Event #11 (1-18-06)**

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)	-	-	-	6.08	5.88	4.61	6.06	6.03	5.98	6.74	7.12	7.25	6.13	5.78	6.45	6.23	6.62	6.58	NP	6.06	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Specific Conductance	uS/cm (on-site)	-	-	-	23	25	27	63	19.4	21	38	69	59	21	24	33	25	36	32	NP	28	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Temperature	°C (on-site)	-	-	-	13.5	14	11.7	12.8	11.8	12.4	13.6	11.5	14.3	14.6	13.9	14.2	14	13.9	13.1	11.2	NP	10.9	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	-	-	4.0	11	45	77	12	56	232	12	144	67	36	5.66	29	37	6.38	20	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Arsenic (As)	(µg/l)	50	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	50	ND	30	90	30	40	30	ND	20	30	20	ND	20	NP	60	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Cobalt (Co)	(µg/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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Nickel (Ni)	(µg/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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	20	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bromofom *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloroethane	(µg/l)	2	2																																							









**Eagle Point MSW Landfill - Forsyth Co., GA**  
**Groundwater Sampling Event #15 (1-3-08)**

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)	-	-	-	6.37	5.82	7.43	5.73	6.47	5.96	5.06	5.67	6.39	6.54	5.31	Dry	6.49	5.29	Dry	5.14	NP	6.54	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Specific Conductance	uS/cm (on-site)	-	-	-	44	82	41	34	37	27	67	80	144	71	83	Dry	36	42	40	NP	35	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Temperature	°C (on-site)	-	-	-	11.3	11.5	12.8	14.8	14.2	14.7	15.6	15.4	13.7	13.9	14.7	Dry	13.1	12.9	Dry	13.7	NP	16.3	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Turbidity	NTU (on-site)	0.1	-	-	7.2	8.53	4.26	9.16	3.27	3.34	22	7.31	5.32	12	13	Dry	21	9.95	Dry	16	NP	42	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	ND	ND	ND	ND	40	40	ND	40	ND	Dry	40	ND	Dry	20	NP	100	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	320	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	30	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromofom *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,2-Dichloroethane	(µg/l)	2	2	5</																																					

**Eagle Point MSW Landfill - Forsyth Co., GA**  
**Groundwater Sampling Event #16 (7-2-08)**

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)	-	-	-	6.16	6.12	5	4.56	3.53	4.71	3.95	5.65	6.14	5.68	5.2	4.57	5.23	5.5	Dry	5.44	NP	5.2	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Specific Conductance	uS/cm (on-site)	-	-	-	62	96	34	17	17	34	57	47	95	75	22	24	40	26	Dry	28	NP	44	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Temperature	°C (on-site)	-	-	-	18.7	20.9	16.6	15.3	15.3	16.6	16.6	18.7	16.9	19.7	18.3	20.3	18	19.4	Dry	17.3	NP	16.6	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Turbidity	NTU (on-site)	0.1	-	-	6.48	14	29	31	19	27	74	3.28	5.72	12	12	5.26	19	13	Dry	19	NP	31	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Barium (Ba)	(µg/l)	20	20	2000	120	100	20	40	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	NP	NP	NP
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	30	ND	ND	20	ND	ND	ND	ND	20	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromofom *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,2-Dichloroethane	(µg/l)	2	2	5																																					







**Eagle Point MSW Landfill - Forsyth Co., GA**  
**Groundwater Sampling Event #20 (7-8-10)**

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-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)	-	-	-	5.41	5.56	4.25	7.1	4.67	4.95	5.34	5.71	6.61	5.99	4.32	5.33	5.48	5.14	6.45	6	NP	5.57	5.88	4.92	5.13	6.22	7.05	5.05	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP						
Specific Conductance	uS/cm (on-site)	-	-	-	51	74	30	16	19	27	57	65	97	73	25	36	41	24	117	78	NP	53	41	36	28	54	188	23	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP				
Temperature	°C (on-site)	-	-	-	17.9	18.6	15.6	15.8	15.9	16.7	19.9	19.1	18.2	18.3	20.6	22.3	20	19.2	18.7	20.2	NP	23.3	22.3	22.3	20.3	22.1	20.5	21.8	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP				
Turbidity	NTU (on-site)	0.1	-	-	26	25	25	3	8	14	43	9	289	6	>1100	6	7	12	41	50	NP	6	10	10	88	36	159	7	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP				
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	ND	ND	21	ND	53	49	20	28	33	37	21	21	210	NP	NP	59	ND	ND	ND	ND	22	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	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	NP	NP	NP	NP	NP
Acetone	(µg/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	NP	NP	
Acrylonitrile	(µg/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	NP	NP	
Benzene	(µg/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	NP	NP	
Bromochloromethane	(µg/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	NP	NP	
Bromodichloromethane *	(µg/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	NP	NP	
Bromofom *	(µg/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	NP	NP	
Carbon Disulfide	(µg/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	NP	NP	
Bromomethane (Methylbromide)	(µg/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	NP	NP	
Carbon tetrachloride	(µg/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	NP	NP	
Chlorobenzene	(µg/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	NP	NP	
Chloroethane	(µg/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	NP	NP	
Chloroform *	(µg/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	NP	NP	
Chloromethane (Methylchloride)	(µg/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	NP	NP	
Dibromochloromethane *	(µg/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	NP	NP	
Dibromomethane	(µg/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	NP	NP	
1,2-Dichlorobenzene	(µg/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	NP	NP	
1,4-Dichlorobenzene	(µg/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	NP	NP	
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	ND	ND	ND	ND	ND	ND	ND	NP															









**Eagle Point MSW Landfill - Forsyth Co., GA**  
**Groundwater Sampling Event #24 (7-6-12)**

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)	-	-	-	4.59	4.9	5.51	4.94	4.61	4.8	5.36	5.39	6.36	6.21	5.61	Dry	5.31	Dry	6.05	5.48	NP	5.46	4.7	4.8	Dry	6.91	7.21	5.95	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP				
Specific Conductance	uS/cm (on-site)	-	-	-	15	19	36	17	19	26	55	73	85	72	94	Dry	34	Dry	200	74	NP	60	37	36	46	Dry	55	138	60	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Temperature	°C (on-site)	-	-	-	19.3	16.8	19.5	17.1	16.2	12.9	20	19	19.1	21.3	17.1	Dry	16.9	Dry	17.5	18.8	NP	19	17	16.3	Dry	18.2	17.1	16.9	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Turbidity	NTU (on-site)	0.1	-	-	45	0	8	10	7	0	18	0	20	6	4	Dry	7	Dry	160	3	NP	8	8	0	Dry	683	5	71	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	20.3	22.9	21.4	33.3	66.8	20.9	29.3	58.9	Dry	22.5	Dry	74.4	22	NP	61.3	25.4	ND	Dry	33.8	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	21.5	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	24.4	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromofom *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND																		





















**Eagle Point MSW Landfill - Forsyth Co., GA**  
**Groundwater Sampling Event #34 (7-6-17)**

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)	-	-	-	4.09	4.87	5.46	5.62	5.16	5.41	5.28	4.93	6.05	5.92	4.76	3.81	4.79	4.43	6.28	5.4	5.77	4.44	5.41	5.31	5.5	6.08	7.55	5.48	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT			
Specific Conductance	uS/cm (on-site)	-	-	-	12	24	35	48	14	21	55	76	90	77	62	270	42	136	361	107	105	32	65	78	25	47	132	25	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT		
Temperature	°C (on-site)	-	-	-	16.3	17.1	16.6	19.7	15.9	17.9	17.9	19.4	20.8	19.7	18.1	20.3	18.3	17.6	18.5	16.4	24.4	19.9	17	17.8	20.9	20.7	16.5	17.1	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT		
Turbidity	NTU (on-site)	0.1	-	-	0	0	0	114	3	4	0	0	0	9	0	2	0	0	0	2	0	3	0	7	6	4	5	1	0	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT		
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND		
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND	
Total Barium (Ba)	(µg/l)	20	20	2000	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	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND	
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND	
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND	
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Nickel (Ni)	(µg/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	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	20.2	ND	ND	ND	ND	20.8	136	ND	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromofom *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND																																		



**Eagle Point MSW Landfill - Forsyth Co., GA**  
**Groundwater Sampling Event #36 (7-25-18)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GW-A-1	GW-A-2	GW-C-1	GW-C-2	GW-C-3	GW-C-4	GW-C-5	GW-C-6	GW-C-7	GW-C-7A	GW-C-8	GW-C-9	GW-C-10D	GW-C-11	GW-C-12R	GW-C-13R	GW-C-14R	GW-C-15	GW-C-16	GW-C-17	GW-C-18	GW-C-19	GW-C-20	GW-C-21	GW-C-22	GW-C-23	GW-C-24	GW-C-25	GW-C-26	GW-C-27	GW-C-28	GW-C-29	FIELD	BLANK			
pH	pH units (on-site)	-	-	-	4.07	4.62	5.32	5.22	3.9	3.67	4.45	4.61	5.94	5.75	4.65	4.63	4.53	4.31	5.41	5.92	5.93	4.42	4.18	4.55	3.86	5.37	6.82	4.31	NP	NP	6.08	4.62	4.66	NP	NP	NP	NP	NT			
Specific Conductance	µS/cm (on-site)	-	-	-	11	21	29	24	15	22	63	66	79	68	64	358	34	233	423	88	694	40	103	67	16	40	116	29	NP	NP	32	45	20	NP	NP	NP	NP	NT			
Temperature	°C (on-site)	-	-	-	15.9	16.3	16.9	18	15.8	19.5	19.5	23	22.2	22.7	20.9	22.1	19.7	17.1	18.9	15.8	23.3	18.9	16.9	17.8	18.4	17.2	18.2	18.8	NP	NP	19.1	17.2	17.8	NP	NP	NP	NP	NT			
Turbidity	NTU (on-site)	0.1	-	-	3	3	3	10	3	4	3	1	1	0	0	0	1	2	3	3	1	9	1	3	10	7	8	0	NP	NP	6	82	6	NP	NP	NP	NP	NT			
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	ND			
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND		
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	ND	ND	ND	ND	41	70	ND	29	51	550	31	230	64	28	350	84	80	28	22	ND	ND	NP	NP	ND	280	ND	NP	NP	NP	NP	NP	NP	ND		
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND		
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND		
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	ND	
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	ND	
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	ND	
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	ND	
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	17	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	220	ND	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	68	ND	ND	NP	NP	NP	NP	NP	NP	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromofom *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND																																	































**APPENDIX C**  
**Summary Tables of Underdrain Analytical Results**

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

TEST	UNITS	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; 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 #5 (2-28-03)**

TEST	UNITS	LAB 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; 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 #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; 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 #7 (1-6-04)**

TEST	UNITS	LAB 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; 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 #8 (7-7-04)**

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	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; 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 #9 (1-12-05)**

TEST	UNITS	LAB 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; 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 #10 (7-21-05)**

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	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; 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 #11 (1-18-06)**

TEST	UNITS	LAB 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; 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 #12 (7-6-06)**

TEST	UNITS	LAB 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; 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 #13 (1-4-07)**

TEST	UNITS	LAB 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; 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 #14 (7-11-07)**

TEST	UNITS	LAB 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; 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 #15 (1-3-08)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.69	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; 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 #16 (7-2-08)**

TEST	UNITS	LAB 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; 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 #17 (1-5-09)**

TEST	UNITS	LAB 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; 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 #18 (7-6-09)**

TEST	UNITS	LAB 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; 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 #19 (1-6-10)**

TEST	UNITS	LAB 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	LAB 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	LAB 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; 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 #22 (7-5-11)**

TEST	UNITS	LAB 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; 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 #23 (1-5-12)**

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	5.97	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; 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 #24 (7-5-12)**

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	5.25	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; 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. NE = Not Established; GEPA 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	LAB 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	LAB 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; 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-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	LAB 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; 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 #26 (7-3-13)**

TEST	UNITS	LAB 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; 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 #4th Quarter 2013 (10-4-13)**

TEST	UNITS	LAB 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; 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 #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; 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 2nd Quarter 2014 (4-10-14)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	NT	5.65	NT	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	NT	201	NT	NP	NT
Temperature	°C (on-site)	-	-	-	NT	23.9	NT	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	NT	0	NT	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	NT	ND	NT	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	NT	44.1	NT	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	NT	44.1	NT	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	NT	ND	NT	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	NT	ND	NT	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	NT	ND	NT	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	NT	ND	NT	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	NT	ND	NT	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	NT	ND	NT	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	NT	ND	NT	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	NT	ND	NT	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	NT	ND	NT	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	NT	ND	NT	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	NT	ND	NT	NP	NT
Acetone	(µg/l)	100	100	NE	NT	ND	NT	NP	NT
Acrylonitrile	(µg/l)	50	50	NE	NT	ND	NT	NP	NT
Benzene	(µg/l)	2	2	5	NT	ND	NT	NP	NT
Bromochloromethane	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
Bromodichloromethane *	(µg/l)	10	10	80	NT	ND	NT	NP	NT
Bromoform *	(µg/l)	10	10	80	NT	ND	NT	NP	NT
Carbon Disulfide	(µg/l)	5	5	NE	NT	ND	NT	NP	NT
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
Carbon Tetrachloride	(µg/l)	2	2	5	NT	ND	NT	NP	NT
Chlorobenzene	(µg/l)	10	10	100	NT	ND	NT	NP	NT
Chloroethane	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
Chloroform *	(µg/l)	2	2	80	NT	ND	NT	NP	NT
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
Dibromochloromethane *	(µg/l)	10	10	80	NT	ND	NT	NP	NT
Dibromomethane	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
1,2-Dichlorobenzene	(µg/l)	10	10	600	NT	ND	NT	NP	NT
1,4-Dichlorobenzene	(µg/l)	10	10	75	NT	ND	NT	NP	NT
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	NT	ND	NT	NP	NT
1,1-Dichloroethane	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
1,2-Dichloroethane	(µg/l)	2	2	5	NT	ND	NT	NP	NT
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	NT	ND	NT	NP	NT
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	NT	ND	NT	NP	NT
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	NT	ND	NT	NP	NT
1,2-Dichloropropane	(µg/l)	2	2	5	NT	ND	NT	NP	NT
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
Ethylbenzene	(µg/l)	2	2	700	NT	ND	NT	NP	NT
2-Hexanone	(µg/l)	50	50	NE	NT	ND	NT	NP	NT
Iodomethane	(µg/l)	100	100	NE	NT	ND	NT	NP	NT
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	NT	ND	NT	NP	NT
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	NT	ND	NT	NP	NT
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	NT	ND	NT	NP	NT
Styrene	(µg/l)	10	10	100	NT	ND	NT	NP	NT
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	NT	ND	NT	NP	NT
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	NT	ND	NT	NP	NT
Toluene	(µg/l)	2	2	1000	NT	ND	NT	NP	NT
1,1,1-Trichloroethane	(µg/l)	2	2	200	NT	ND	NT	NP	NT
1,1,2-Trichloroethane	(µg/l)	2	2	5	NT	ND	NT	NP	NT
Trichloroethene (-ethylene)	(µg/l)	2	2	5	NT	ND	NT	NP	NT
Trichlorofluoromethane	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
1,2,3-Trichloropropane	(µg/l)	10	10	NE	NT	ND	NT	NP	NT
Vinyl Acetate	(µg/l)	100	100	NE	NT	ND	NT	NP	NT
Vinyl Chloride	(µg/l)	2	2	2	NT	ND	NT	NP	NT
Xylenes	(µg/l)	5	5	10000	NT	ND	NT	NP	NT
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	NT	ND	NT	NP	NT
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	NT	ND	NT	NP	NT
Total Trihalomethanes	(µg/l)	NA	100	80	NT	ND	NT	NP	NT

**Notes:**

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; 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 #28 (7-23-14)**

TEST	UNITS	LAB 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; 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 4th quarter (10-2-14)**

TEST	UNITS	LAB 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	LAB 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; 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 #30 (7-8-15)**

TEST	UNITS	LAB 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; 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 #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	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.69	7.07	6.89	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	188	144	93	NP	NT
Temperature	°C (on-site)	-	-	-	213	26.8	21	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	2	20	0	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	20.5	52.3	ND	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	46.6	42.3	ND	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

**Notes:**

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; 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 #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; 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 #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	LAB 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; 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 #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; 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 #40 (7-9-20)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.6	5.85	5.69	6.02	NT
Specific Conductance	uS/cm (on-site)	1	-	-	167	159	137	87	NT
Temperature	°C (on-site)	-	-	-	22.1	28.1	24.7	24.5	NT
Turbidity	NTU (on-site)	0.1	-	-	29	8	6	6	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND
Total Arsenic (As)	(µg/l)	10	10	10	126.0	35.1	27.3	ND	ND
Total Barium (Ba)	(µg/l)	20	20	2000	52.4	41.1	ND	ND	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	ND	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	ND	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	ND	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	ND	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	ND	ND

**Notes:**

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. \* = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6



**Eagle Point MSW Landfill - Forsyth Co., GA  
Underdrain Sampling Event #41 (1-7-21)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.87	6.04	5.68	6.18	NT
Specific Conductance	uS/cm (on-site)	1	-	-	203	140	115	76	NT
Temperature	°C (on-site)	-	-	-	21	7.5	20.9	12	NT
Turbidity	NTU (on-site)	0.1	-	-	5	6	9	2	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND
Total Arsenic (As)	(µg/l)	10	10	10	36.0	ND	28	ND	ND
Total Barium (Ba)	(µg/l)	20	20	2000	46	25.0	21	ND	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Total Cobalt (Co)	(µg/l)	6	6	NE	12	ND	35	20	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	ND	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2butene	(µg/l)	5	100	NE	ND	ND	ND	ND	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	ND	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	ND	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	ND	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	ND	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	ND	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	ND	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	ND	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	ND	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	ND	ND

**Notes:**

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. \* = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6



**Eagle Point MSW Landfill - Forsyth Co., GA  
Underdrain Sampling Event #42 (7-9-21)**

TEST	UNITS	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; 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

**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
<b>pH</b>	pH Units	-	<6.0; >8.5	6.42	NP	NP	NP	6.37	NP	NP	6.18
<b>Specific Conductance</b>	µS/cm	-	NE	20	NP	NP	NP	17	NP	NP	24
<b>Temperature</b>	C	-	32.2	22.1	NP	NP	NP	22.5	NP	NP	20.3
<b>Turbidity</b>	NTU	-	NE	22	NP	NP	NP	11	NP	NP	10
<b>Dissolved Oxygen (DO)</b>	mg/l	-	<5	5.28	NP	NP	NP	5.61	NP	NP	NT
<b>Chloride (Cl)</b>	mg/l	1	NE	1.6	NP	NP	NP	1.5	NP	NP	NT
<b>Chemical Oxygen Demand (COD)</b>	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
<b>Dissolved Barium (Ba)</b>	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
<b>Total Barium (Ba)</b>	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
<b>Total Zinc (Zn)</b>	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
<b>Carbon Disulfide</b>	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	NT	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	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
<b>Total Barium (Ba)</b>	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	NT	NP	10	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	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	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	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	ND	Dry	NP	NT	NP	NP	Dry	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	ND	Dry	NP	NT	NP	NP	Dry	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	ND	Dry	NP	NT	NP	NP	Dry	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	ND	Dry	NP	NT	NP	NP	Dry	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	ND	Dry	NP	NT	NP	NP	Dry	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	ND	Dry	NP	NT	NP	NP	Dry	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	ND	Dry	NP	NT	NP	NP	Dry	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	ND	Dry	NP	ND	NP	NP	Dry	ND
Total Selenium (Se)	µg/l	10	NE ND	ND	ND	Dry	NP	ND	NP	NP	Dry	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	ND	Dry	NP	NT	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	ND	Dry	NP	NT	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	ND	Dry	NP	NT	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	ND	Dry	NP	NT	NP	NP	Dry	ND
Carbon Disulfide	µg/l	5	NE NT	ND	ND	Dry	NP	NT	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	ND	Dry	NP	NT	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	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	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
<b>Total Barium (Ba)</b>	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
<b>Total Zinc (Zn)</b>	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
<b>2-Butanone (MEK)</b>	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	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	10	1.3	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	10	NE ND	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	25	1.2	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	40	29	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	10	NE ND	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	20	65	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	Dry	Dry	NP	NT	NP	NP	ND	24
Total Barium (Ba)	µg/l	20	NE NT	ND	Dry	Dry	NP	NT	NP	NP	26	34
Total Beryllium (Be)	µg/l	3	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE NT	ND	Dry	Dry	NP	NT	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	Dry	Dry	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	NP	ND	ND

**Notes:**

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; 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	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	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	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	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	NT	NP	31.1	Dry	20.4
Total Beryllium (Be)	µg/l	3	NE	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Total Nickel (Ni)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	Dry	NP	ND	NP	NT	Dry	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	Dry	NP	ND	NP	ND	Dry	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	Dry	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	NT	NP	ND	Dry	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Acetone	µg/l	100	NE	NT	ND	Dry	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	NT	NP	ND	Dry	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	Dry	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	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	NT	NT	NT
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	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	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	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	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	NT	42.7	71.5	NP	NT	NP	Dry	134	Dry
Total Beryllium (Be)	µg/l	3	NE NT	ND	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE NT	ND	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE NT	ND	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE NT	ND	61.7	61.7	NP	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE NT	ND	ND	ND	NP	NT	NP	Dry	20	Dry
Total Nickel (Ni)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	ND	ND	NP	ND	NP	Dry	ND	Dry
Total Selenium (Se)	µg/l	5	NE ND	ND	ND	ND	NP	ND	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE NT	ND	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	ND	NP	NT	NP	Dry	37.8	Dry
Total Zinc (Zn)	µg/l	20	NE NT	ND	28.3	28.3	NP	NT	NP	Dry	50.7	Dry
Acetone	µg/l	100	NE NT	ND	250	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	180	NP	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE NT	ND	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	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
<b>Total Barium (Ba)</b>	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
<b>Acetone</b>	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
<b>2-Butanone (MEK)</b>	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	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	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	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	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	NT	52	22	Dry	NT	ND	ND	33	Dry
Total Beryllium (Be)	µg/l	3	NE NT	ND	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE NT	ND	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Chromium (Cr)	µg/l	10	NE NT	ND	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Cobalt (Co)	µg/l	6	NE NT	ND	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Copper (Cu)	µg/l	20	NE NT	ND	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Lead (Pb)	µg/l	15	NE NT	NT	16	ND	Dry	NT	ND	ND	ND	Dry
Total Nickel (Ni)	µg/l	20	NE NT	ND	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND	NT	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Selenium (Se)	µg/l	40	NE ND	ND	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Silver (Ag)	µg/l	10	NE NT	ND	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	ND	Dry	NT	ND	ND	ND	Dry
Total Zinc (Zn)	µg/l	20	NE NT	ND	ND	ND	Dry	NT	ND	ND	ND	Dry
Acetone	µg/l	100	NE NT	ND	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	ND	Dry	NT	ND	ND	ND	Dry
Carbon Disulfide	µg/l	5	NE NT	ND	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	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*

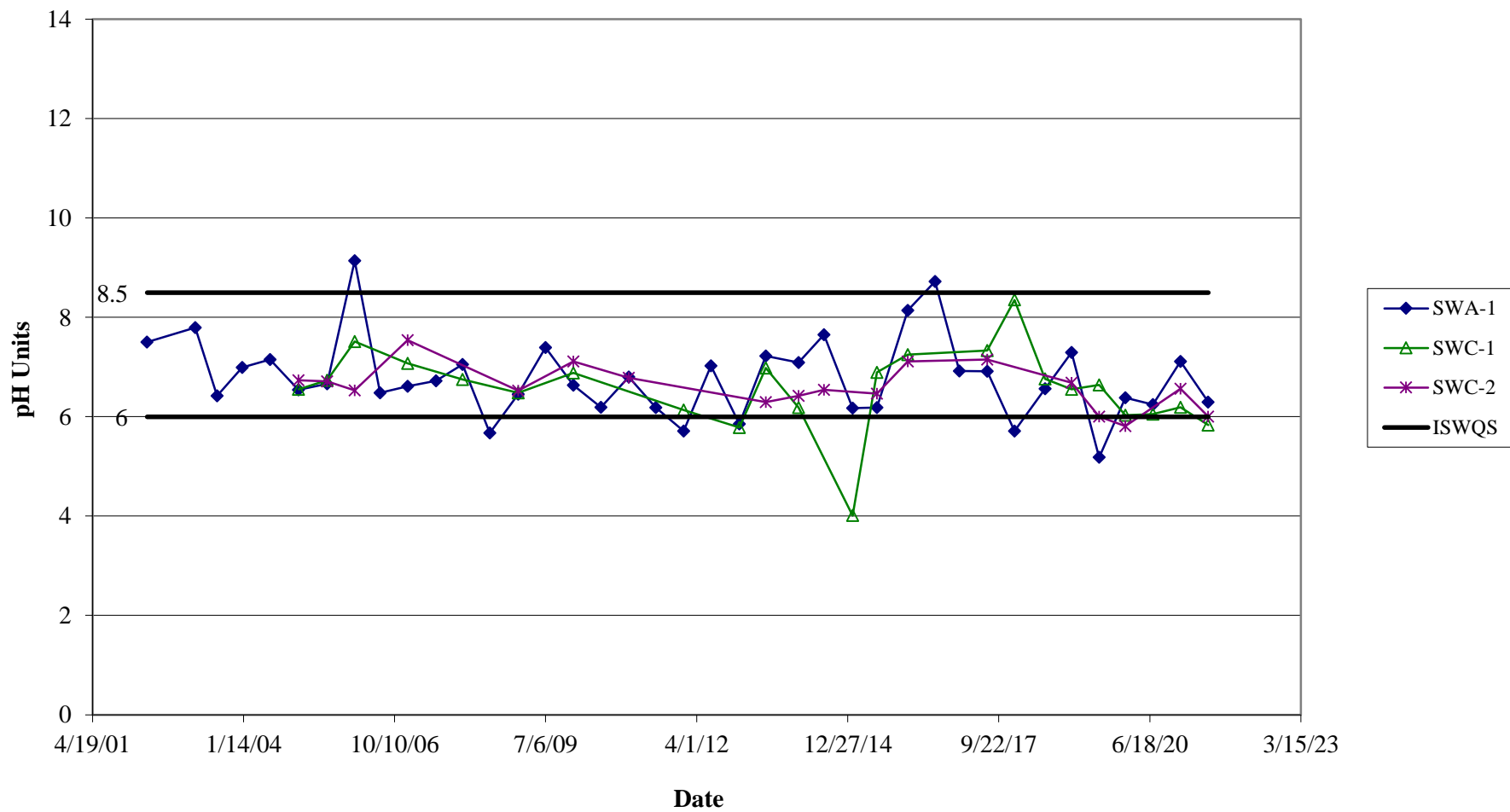
NE = *Not Established*; GEPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

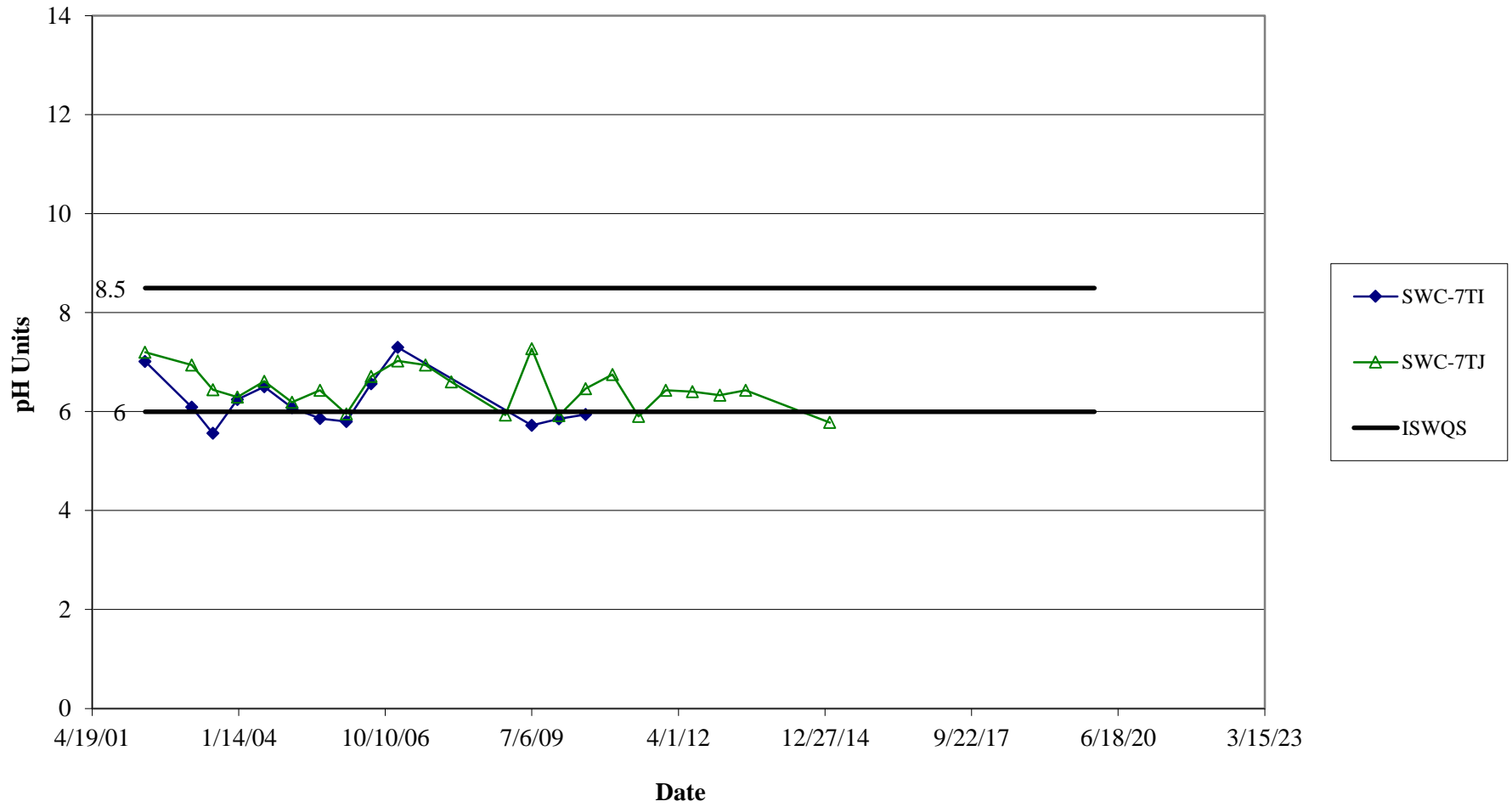
# pH

## Eagle Point Landfill - Forsyth Co., GA



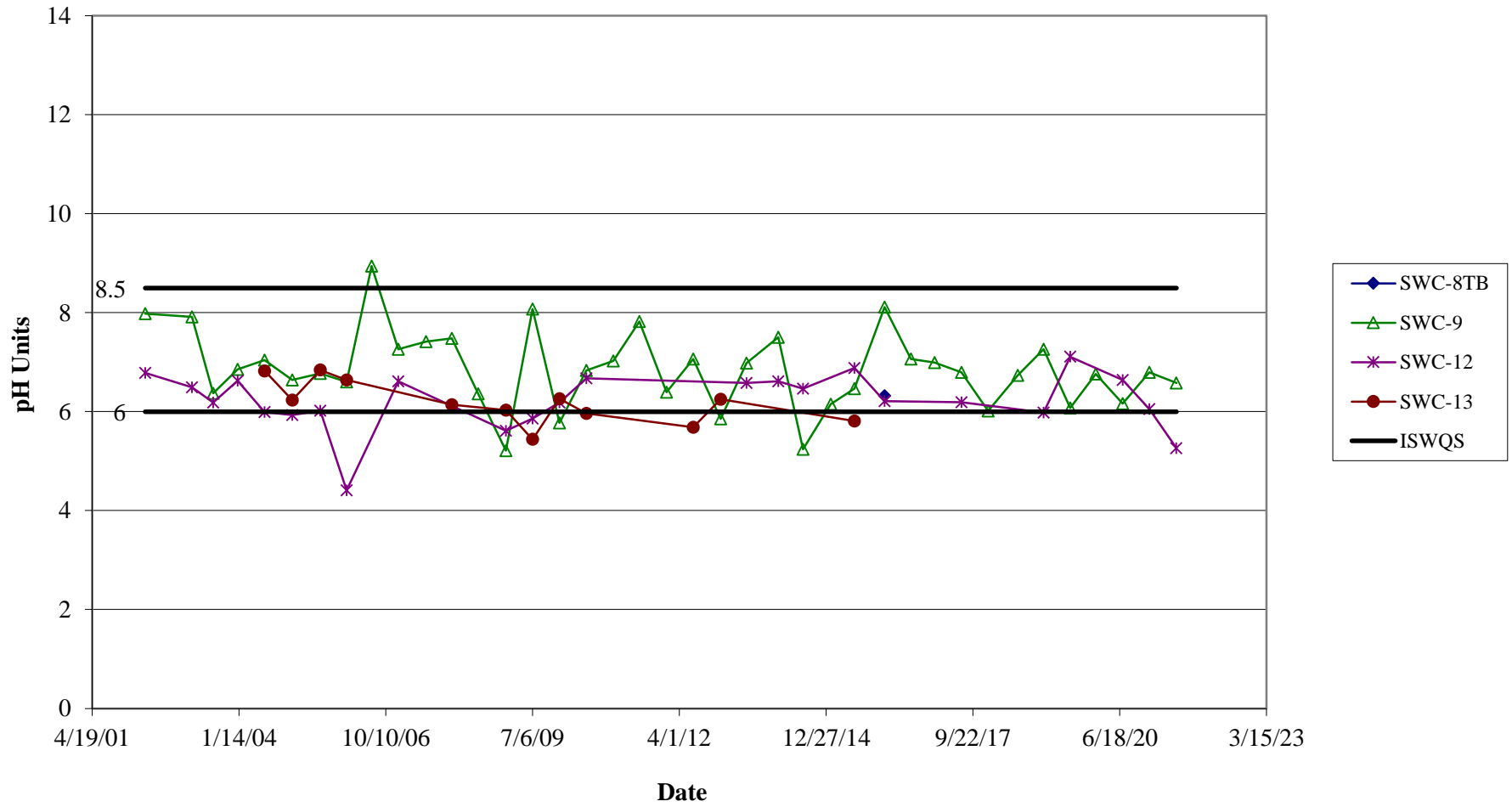
# pH

## Eagle Point Landfill - Forsyth Co., GA



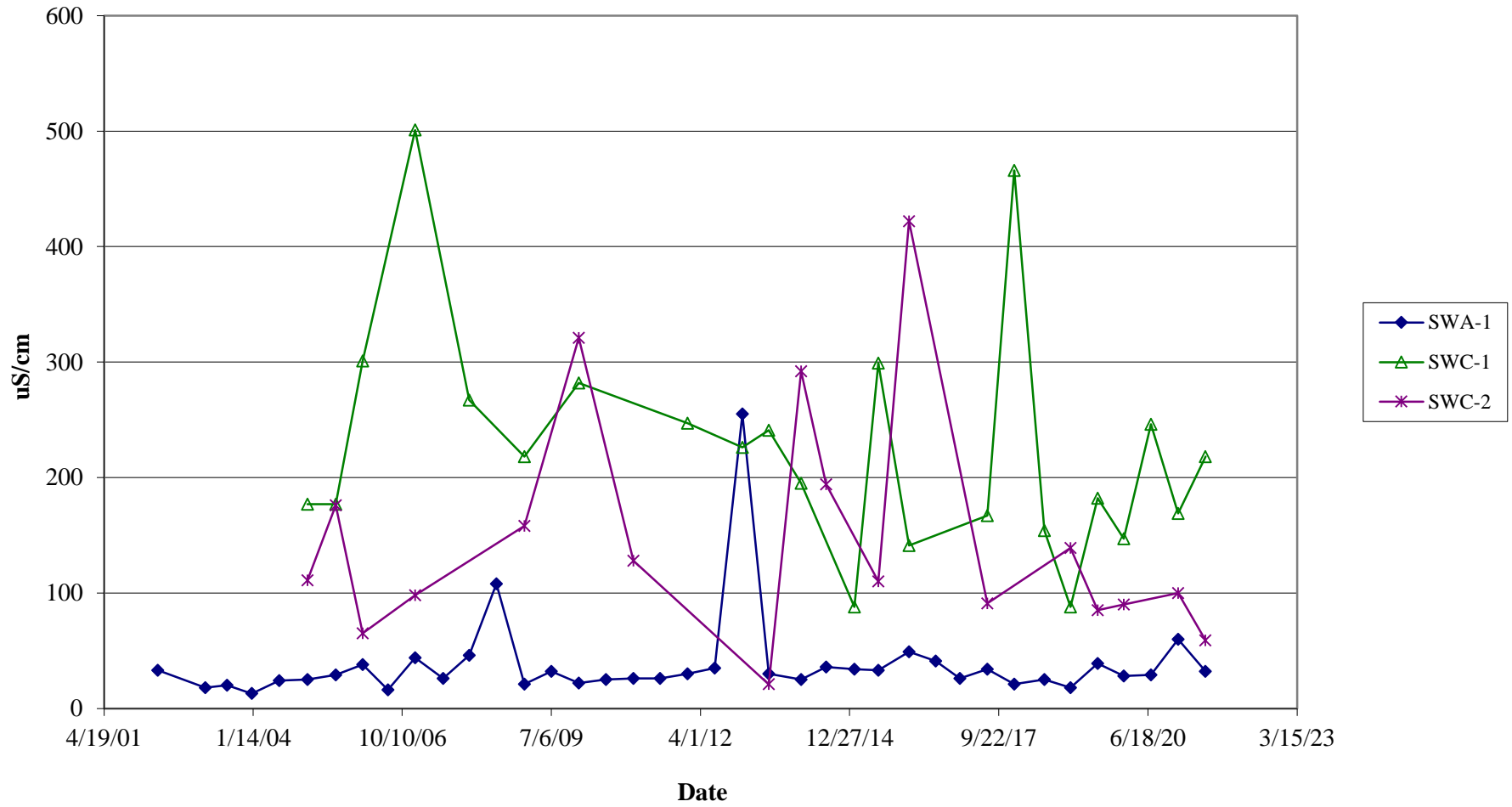
# pH

## Eagle Point Landfill - Forsyth Co., GA



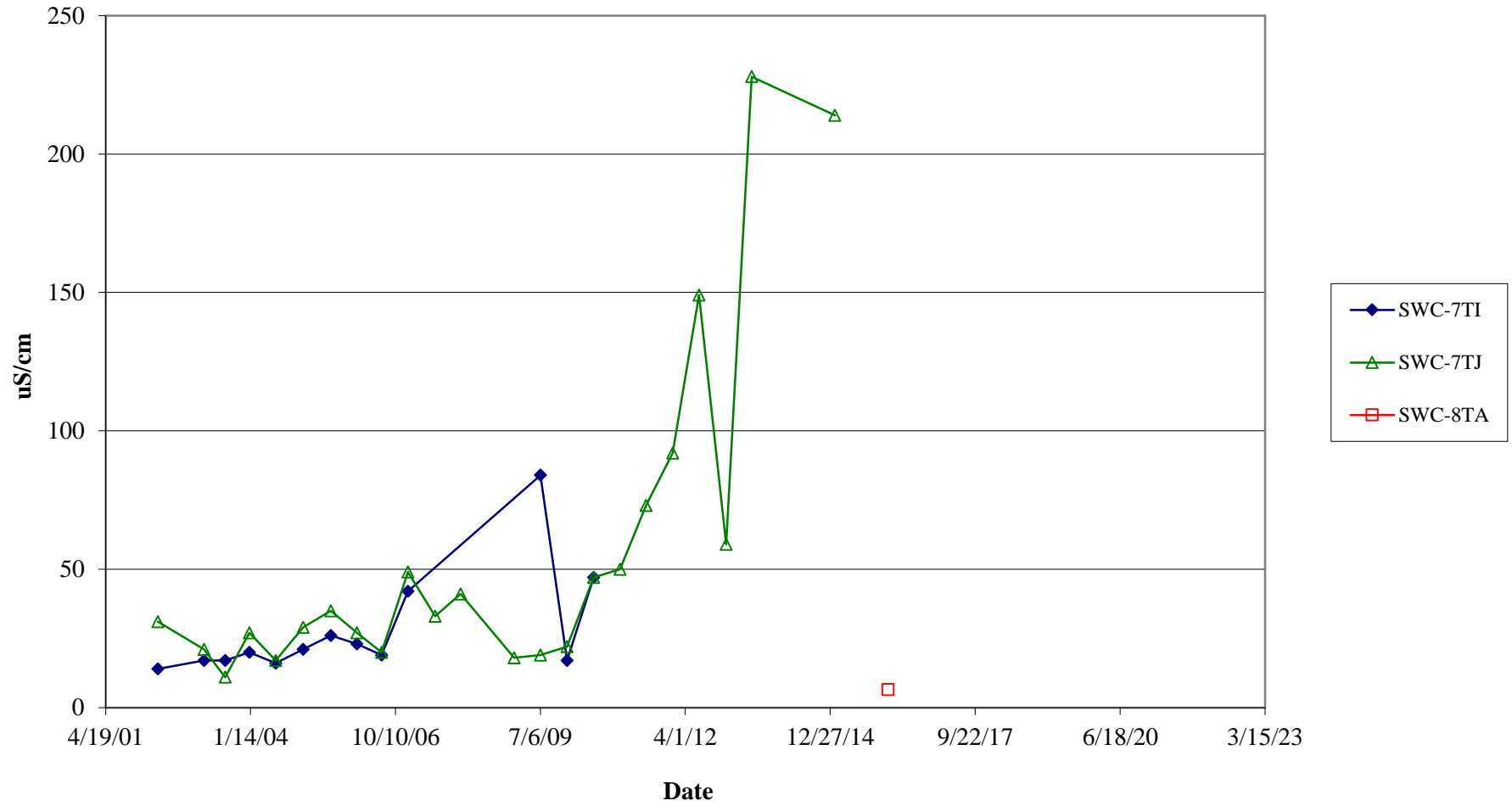
# Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



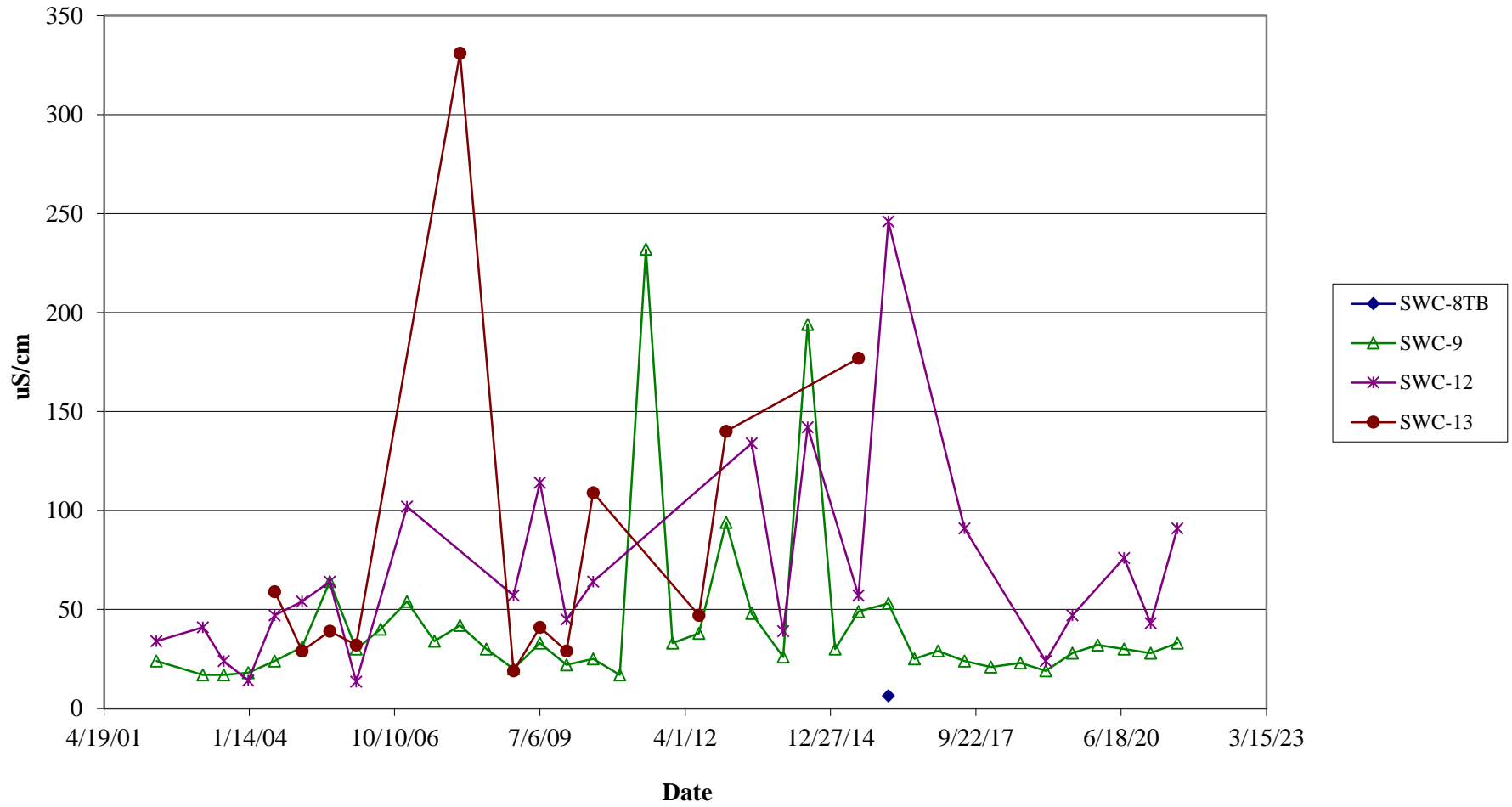
# Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



# Specific Conductance

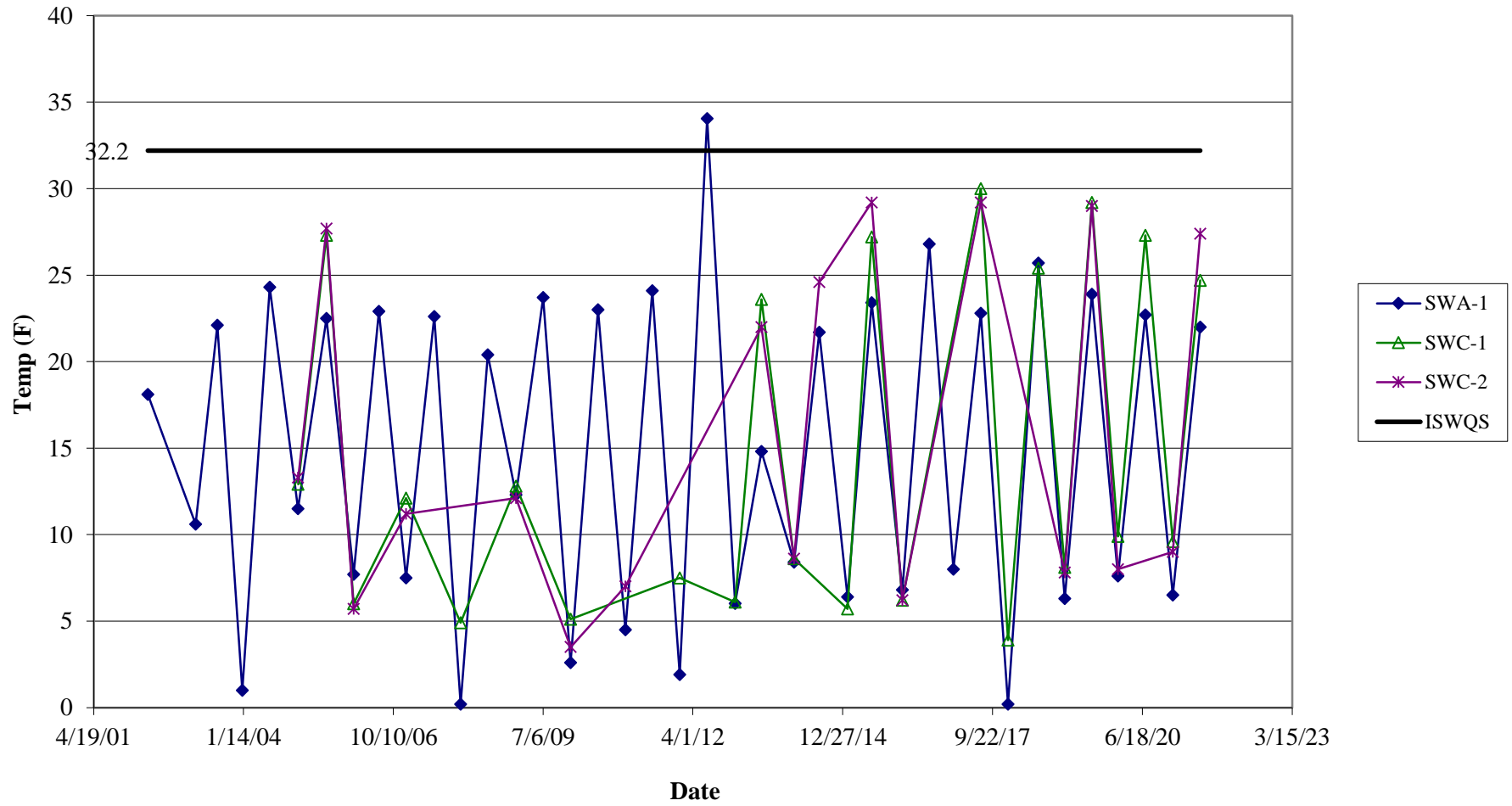
Eagle Point Landfill - Forsyth Co., GA





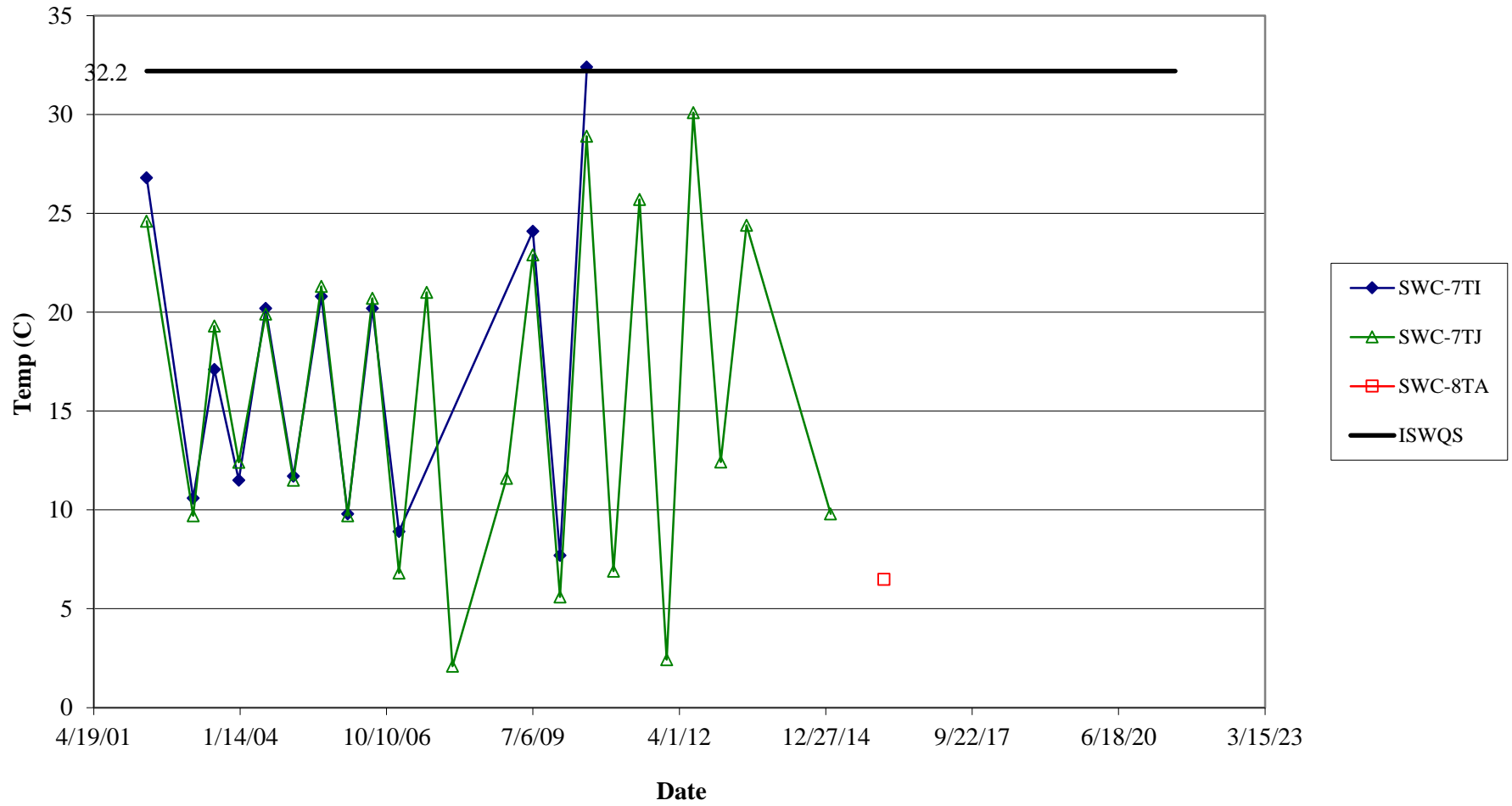
# Temperature

## Eagle Point Landfill - Forsyth Co., GA



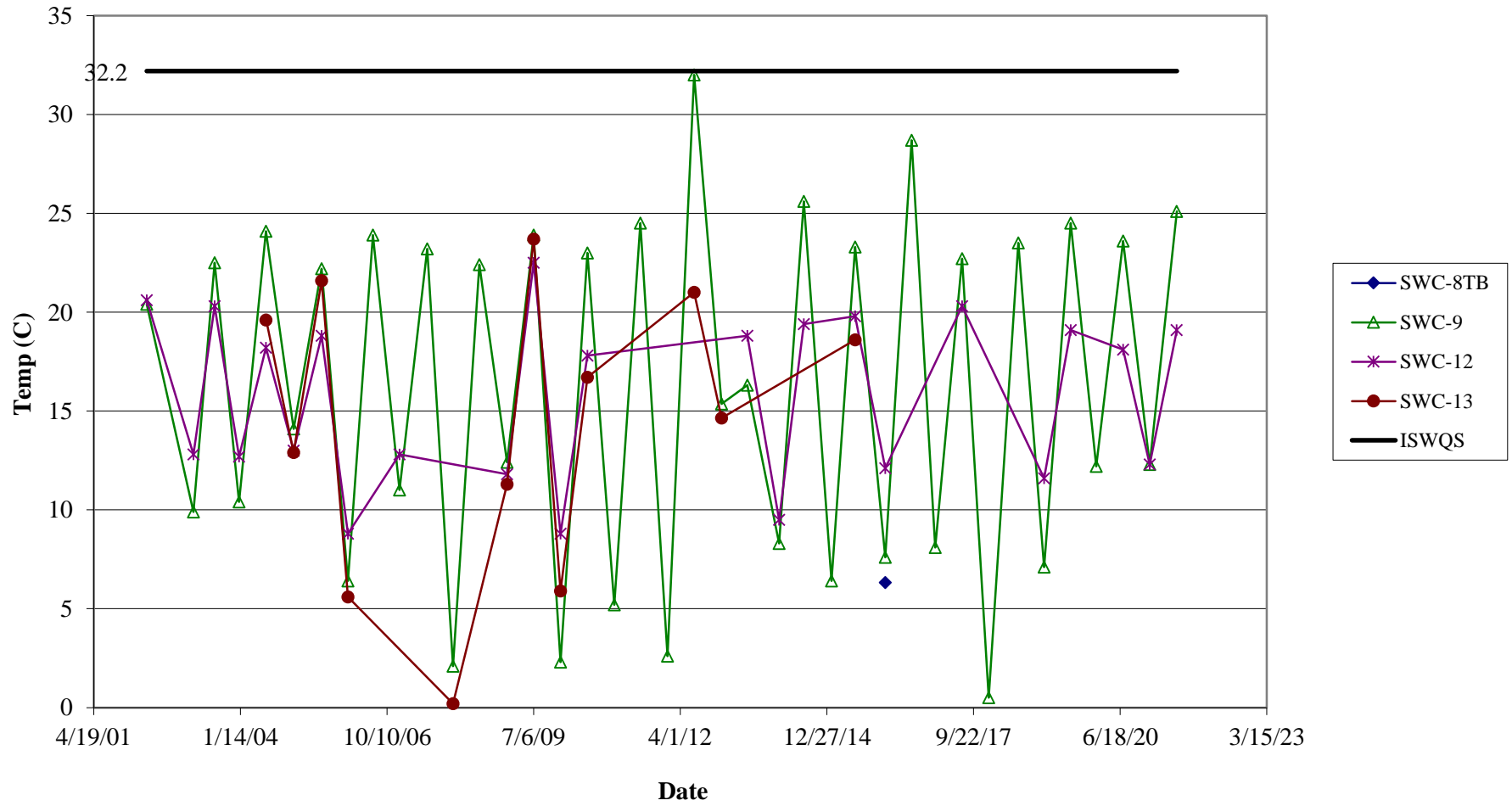
# Temperature

## Eagle Point Landfill - Forsyth Co., GA



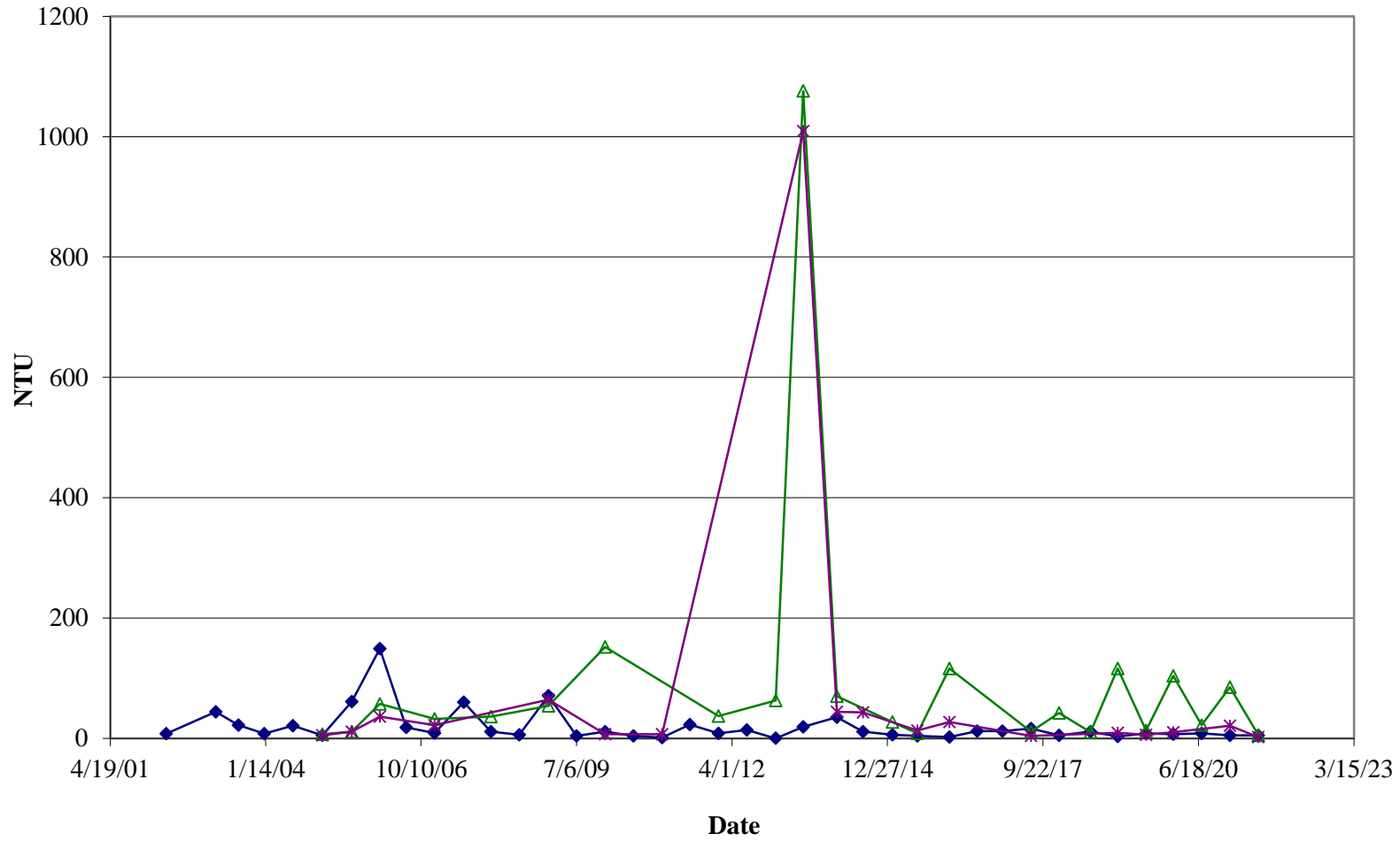
# Temperature

## Eagle Point Landfill - Forsyth Co., GA



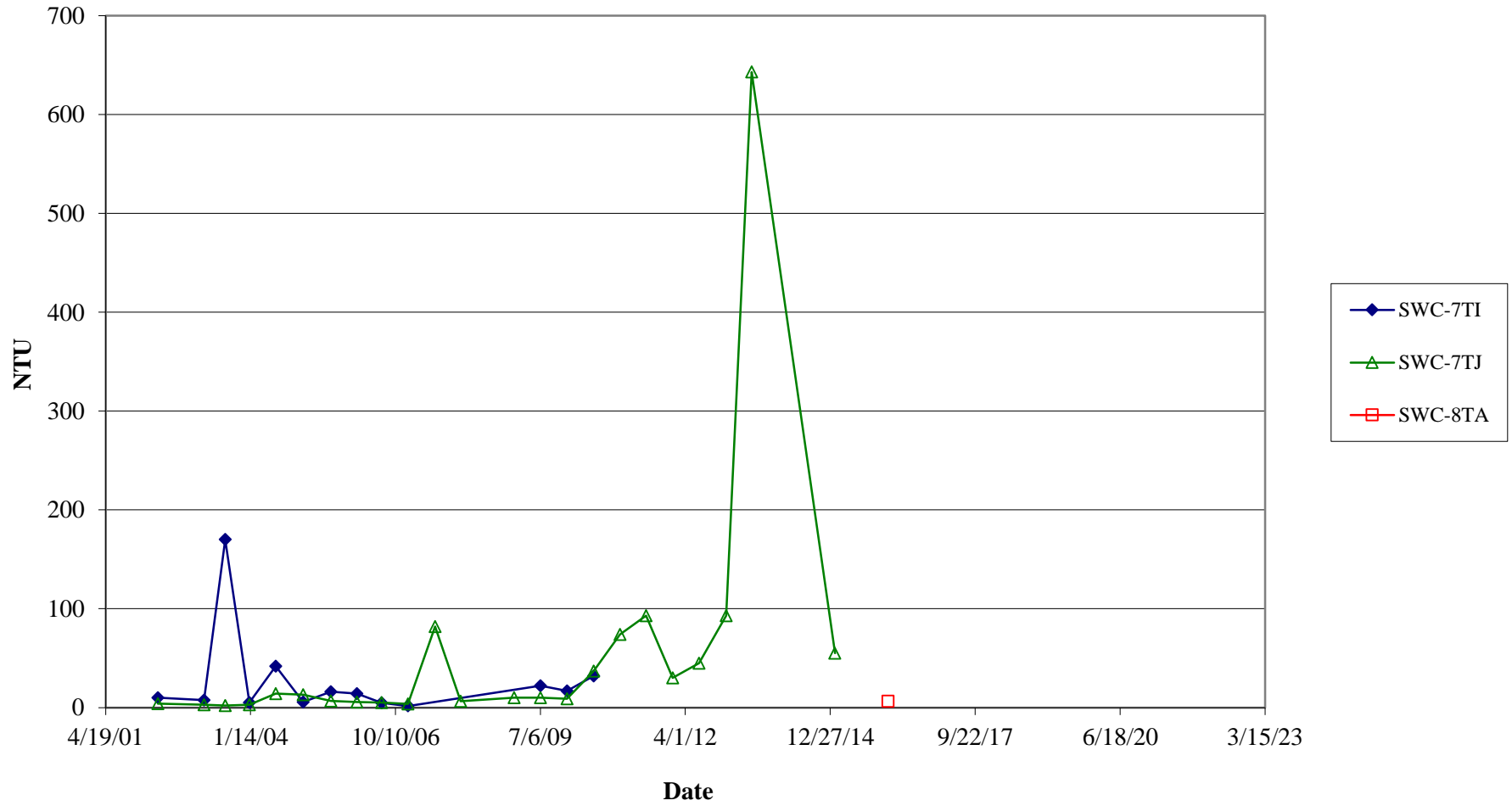
# Turbidity

## Eagle Point Landfill - Forsyth Co., GA



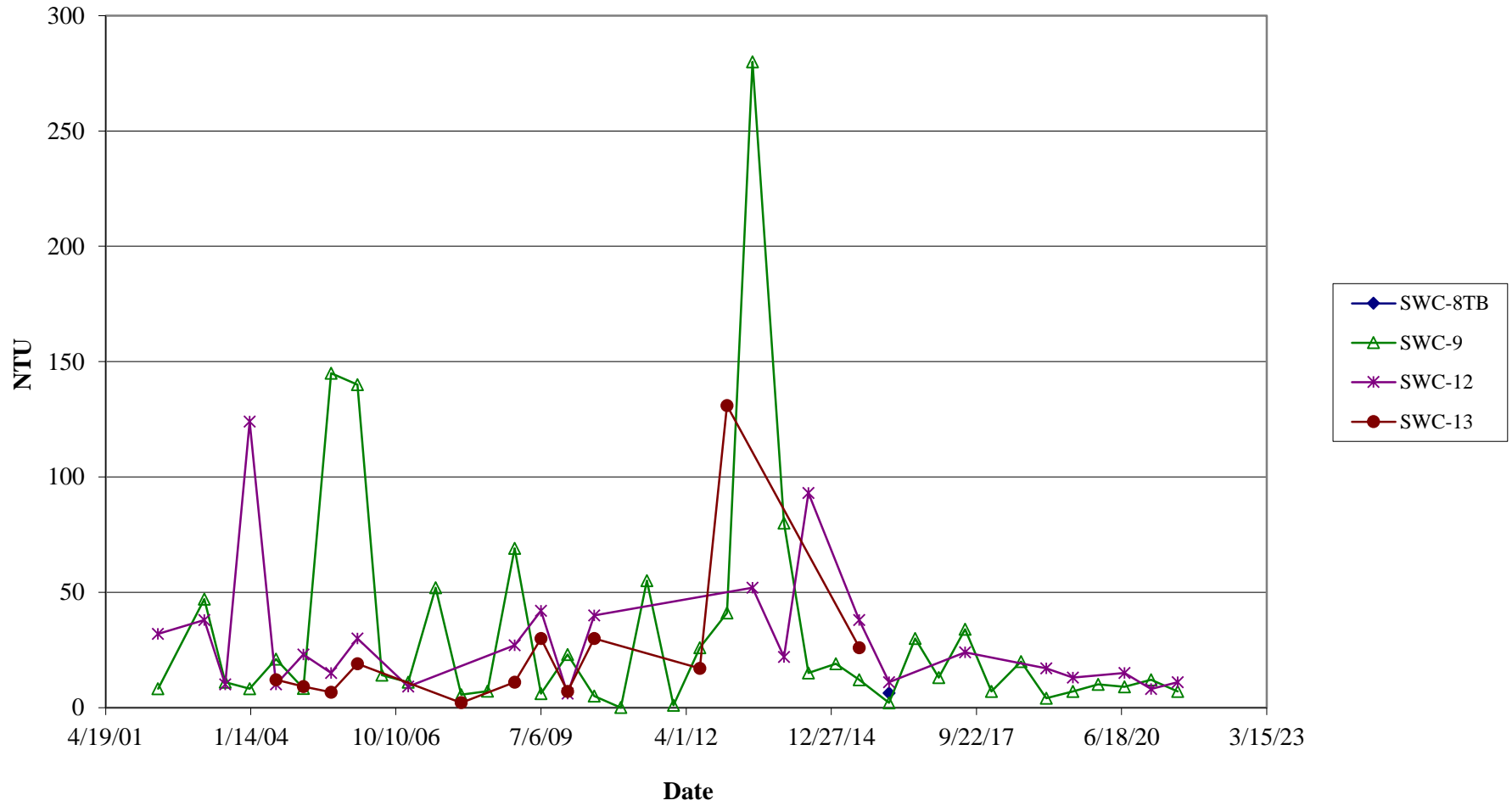
# Turbidity

## Eagle Point Landfill - Forsyth Co., GA



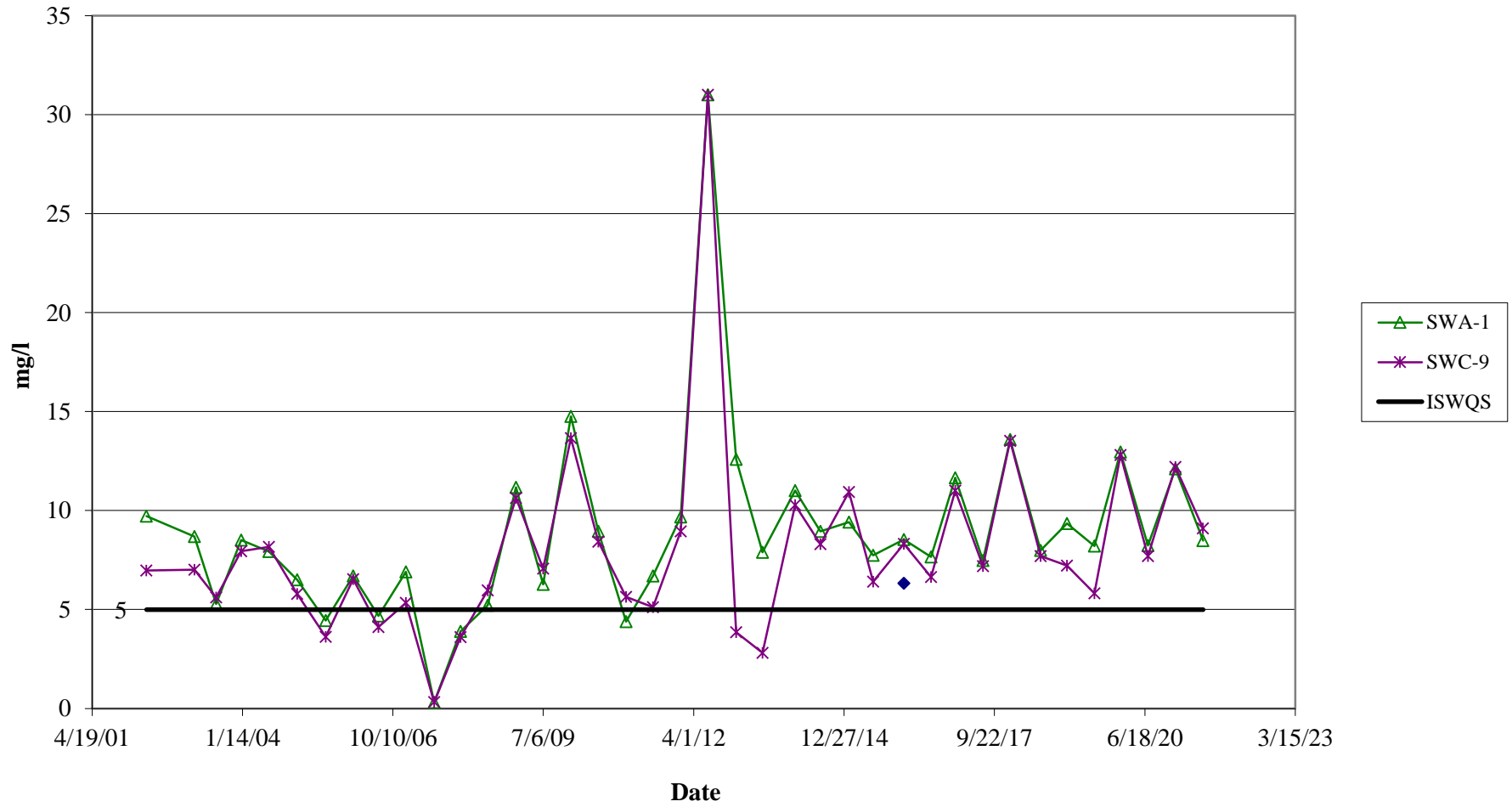
# Turbidity

## Eagle Point Landfill - Forsyth Co., GA



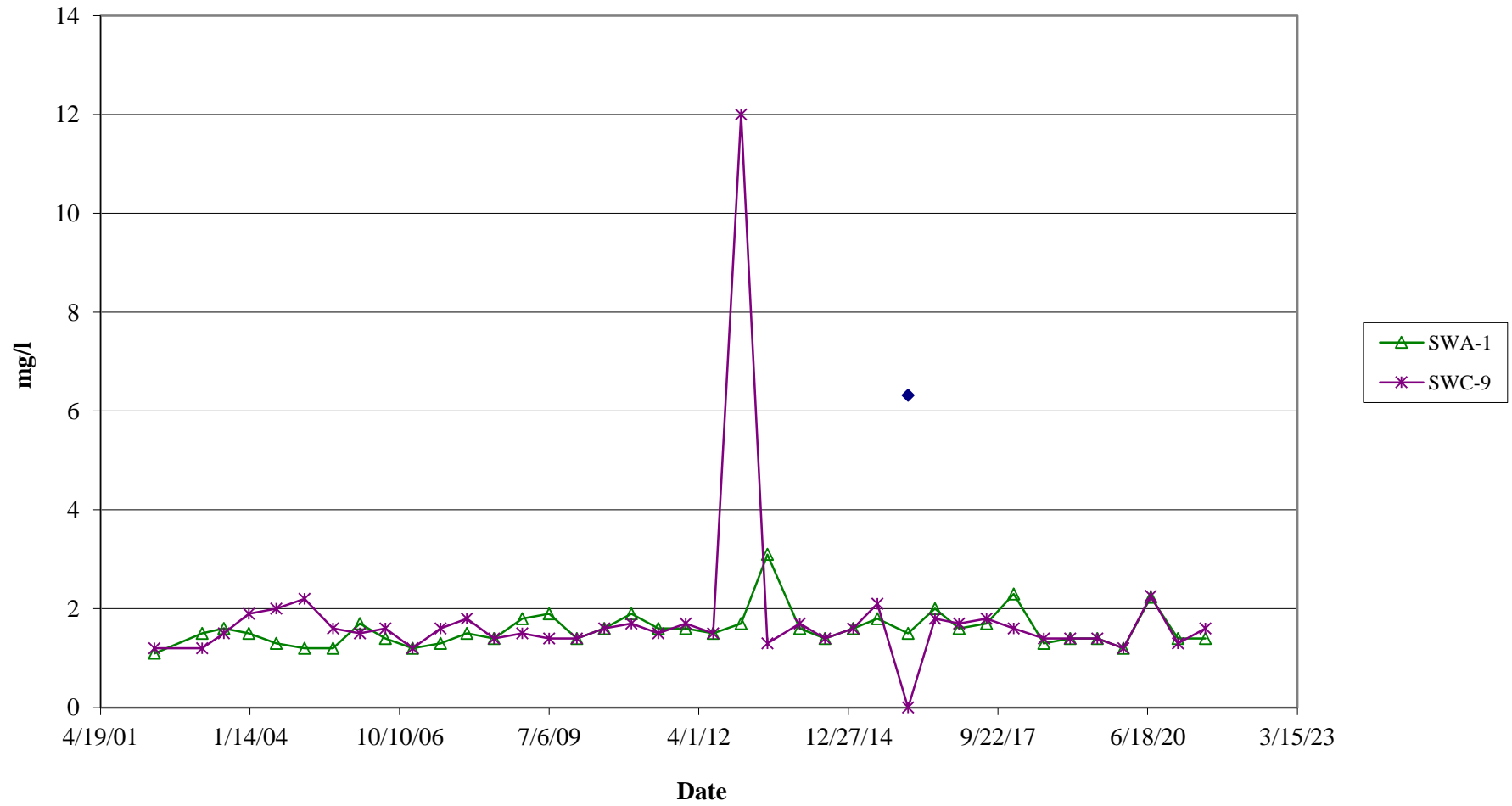
# Dissolved Oxygen

Eagle Point Landfill - Forsyth Co., GA



# Chloride

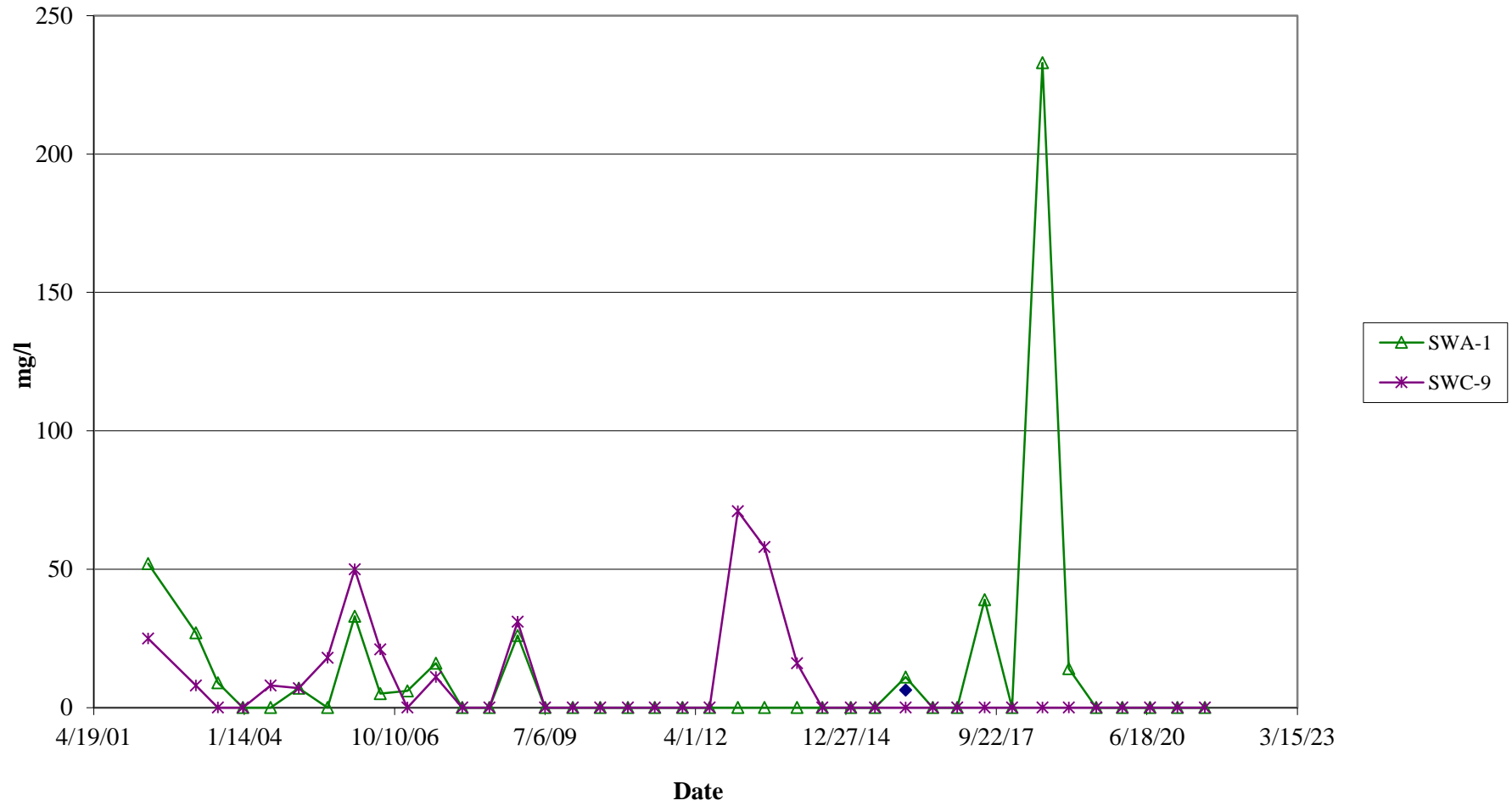
## Eagle Point Landfill - Forsyth Co., GA





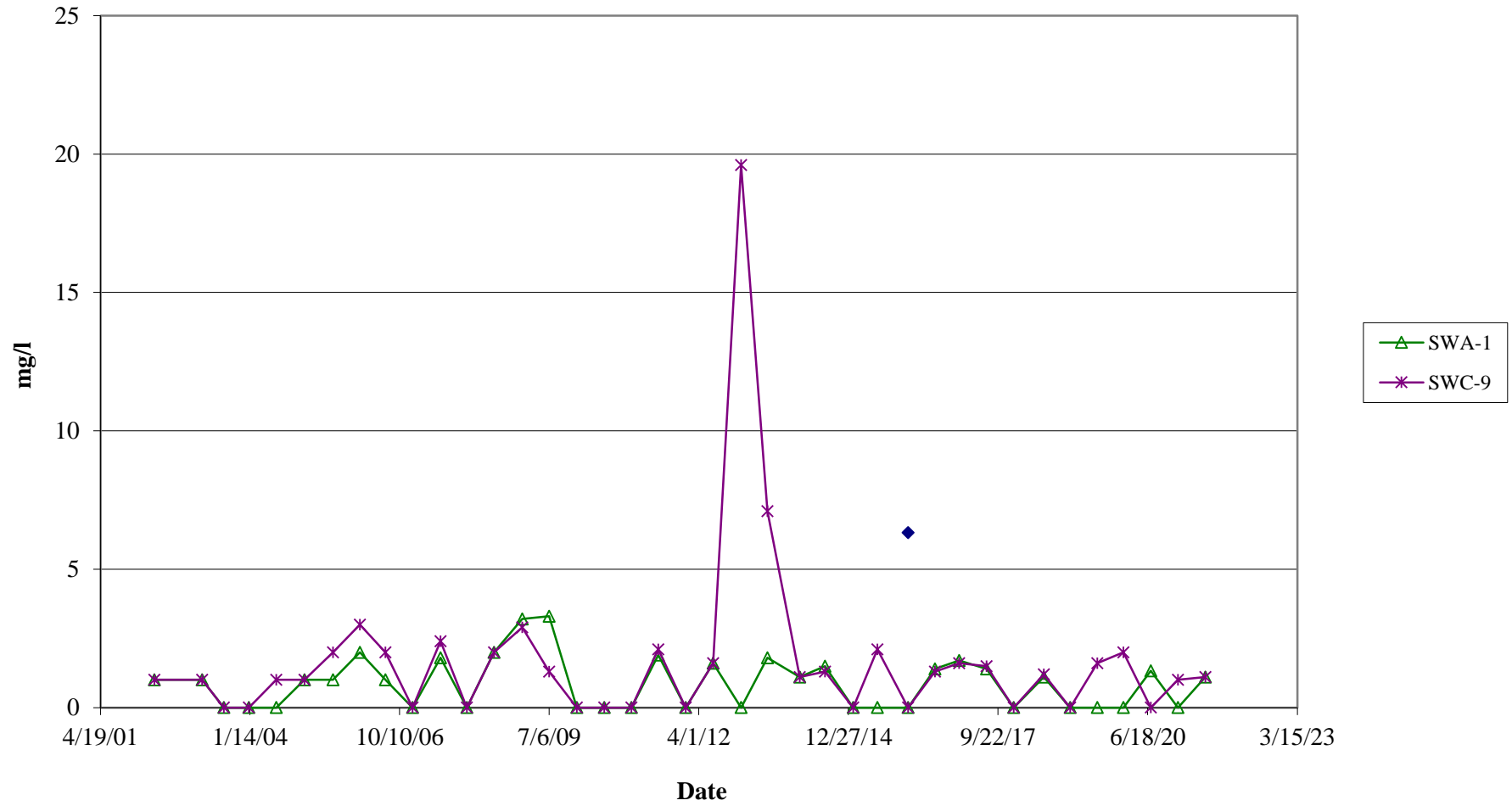
# COD

## 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 J21-1472-177**

COMPOUND	TOTAL	ND	DETECTED	%ND	STATISTICAL TEST
Total Arsenic	877	874	3	99.7%	Non-Parametric Prediction Limits
Total Barium	877	342	535	39.0%	Kruskal-Wallis
Total Cadmium	877	876	1	99.9%	Non-Parametric Prediction Limits
Total Beryllium	877	875	2	99.8%	Non-Parametric Prediction Limits
Total Chromium	877	835	42	95.2%	Non-Parametric Prediction Limits
Total Cobalt	877	837	40	95.4%	Non-Parametric Prediction Limits
Total Copper	877	856	21	97.6%	Non-Parametric Prediction Limits
Total Lead	877	870	7	99.2%	Non-Parametric Prediction Limits
Total Nickel	877	857	20	97.7%	Non-Parametric Prediction Limits
Total Selenium	877	862	15	98.3%	Non-Parametric Prediction Limits
Total Vanadium	877	837	40	95.4%	Non-Parametric Prediction Limits
Total Zinc	877	701	176	79.9%	Kruskal-Wallis
Benzene	880	867	13	98.5%	Non-Parametric Prediction Limits
Carbon Disulfide	877	875	2	99.8%	Non-Parametric Prediction Limits
Chloroform	877	876	1	99.9%	Non-Parametric Prediction Limits
Cis 1,2-dichloroethene	850	842	8	99.1%	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
N 35	23
N 36	27

**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*

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

Total Detected Concentrations (per compound) = 926  
 Total Detected Concentrations (per event) = 926  
 Are all accounted for? Yes  
 Statistical Package Prepared By: IAI  
 Statistical Package Checked By: RLB/MSP

Eagle Point MSW Landfill  
 Forsyth County, Georgia  
 BLE Project Number J21-1472-177

Compound: Total Arsenic  
 GA MCL (µg/l): 10  
 Method: Non-Parametric Prediction Limits  
 Background: GWA-1, GWA-2

Date	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL			
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	
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	50	
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	50	
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	50	
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	
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	50	
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	50	
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	50	
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	50	
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	50	
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	50	
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	50	
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	50	
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	50	
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	50	
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	50	
01/05/09	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	10	
07/06/09	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	NP	NP	NP	10	
01/06/10	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	10	
07/08/10	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	10	
01/07/11	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	10	
07/07/11	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	10	
01/05/12	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	10	
07/06/12	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	10	
01/09/13	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	10
07/03/13	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	10
02/05/14	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	10
07/23/14	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	10
01/28/15	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	10
07/08/15	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	10
01/29/16	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	10
07/27/16	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	10
01/05/17	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	10
07/06/17	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	10
01/04/18	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	10
07/25/18	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	10
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	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	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	NS	10
01/17/19	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	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	NS	10
07/18/19	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	10
01/08/20	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	10
07/09/20	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	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	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	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	NS	10
01/07/21	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	10
07/09/21	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	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' = 42.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 25.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'm' = 2.

n = 84  
 PL = 25  
 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-
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Eagle Point MSW Landfill  
Forsyth County, Georgia  
BLE Project Number J21-1472-177

Compound: Total Barium  
GA MCL (ug/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-10/00D	GWC-11	GWC-12/2R	GWC-13/3R	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	ND/L			
03/02/02	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	NP	NP	NP	
04/15/02	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	
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	NP	NP	NP	
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	NP	NP	NP	
02/28/03	80	160	100	380	40	40	80	50	ND	100	30	60	50	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/23/03	40	100	60	90	20	20	40	30	20	70	20	ND	20	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
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	NP	NP	NP	
07/08/04	ND	30	20	80	20	30	50	60	ND	50	20	ND	60	ND	70	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/13/05	ND	40	50	50	20	30	70	50	70	30	ND	ND	40	20	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/22/05	ND	30	ND	40	ND	ND	30	20	ND	30	ND	ND	260	ND	90	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/18/06	ND	ND	ND	50	ND	30	90	30	40	30	ND	20	30	20	ND	20	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/06/06	ND	ND	40	ND	20	ND	40	20	20	40	20	20	30	20	20	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
01/04/07	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	
07/11/07	20	ND	ND	ND	20	30	90	30	ND	40	20	20	40	30	ND	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/03/08	ND	ND	ND	ND	ND	ND	40	40	ND	40	ND	Dry	40	ND	Dry	20	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
07/02/08	120	100	20	40	ND	50	40	ND	30	20	140	30	140	30	Dry	60	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/05/09	ND	ND	ND	ND	ND	ND	52	56	26	26	26	35	ND	Dry	Dry	Dry	53	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
07/06/09	56	ND	ND	ND	26	ND	43	47	27	30	32	29	22	28	140	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/06/10	25	ND	ND	22	25	ND	68	44	44	27	42	ND	22	74	83	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/08/10	ND	ND	ND	ND	21	ND	53	49	20	28	33	37	21	21	210	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/07/11	ND	ND	ND	20.9	25.6	ND	37.3	53.2	ND	27.3	26	34.4	Dry	Dry	146	24.6	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/07/11	21.8	ND	ND	21.4	ND	32.5	61.8	ND	27.2	58.9	35.6	Dry	Dry	67.5	44.8	23.3	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/03/13	23.6	ND	ND	21.6	ND	36.5	63.9	ND	26.8	54.8	37.6	ND	45.6	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
02/05/14	26.6	ND	ND	ND	ND	35.3	60.7	ND	25.6	64.4	37.2	20.4	24.1	26	21.4	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/23/14	ND	ND	69.6	ND	ND	31	65.7	ND	26.2	60.6	49.6	22.5	38.3	23.8	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/16	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/17	ND	ND	ND	Dry	ND	ND	30.3	69.4	ND	30.1	51.9	426	29.9	79.4	58.6	34.3	67.4	65.1	29.5	27.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/04/18	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/18	ND	ND	ND	ND	ND	ND	41	70	ND	29	51	550	31	230	64	28	350	84	80	28	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	NS
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/20	ND	ND	ND	ND	23.1	32.7	66.3	ND	28.7	59.4	499	78.2	23.6	38.7	116	ND	28.2	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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														

**Eagle Point MSW Landfill  
Forsyth County, Georgia  
BLE Project Number J21-1472-177**

**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

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

$$\begin{aligned}
 X_{\text{bar}} &= 46.6658537 \\
 SD &= 66.9343022 \\
 N &= 41 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 964010.942 \\
 \gamma_1 &= 3.33596543
 \end{aligned}$$

Since the Coefficient of Skewness of 3.34 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.25232135 \\
 SD &= 1.01859024 \\
 N &= 41 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.76423009 \\
 \gamma_1 &= 0.7504321
 \end{aligned}$$



Since the Coefficient of Skewness of 0.75 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:

$$4.88793432 = x_{\text{mean}} \text{ (Mean of N1-N8 historical data)}$$

$$0.48319729 = s \text{ (Standard Deviation of N1-N8 historical data)}$$

$$1 = k \text{ (constant, reference value)}$$

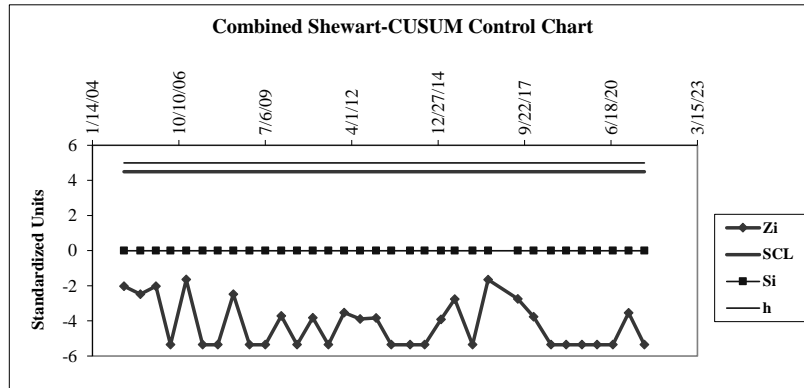
$$5 = h \text{ (constant, upper control limit for the CUSUM scheme)}$$

$$4.5 = \text{SCL (Constant, upper Shewhart Control Limit)}$$

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		
1/13/05	3.91202301	-2.01969532	0	5	4.5
7/22/05	3.68887945	-2.48150161	0	5	4.5
1/18/06	3.91202301	-2.01969532	0	5	4.5
7/6/06	2.30258509	-5.35050435	0	5	4.5
1/4/07	4.09434456	-1.6423721	0	5	4.5
7/11/07	2.30258509	-5.35050435	0	5	4.5
1/3/08	2.30258509	-5.35050435	0	5	4.5
7/2/08	3.68887945	-2.48150161	0	5	4.5
1/5/09	2.30258509	-5.35050435	0	5	4.5
7/6/09	2.30258509	-5.35050435	0	5	4.5
1/6/10	3.09104245	-3.71875399	0	5	4.5
7/8/10	2.30258509	-5.35050435	0	5	4.5
1/7/11	3.03974916	-3.82490792	0	5	4.5
7/7/11	2.30258509	-5.35050435	0	5	4.5
1/5/12	3.18221184	-3.53007456	0	5	4.5
7/6/12	3.01062089	-3.88519028	0	5	4.5
1/9/13	3.03495299	-3.83483383	0	5	4.5
7/3/13	2.30258509	-5.35050435	0	5	4.5
2/5/14	2.30258509	-5.35050435	0	5	4.5
7/23/14	2.30258509	-5.35050435	0	5	4.5
1/28/15	2.99573227	-3.91600298	0	5	4.5
7/8/15	3.55248683	-2.7637727	0	5	4.5
1/29/16	2.30258509	-5.35050435	0	5	4.5
7/27/16	4.08765557	-1.65621528	0	5	4.5
7/6/17	3.56104608	-2.74605891	0	5	4.5
1/4/18	3.06805294	-3.7663319	0	5	4.5
7/25/18	2.30258509	-5.35050435	0	5	4.5
1/17/19	2.30258509	-5.35050435	0	5	4.5
7/18/19	2.30258509	-5.35050435	0	5	4.5
1/8/20	2.30258509	-5.35050435	0	5	4.5
7/9/20	2.30258509	-5.35050435	0	5	4.5
1/7/21	3.17805383	-3.53867976	0	5	4.5
7/9/21	2.30258509	-5.35050435	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 J21-1472-177**

**Compound:** Total Barium  
**GA MCL (µg/l):** 2000  
**Method:** Shewhart-CUSUM Control Chart

**Part 1: Check for Normality**

	<b>GW C-5</b>	<b>MDL</b>
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	<b>38</b>	<b>20</b>
2/20/19	NS	<b>20</b>
7/18/19	<b>40</b>	<b>20</b>
1/8/20	<b>36</b>	<b>20</b>
7/9/20	<b>32.7</b>	<b>20</b>
8/10/20	NS	<b>20</b>
9/16/20	NS	<b>20</b>
10/19/20	NS	<b>20</b>
1/7/21	<b>41</b>	<b>20</b>
7/9/21	<b>42</b>	<b>20</b>

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

$$\begin{aligned}
X_{\text{bar}} &= 46.5595238 \\
SD &= 19.4295232 \\
N &= 42 \\
1/N \sum_i (X_i - X_{\text{bar}})^3 &= 12259.6553 \\
\gamma_1 &= 1.73296576
\end{aligned}$$

Since the Coefficient of Skewness of 1.73 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.

$$\begin{aligned}
X_{\text{bar}} &= 3.77581387 \\
SD &= 0.34239625 \\
N &= 42 \\
1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.04573046 \\
\gamma_1 &= 1.18118167
\end{aligned}$$

Since the Coefficient of Skewness of 1.18 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 J21-1472-177**

**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	<b>20</b>
10/19/20	NS	<b>20</b>
01/07/21	<b>41</b>	<b>20</b>
07/09/21	<b>42</b>	<b>20</b>

---

1) Rank the N = 42 observations from the smallest to the largest from background wells and compliance well GWC-5.

$$\begin{aligned}
 n &= 26 \\
 m &= 16 \\
 N &= 42 \\
 C_i \text{ (GWC-5)} &= 424.5
 \end{aligned}$$

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

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

$$W = 73.5$$

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

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

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

$$E(W) = 208$$

Adjustment for tie values:

$$SD(W) = 38.529$$

4) Form the appropriate Z-score.

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

$$Z = -3.504$$

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

$$Z = -3.504$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177**

**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

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

$$\begin{aligned}
 X_{\text{bar}} &= 55.8809524 \\
 SD &= 16.1772837 \\
 N &= 42 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -2493.8318 \\
 \gamma_1 &= 0.61072896
 \end{aligned}$$

Since the Coefficient of Skewness of 0.61 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 X_{\text{bar}} &= 3.97102479 \\
 SD &= 0.35034887 \\
 N &= 42 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.0497239 \\
 \gamma_1 &= 1.19883887
 \end{aligned}$$

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

**Part 2: Shewhart-CUSUM Control Chart**

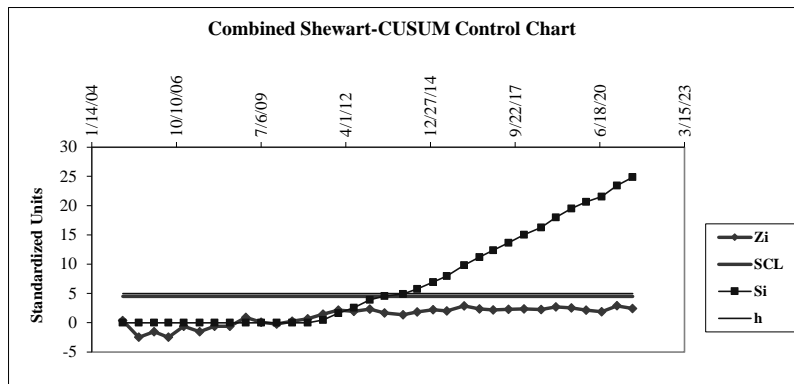
Compute the mean and standard deviation of the historical data:

- 46.25 =  $x_{\text{mean}}$  (Mean of N1-N8 historical data)
- 10.6066017 =  $s$  (Standard Deviation of N1-N8 historical data)
- 1 =  $k$  (constant, reference value)
- 5 =  $h$  (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean ( $Z_i$ ) and the cumulative sum ( $S_i$ ) for each concentration.

Date	$x_i$	$Z_i$	$S_i$	$h$	SCL
			0		
1/13/05	50	0.35355339	0	5	4.5
7/22/05	20	-2.47487373	0	5	4.5
1/18/06	30	-1.53206469	0	5	4.5
7/6/06	20	-2.47487373	0	5	4.5
1/4/07	40	-0.58925565	0	5	4.5
7/11/07	30	-1.53206469	0	5	4.5
1/3/08	40	-0.58925565	0	5	4.5
7/2/08	40	-0.58925565	0	5	4.5
1/5/09	56	0.91923882	0	5	4.5
7/6/09	47	0.07071068	0	5	4.5
1/6/10	44	-0.21213203	0	5	4.5
7/8/10	49	0.25927249	0	5	4.5
1/7/11	53.2	0.65525228	0	5	4.5
7/7/11	61.8	1.46606806	0.46606806	5	4.5
1/5/12	69.1	2.15431866	1.62038672	5	4.5
7/6/12	66.8	1.93747258	2.5578593	5	4.5
1/9/13	71	2.33345238	3.89131168	5	4.5
7/3/13	63.9	1.66405796	4.55536964	5	4.5
2/5/14	60.7	1.36235907	4.9177287	5	4.5
7/23/14	<b>65.7</b>	1.83376359	<b>5.75149229</b>	5	4.5
1/28/15	<b>69.6</b>	2.20145911	<b>6.9529514</b>	5	4.5
7/8/15	<b>67.6</b>	2.0128973	<b>7.9658487</b>	5	4.5
1/29/16	<b>76.7</b>	2.87085353	<b>9.83670223</b>	5	4.5
7/27/16	<b>71.3</b>	2.36173665	<b>11.1984389</b>	5	4.5
1/5/17	<b>69.4</b>	2.18260293	<b>12.3810418</b>	5	4.5
7/6/17	<b>70.5</b>	2.28631193	<b>13.6673537</b>	5	4.5
1/4/18	<b>71.4</b>	2.37116474	<b>15.0385185</b>	5	4.5
7/25/18	<b>70</b>	2.23917147	<b>16.27769</b>	5	4.5
1/17/19	<b>75</b>	2.71057599	<b>17.9882659</b>	5	4.5
7/18/19	<b>73</b>	2.52201419	<b>19.5102801</b>	5	4.5
1/8/20	<b>69</b>	2.14489057	<b>20.6551707</b>	5	4.5
7/9/20	<b>66.3</b>	1.89033213	<b>21.5455028</b>	5	4.5
1/7/21	<b>77</b>	2.8991378	<b>23.4446406</b>	5	4.5
7/9/21	<b>72</b>	2.42773328	<b>24.8723739</b>	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 J21-1472-177**

**Compound:** Total Barium  
**GA MCL ( $\mu\text{g}/\text{l}$ ):** 2000  
**Method:** Shewhart-CUSUM Control Chart

**Part 1: Check for Normality**

	<b>GWC-7A</b>	<b>MDL</b>
3/2/02	<b>250</b>	<b>20</b>
4/15/02	<b>170</b>	<b>20</b>
5/28/02	<b>130</b>	<b>20</b>
7/8/02	<b>40</b>	<b>20</b>
2/28/03	<b>100</b>	<b>20</b>
7/23/03	<b>70</b>	<b>20</b>
1/6/04	<b>70</b>	<b>20</b>
7/8/04	<b>50</b>	<b>20</b>
1/13/05	<b>30</b>	<b>20</b>
7/22/05	<b>30</b>	<b>20</b>
1/18/06	<b>30</b>	<b>20</b>
7/6/06	<b>40</b>	<b>20</b>
1/4/07	<b>40</b>	<b>20</b>
7/11/07	<b>40</b>	<b>20</b>
1/3/08	<b>40</b>	<b>20</b>
7/2/08	<b>30</b>	<b>20</b>
1/5/09	<b>26</b>	<b>20</b>
7/6/09	<b>30</b>	<b>20</b>
1/6/10	<b>27</b>	<b>20</b>
7/8/10	<b>28</b>	<b>20</b>
1/7/11	<b>27.3</b>	<b>20</b>
7/7/11	<b>27.2</b>	<b>20</b>
1/5/12	<b>28.3</b>	<b>20</b>
7/6/12	<b>29.3</b>	<b>20</b>
1/9/13	<b>28.7</b>	<b>20</b>
7/3/13	<b>26.8</b>	<b>20</b>
2/5/14	<b>25.6</b>	<b>20</b>
7/23/14	<b>26.2</b>	<b>20</b>
1/28/15	<b>28.8</b>	<b>20</b>
7/8/15	<b>27.1</b>	<b>20</b>
1/29/16	<b>28.1</b>	<b>20</b>
7/27/16	<b>29.1</b>	<b>20</b>
1/5/17	<b>30.1</b>	<b>20</b>
7/6/17	<b>28.4</b>	<b>20</b>
1/4/18	<b>29.2</b>	<b>20</b>
7/25/18	<b>29</b>	<b>20</b>
10/2/18	<b>NS</b>	<b>20</b>
10/8/18	<b>NS</b>	<b>20</b>



11/20/18	NS	20
1/17/19	<b>31</b>	20
2/20/19	NS	20
7/18/19	<b>30</b>	20
1/8/20	<b>32</b>	20
7/9/20	<b>28.7</b>	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	<b>35</b>	20
7/9/21	<b>29</b>	20

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

$$\begin{aligned}
X_{\text{bar}} &= 45.3785714 \\
SD &= 43.3959059 \\
N &= 42 \\
1/N \sum_i (X_i - X_{\text{bar}})^3 &= 265733.625 \\
\gamma_1 &= 3.37130765
\end{aligned}$$

Since the Coefficient of Skewness of 3.37 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.

$$\begin{aligned}
X_{\text{bar}} &= 3.61426097 \\
SD &= 0.52913161 \\
N &= 42 \\
1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.31814138 \\
\gamma_1 &= 2.22652303
\end{aligned}$$

Since the Coefficient of Skewness of 2.23 is greater than 1.0, the data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. A non-parametric testing procedure should be used on the data set.

**Eagle Point MSW Landfill  
Forsyth County, Georgia  
BLE Project Number J21-1472-177**

**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	<b>20</b>
10/19/20	NS	<b>20</b>
01/07/21	<b>35</b>	<b>20</b>
07/09/21	<b>29</b>	<b>20</b>

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1) Rank the N = 42 observations from the smallest to the largest from background wells and compliance well GWC-7.

$$\begin{aligned}
 n &= 26 \\
 m &= 16 \\
 N &= 42 \\
 C_i \text{ (GWC-7)} &= 371.0
 \end{aligned}$$

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

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

$$W = 20$$

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

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

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

$$E(W) = 208$$

Adjustment for tie values:

$$SD(W) = 38.518$$

4) Form the appropriate Z-score.

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

$$Z = -4.894$$

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

$$Z = -4.894$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177**

**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

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

$$\begin{aligned}
 X_{\text{bar}} &= 39.8380952 \\
 SD &= 20.3944631 \\
 N &= 42 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -73.222066 \\
 \gamma_1 &= 0.00894959
 \end{aligned}$$

Since the Coefficient of Skewness of 0.01 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.51782034 \\
 SD &= 0.63123055 \\
 N &= 42 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.1481149 \\
 \gamma_1 &= 0.61056635
 \end{aligned}$$

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

**Part 2: Shewhart-CUSUM Control Chart**

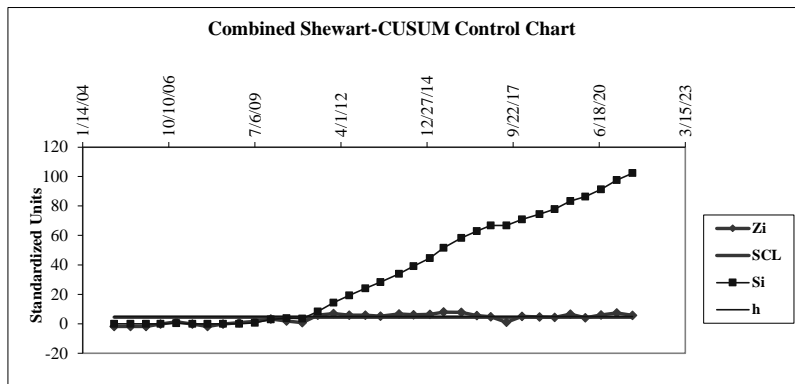
Compute the mean and standard deviation of the historical data:

- 21.25 =  $x_{\text{mean}}$  (Mean of N1-N8 historical data)
- 6.40869944 =  $s$  (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	<b>58.9</b>	<b>5.87482692</b>	<b>8.36464609</b>	5	4.5
1/5/12	<b>65.9</b>	<b>6.96709221</b>	<b>14.3317383</b>	5	4.5
7/6/12	<b>58.9</b>	<b>5.87482692</b>	<b>19.2065652</b>	5	4.5
1/9/13	<b>58.5</b>	<b>5.81241176</b>	<b>24.018977</b>	5	4.5
7/3/13	<b>54.8</b>	<b>5.23507153</b>	<b>28.2540485</b>	5	4.5
2/5/14	<b>64.4</b>	<b>6.73303536</b>	<b>33.9870839</b>	5	4.5
7/23/14	<b>60.6</b>	<b>6.14009135</b>	<b>39.1271752</b>	5	4.5
1/28/15	<b>62.4</b>	<b>6.42095957</b>	<b>44.5481348</b>	5	4.5
7/8/15	<b>72.5</b>	<b>7.99694235</b>	<b>51.5450771</b>	5	4.5
1/29/16	<b>71.2</b>	<b>7.79409308</b>	<b>58.3391702</b>	5	4.5
7/27/16	<b>57.4</b>	<b>5.64077007</b>	<b>62.9799403</b>	5	4.5
1/5/17	<b>51.9</b>	<b>4.78256162</b>	<b>66.7625019</b>	5	4.5
7/6/17	<b>27.7</b>	<b>1.00644445</b>	<b>66.7689464</b>	5	4.5
1/4/18	<b>53.7</b>	<b>5.06342984</b>	<b>70.8323762</b>	5	4.5
7/25/18	<b>51</b>	<b>4.64212751</b>	<b>74.4745037</b>	5	4.5
1/17/19	<b>49</b>	<b>4.33005171</b>	<b>77.8045554</b>	5	4.5
7/18/19	<b>63</b>	<b>6.51458231</b>	<b>83.3191377</b>	5	4.5
1/8/20	<b>47</b>	<b>4.01797591</b>	<b>86.3371136</b>	5	4.5
7/9/20	<b>59.4</b>	<b>5.95284587</b>	<b>91.2899595</b>	5	4.5
1/7/21	<b>68</b>	<b>7.2947718</b>	<b>97.5847313</b>	5	4.5
7/9/21	<b>58</b>	<b>5.73439281</b>	<b>102.319124</b>	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 J21-1472-177**

**Compound:** Total Barium  
**GA MCL (µg/l):** 2000  
**Method:** Shewhart-CUSUM Control Chart

**Part 1: Check for Normality**

	GWC-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

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

$$\begin{aligned}
 X_{\text{bar}} &= 159.129412 \\
 SD &= 177.583844 \\
 N &= 34 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 4197549.64 \\
 \gamma_1 &= 0.78384998
 \end{aligned}$$

Since the Coefficient of Skewness of 0.78 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 X_{\text{bar}} &= 4.20833822 \\
 SD &= 1.44169525
 \end{aligned}$$

$$N = 34$$

$$1/N \sum (X_i - X_{\text{bar}})^2 = 0.3923977$$

$$\gamma_1 = 0.13694731$$

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

**Part 2: Shewhart-CUSUM Control Chart**

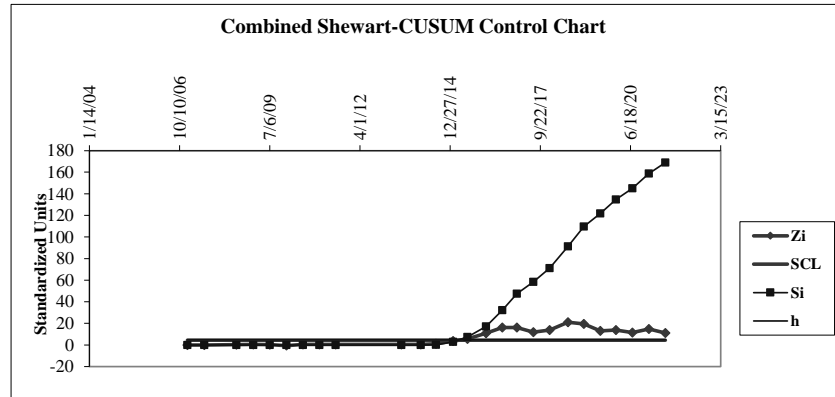
Compute the mean and standard deviation of the historical data:

- 22.5 =  $\bar{x}$  (Mean 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	<b>160</b>	<b>5.5</b>	<b>7.284</b>	5	4.5
1/29/16	<b>293</b>	<b>10.82</b>	<b>17.104</b>	5	4.5
7/27/16	<b>427</b>	<b>16.18</b>	<b>32.284</b>	5	4.5
1/5/17	<b>426</b>	<b>16.14</b>	<b>47.424</b>	5	4.5
7/6/17	<b>320</b>	<b>11.9</b>	<b>58.324</b>	5	4.5
1/4/18	<b>366</b>	<b>13.74</b>	<b>71.064</b>	5	4.5
7/25/18	<b>550</b>	<b>21.1</b>	<b>91.164</b>	5	4.5
1/17/19	<b>510</b>	<b>19.5</b>	<b>109.664</b>	5	4.5
7/18/19	<b>350</b>	<b>13.1</b>	<b>121.764</b>	5	4.5
1/8/20	<b>370</b>	<b>13.9</b>	<b>134.664</b>	5	4.5
7/9/20	<b>308</b>	<b>11.42</b>	<b>145.084</b>	5	4.5
1/7/21	<b>390</b>	<b>14.7</b>	<b>158.784</b>	5	4.5
7/9/21	<b>300</b>	<b>11.1</b>	<b>168.884</b>	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 J21-1472-177**

**Compound:** Total Barium  
**GA MCL (µg/l):** 2000  
**Method:** Shewhart-CUSUM Control Chart

**Part 1: Check for Normality**

	<b>GWC-10</b>	<b>MDL</b>
2/28/03	<b>50</b>	<b>20</b>
7/23/03	<b>20</b>	<b>20</b>
1/6/04	<b>50</b>	<b>20</b>
7/8/04	<b>60</b>	<b>20</b>
1/13/05	<b>40</b>	<b>20</b>
7/22/05	<b>260</b>	<b>20</b>
1/18/06	<b>30</b>	<b>20</b>
7/6/06	<b>30</b>	<b>20</b>
1/4/07	<b>30</b>	<b>20</b>
7/11/07	<b>40</b>	<b>20</b>
1/3/08	<b>40</b>	<b>20</b>
7/2/08	<b>140</b>	<b>20</b>
1/5/09	ND	<b>20</b>
7/6/09	<b>22</b>	<b>20</b>
1/6/10	<b>22</b>	<b>20</b>
7/8/10	<b>21</b>	<b>20</b>
1/7/11	Dry	<b>20</b>
7/7/11	Dry	<b>20</b>
1/5/12	Dry	<b>20</b>
7/6/12	<b>22.5</b>	<b>20</b>
1/9/13	<b>22.3</b>	<b>20</b>
7/3/13	ND	<b>20</b>
2/5/14	<b>20.4</b>	<b>20</b>
7/23/14	<b>22.5</b>	<b>20</b>
1/28/15	<b>26.2</b>	<b>20</b>
7/8/15	<b>26.4</b>	<b>20</b>
1/29/16	<b>26.9</b>	<b>20</b>
7/27/16	<b>29.1</b>	<b>20</b>
1/5/17	<b>29.9</b>	<b>20</b>
7/6/17	<b>43.2</b>	<b>20</b>
1/4/18	<b>34.7</b>	<b>20</b>
7/25/18	<b>31</b>	<b>20</b>
10/2/18	NS	<b>20</b>
10/8/18	NS	<b>20</b>
11/20/18	NS	<b>20</b>
1/17/19	<b>34</b>	<b>20</b>
2/20/19	NS	<b>20</b>
7/18/19	<b>36</b>	<b>20</b>



1/8/20	<b>43</b>	<b>20</b>
7/9/20	<b>46.3</b>	<b>20</b>
8/10/20	NS	<b>20</b>
9/16/20	NS	<b>20</b>
10/19/20	NS	<b>20</b>
1/7/21	<b>72</b>	<b>20</b>
7/9/21	<b>80</b>	<b>20</b>

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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 J21-1472-177**

**Compound:** Total Barium  
MCL (µg/l): 2000  
Method: Wilcoxon Rank Sum (intraWell)

	<b>GWC-10 (BG)</b>	<b>GWC-10</b>	<b>MDL</b>
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
09/16/20	NS	20
10/19/20	NS	20
01/07/21	72	20
07/09/21	80	20

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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 J21-1472-177**

**Compound:** Total Barium  
**GA MCL (µg/l):** 2000  
**Method:** Shewhart-CUSUM Control Chart

**Part 1: Check for Normality**

	GWC-11	MDL
3/2/02	NP	20
4/15/02	NP	20
5/28/02	NP	20
7/8/02	NP	20
2/28/03	50	20
7/23/03	ND	20
1/6/04	ND	20
7/8/04	ND	20
1/13/05	20	20
7/22/05	ND	20
1/18/06	20	20
7/6/06	20	20
1/4/07	ND	20
7/11/07	30	20
1/3/08	ND	20
7/2/08	30	20
1/5/09	Dry	20
7/6/09	28	20
1/6/10	74	20
7/8/10	21	20
1/7/11	Dry	20
7/7/11	67.5	20
1/5/12	33	20
7/6/12	Dry	20
1/9/13	118	20
7/3/13	45.6	20
2/5/14	24.1	20
7/23/14	38.3	20
1/28/15	27.2	20
7/8/15	24.3	20
1/29/16	54.7	20
7/27/16	86.3	20
1/5/17	79.4	20
7/6/17	126	20
1/4/18	205	20
7/25/18	230	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	190	20
2/20/19	NS	20
7/18/19	250	20
1/8/20	420	20
7/9/20	499	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	620	20
7/9/21	600	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 116.897143 \\
 SD &= 167.63939 \\
 N &= 35 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 8887934.43 \\
 \gamma_1 &= 1.97040871
 \end{aligned}$$

Since the Coefficient of Skewness of 1.97 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.94565879 \\
 SD &= 1.26828595
 \end{aligned}$$

$$N = 35$$

$$1/N \sum (X_i - X_{\text{bar}})^3 = 0.93613782$$

$$\gamma_1 = 0.47926083$$

Since the Coefficient of Skewness of 0.48 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:

$$2.76369502 = \bar{x}_{\text{mean}} \text{ (Mean of N1-N8 historical data)}$$

$$0.57702073 = s \text{ (Standard Deviation of N1-N8 historical data)}$$

$$1 = k \text{ (constant, reference value)}$$

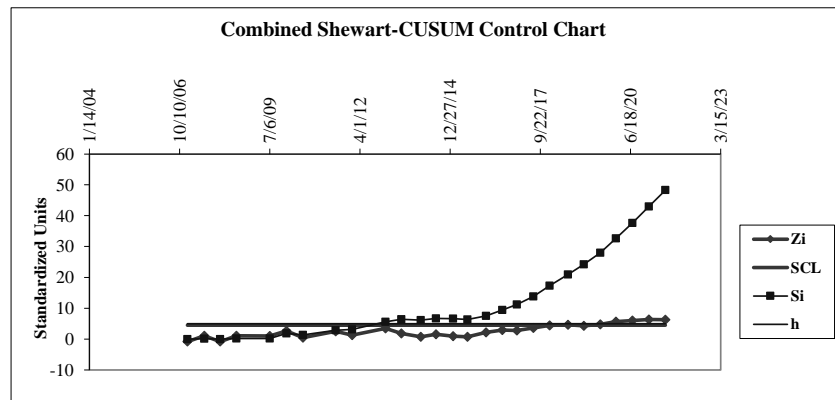
$$5 = h \text{ (constant, upper control limit for the CUSUM scheme)}$$

$$4.5 = \text{SCL (Constant, upper Shewhart Control Limit)}$$

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		
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	<b>4.77068462</b>	3.47819322	<b>5.60947007</b>	5	4.5
7/3/13	<b>3.81990772</b>	1.83045882	<b>6.43992889</b>	5	4.5
2/5/14	<b>3.18221184</b>	0.72530637	<b>6.16523526</b>	5	4.5
7/23/14	<b>3.6454499</b>	1.52811645	<b>6.69335171</b>	5	4.5
1/28/15	<b>3.30321697</b>	0.93501311	<b>6.62836482</b>	5	4.5
7/8/15	<b>3.19047635</b>	0.7396291	<b>6.36799392</b>	5	4.5
1/29/16	<b>4.00186371</b>	2.14579583	<b>7.51378975</b>	5	4.5
7/27/16	<b>4.4578296</b>	2.93600295	<b>9.4497927</b>	5	4.5
1/5/17	<b>4.37449837</b>	2.7915866	<b>11.2413793</b>	5	4.5
7/6/17	<b>4.83628191</b>	3.59187593	<b>13.8332552</b>	5	4.5
1/4/18	<b>5.32300998</b>	4.43539514	<b>17.2686504</b>	5	4.5
7/25/18	<b>5.43807931</b>	4.63481489	<b>20.9034653</b>	5	4.5
1/17/19	<b>5.24702407</b>	4.30370853	<b>24.2071738</b>	5	4.5
7/18/19	<b>5.52146092</b>	4.77931855	<b>27.9864923</b>	5	4.5
1/8/20	<b>6.04025471</b>	5.67840894	<b>32.6649013</b>	5	4.5
7/9/20	<b>6.2126061</b>	5.97710078	<b>37.6420021</b>	5	4.5
1/7/21	<b>6.42971948</b>	6.35336695	<b>42.995369</b>	5	4.5
7/9/21	<b>6.39692966</b>	6.29654088	<b>48.2919099</b>	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 J21-1472-177**

**Compound:** Total Barium  
 GA MCL (µg/l): 2000  
 Method: Shewhart-CUSUM Control Chart

**Part 1: Check for Normality**

	GWC-12	MDL
7/8/04	ND	20
1/13/05	ND	20
7/22/05	ND	20
1/18/06	ND	20
7/6/06	20	20
1/4/07	ND	20
7/11/07	NS	20
1/3/08	Dry	20
7/2/08	Dry	20
1/5/09	Dry	20
7/6/09	140	20
1/6/10	83	20
7/8/10	210	20
1/7/11	146	20
7/7/11	148	20
1/5/12	104	20
7/6/12	74.4	20
1/9/13	31.9	20
7/3/13	ND	20
2/5/14	26	20
7/23/14	23.8	20
1/28/15	33.4	20
7/8/15	41	20
1/29/16	41.4	20
7/27/16	55.2	20
1/5/17	58.6	20
7/6/17	43.2	20
1/4/18	55.9	20
7/25/18	64	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	50	20
2/20/19	NS	20
7/18/19	70	20
1/8/20	70	20
7/9/20	78.2	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	95	20
7/9/21	110	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 62.3548387 \\
 SD &= 49.1620846 \\
 N &= 31 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 129265.478 \\
 \gamma_1 &= 1.14275294
 \end{aligned}$$

Since the Coefficient of Skewness of 1.14 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.78522329 \\
 SD &= 0.9181118 \\
 N &= 31
 \end{aligned}$$

$$1/\sum_i(X_i - \bar{X}_{\text{bar}})^3 = -0.2864526$$

$$\gamma_1 = 0.38880043$$

Since the Coefficient of Skewness of 0.39 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

**Part 2: Shewhart-CUSUM Control Chart**

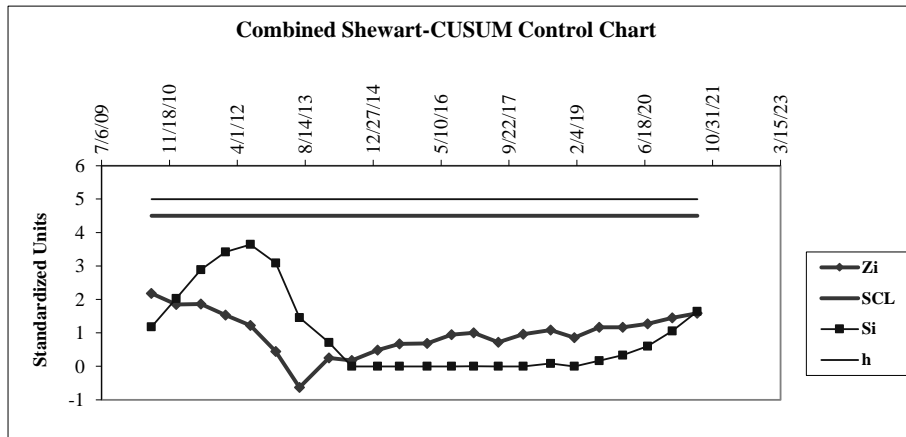
Compute the mean and standard deviation of the historical data:

- 2.9836426 =  $x_{\text{mean}}$  (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

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 J21-1472-177**

**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

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

$$\begin{aligned}
 X_{\text{bar}} &= 31.596875 \\
 SD &= 17.4533384 \\
 N &= 32 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 7621.85603 \\
 \gamma_1 &= 1.50351456
 \end{aligned}$$

Since the Coefficient of Skewness of 1.50 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.31853458 \\
 SD &= 0.53368289 \\
 N &= 32
 \end{aligned}$$



$$1/N \sum_i (X_i - \bar{X})^3 = -0.0244334$$

$$\gamma_1 = 0.16858432$$

Since the Coefficient of Skewness of 0.17 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**

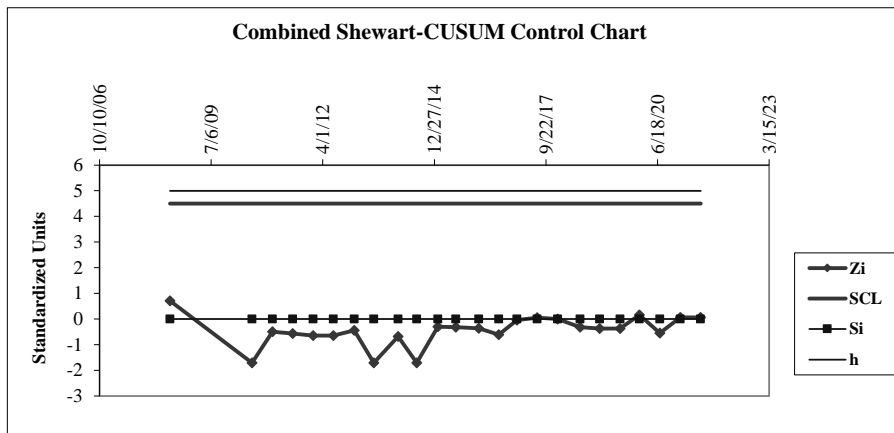
Compute the mean and standard deviation of the historical data:

- 3.56941 =  $x_{\text{mean}}$  (Mean of N1-N8 historical data)
- 0.74054982 =  $s$  (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	4.09434456	0.70884436	0	5	4.5
7/8/10	2.30258509	-1.71065454	0	5	4.5
1/7/11	3.20274644	-0.49512342	0	5	4.5
7/7/11	3.14845336	-0.56843798	0	5	4.5
1/5/12	3.09104245	-0.64596269	0	5	4.5
7/6/12	3.09104245	-0.64596269	0	5	4.5
1/9/13	3.23867845	-0.4466027	0	5	4.5
7/3/13	2.30258509	-1.71065454	0	5	4.5
2/5/14	3.06339092	-0.68330188	0	5	4.5
7/23/14	2.30258509	-1.71065454	0	5	4.5
1/28/15	3.34638915	-0.30115578	0	5	4.5
7/8/15	3.33220451	-0.32030997	0	5	4.5
1/29/16	3.29953373	-0.3644269	0	5	4.5
7/27/16	3.11351531	-0.61561651	0	5	4.5
1/5/17	3.53514535	-0.0462692	0	5	4.5
7/6/17	3.60821155	0.0523956	0	5	4.5
1/4/18	3.5695327	0.00016568	0	5	4.5
7/25/18	3.33220451	-0.32030997	0	5	4.5
1/17/19	3.29583687	-0.36941895	0	5	4.5
7/18/19	3.29583687	-0.36941895	0	5	4.5
1/8/20	3.68887945	0.16132534	0	5	4.5
7/9/20	3.16124671	-0.5511625	0	5	4.5
1/7/21	3.61091791	0.05605013	0	5	4.5
7/9/21	3.61091791	0.05605013	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 J21-1472-177**

**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

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

$$\begin{aligned} X_{\text{bar}} &= 66.3714286 \\ SD &= 82.9924874 \\ N &= 14 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 1607140.36 \\ \gamma_1 &= 3.1420601 \end{aligned}$$

Since the Coefficient of Skewness of 3.14 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.

$$\begin{aligned} X_{\text{bar}} &= 3.8880507 \\ SD &= 0.6684718 \\ N &= 14 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.479296 \\ \gamma_1 &= 1.79321166 \end{aligned}$$

Since the Coefficient of Skewness of 1.79 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 J21-1472-177**

**Compound:** Total Barium  
MCL (µg/l): 2000  
Method: Wilcoxon Rank Sum (intraWell)

	<b>GWC-14 (BG)</b>	<b>GWC-14</b>	<b>MDL</b>
01/28/15	<b>61.6</b>		<b>20</b>
07/08/15	<b>69.8</b>		<b>20</b>
01/29/16	<b>53.9</b>		<b>20</b>
07/27/16	<b>48.8</b>		<b>20</b>
01/05/17	<b>67.4</b>		<b>20</b>
07/06/17	<b>31.9</b>		<b>20</b>
01/04/18	<b>44.1</b>		<b>20</b>
07/25/18	<b>350</b>		<b>20</b>
10/02/18		NS	<b>20</b>
10/08/18		NS	<b>20</b>
11/20/18		NS	<b>20</b>
01/17/19		<b>43</b>	<b>20</b>
02/20/19		NS	<b>20</b>
07/18/19		<b>45</b>	<b>20</b>
01/08/20		<b>25</b>	<b>20</b>
07/09/20		<b>38.7</b>	<b>20</b>
08/10/20		NS	<b>20</b>
09/16/20		NS	<b>20</b>
10/19/20		NS	<b>20</b>
01/07/21		<b>27</b>	<b>20</b>
07/09/21		<b>23</b>	<b>20</b>

1) Rank the N = 14 observations from the smallest to the largest from background wells and compliance well GWC-14.

$$\begin{aligned}
 n &= 6 \\
 m &= 8 \\
 N &= 14 \\
 C_i (\text{GWC-14}) &= 25.0
 \end{aligned}$$

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

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

$$W = 4$$

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

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

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

$$E(W) = 24$$

Adjustment for tie values:

$$SD(W) = 7.746$$

4) Form the appropriate Z-score.

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

$$Z = -2.647$$

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

$$Z = -2.647$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177**

**Compound:** Total Barium  
 GA MCL (µg/l): 2000  
 Method: Shewhart-CUSUM Control Chart

**Part 1: Check for Normality**

	GWC-15	MDL
7/8/04	90	20
1/13/05	40	20
7/22/05	60	20
1/18/06	60	20
7/6/06	50	20
1/4/07	70	20
7/11/07	110	20
1/3/08	100	20
7/2/08	130	20
1/5/09	53	20
7/6/09	83	20
1/6/10	35	20
7/8/10	59	20
1/7/11	49.8	20
7/7/11	57.3	20
1/5/12	53.5	20
7/6/12	61.3	20
1/9/13	72.2	20
7/3/13	48.7	20
2/5/14	65	20
7/23/14	64	20
1/28/15	59.7	20
7/8/15	65.4	20
1/29/16	72.1	20
7/27/16	76.2	20
1/5/17	65.1	20
7/6/17	77.2	20
1/4/18	77.1	20
7/25/18	84	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	82	20
2/20/19	NS	20
7/18/19	100	20
1/8/20	85	20
7/9/20	116	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	120	20
7/9/21	130	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 74.9028571 \\
 SD &= 24.4809828 \\
 N &= 35 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 10704.5054 \\
 \gamma_1 &= 0.7620154
 \end{aligned}$$

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.

$$\begin{aligned}
 X_{\text{bar}} &= 4.26645534 \\
 SD &= 0.31913645 \\
 N &= 35 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.00267891
 \end{aligned}$$

$$\gamma_1 = 0.086082$$

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

**Part 2: Shewhart-CUSUM Control Chart**

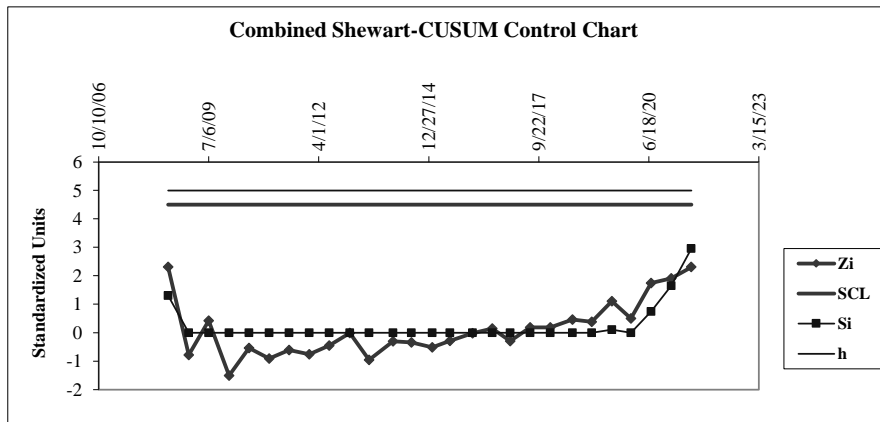
Compute the mean and standard deviation of the historical data:

- 72.5 =  $x_{\text{mean}}$  (Mean of N1-N8 historical data)
- 24.9284691 =  $s$  (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

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 J21-1472-177**

**Compound:** Total Barium  
**GA MCL (µg/l):** 2000  
**Method:** Shewhart-CUSUM Control Chart

**Part 1: Check for Normality**

	GWC-16	MDL
7/8/04	NP	20
1/13/05	NP	20
7/22/05	NP	20
1/18/06	NP	20
7/6/06	NP	20
1/4/07	NP	20
7/11/07	NP	20
1/3/08	NP	20
7/2/08	NP	20
1/5/09	NP	20
7/6/09	NP	20
1/6/10	NP	20
7/8/10	ND	20
1/7/11	20.8	20
7/7/11	20.2	20
1/5/12	61.6	20
7/6/12	25.4	20
1/9/13	86.6	20
7/3/13	23.7	20
2/5/14	48.8	20
7/23/14	21.8	20
1/28/15	28.2	20
7/8/15	22.8	20
1/29/16	24.1	20
7/27/16	28.1	20
1/5/17	29.5	20
7/6/17	48	20
1/4/18	63.3	20
7/25/18	80	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	68	20
2/20/19	NS	20
7/18/19	110	20
1/8/20	130	20
7/9/20	ND	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	120	20
7/9/21	130	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 52.6478261 \\
 SD &= 39.2183384 \\
 N &= 23 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 47726.3602 \\
 \gamma_1 &= 0.84576261
 \end{aligned}$$

Since the Coefficient of Skewness of 0.85 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.68738034 \\
 \text{SD} &= 0.77858051 \\
 N &= 23 \\
 1/N \sum_i (X_i - X_{\text{bar}})^2 &= 0.00087729 \\
 \gamma_1 &= 0.00198698
 \end{aligned}$$

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

**Part 2: Shewhart-CUSUM Control Chart**

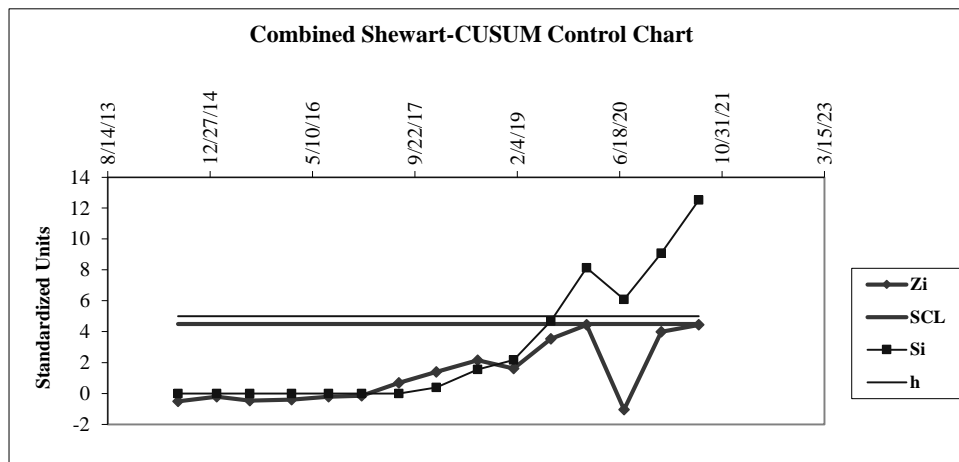
Compute the mean and standard deviation of the historical data:

$$\begin{aligned}
 32.8333333 &= x_{\text{mean}} \text{ (Mean of N1-N8 historical data)} \\
 21.8629755 &= s \text{ (Standard Deviation of N1-N8 historical data)} \\
 1 &= k \text{ (constant, reference value)} \\
 5 &= h \text{ (constant, upper control limit for the CUSUM scheme)} \\
 4.5 &= \text{SCL (Constant, upper Shewhart Control Limit)}
 \end{aligned}$$

Compute the standardized mean ( $Z_i$ ) and the cumulative sum ( $S_i$ ) for each concentration.

Date	$x_i$	$Z_i$	$S_i$	h	SCL
			0		
7/23/14	21.8	-0.50465836	0	5	4.5
1/28/15	28.2	-0.21192602	0	5	4.5
7/8/15	22.8	-0.45891893	0	5	4.5
1/29/16	24.1	-0.39945767	0	5	4.5
7/27/16	28.1	-0.21649996	0	5	4.5
1/5/17	29.5	-0.15246476	0	5	4.5
7/6/17	48	0.69371466	0	5	4.5
1/4/18	63.3	1.39352792	0.39352792	5	4.5
7/25/18	80	2.15737637	1.55090429	5	4.5
1/17/19	68	1.60850323	2.15940751	5	4.5
7/18/19	110	3.52955922	4.68896673	5	4.5
1/8/20	<b>130</b>	4.44434779	<b>8.13331452</b>	5	4.5
7/9/20	<b>10</b>	-1.04438361	<b>6.08893091</b>	5	4.5
1/7/21	<b>120</b>	3.9869535	<b>9.07588441</b>	5	4.5
7/9/21	<b>130</b>	4.44434779	<b>12.5202322</b>	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 J21-1472-177**

**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

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

$$\begin{aligned}
 X_{\text{bar}} &= 27.4478261 \\
 SD &= 9.47220189 \\
 N &= 23 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -631.54891 \\
 \gamma_1 &= 0.79434997
 \end{aligned}$$

Since the Coefficient of Skewness of 0.79 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 X_{\text{bar}} &= 3.2288353 \\
 SD &= 0.46230097 \\
 N &= 23 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.1200388 \\
 \gamma_1 &= 1.29868885
 \end{aligned}$$

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

**Part 2: Shewhart-CUSUM Control Chart**

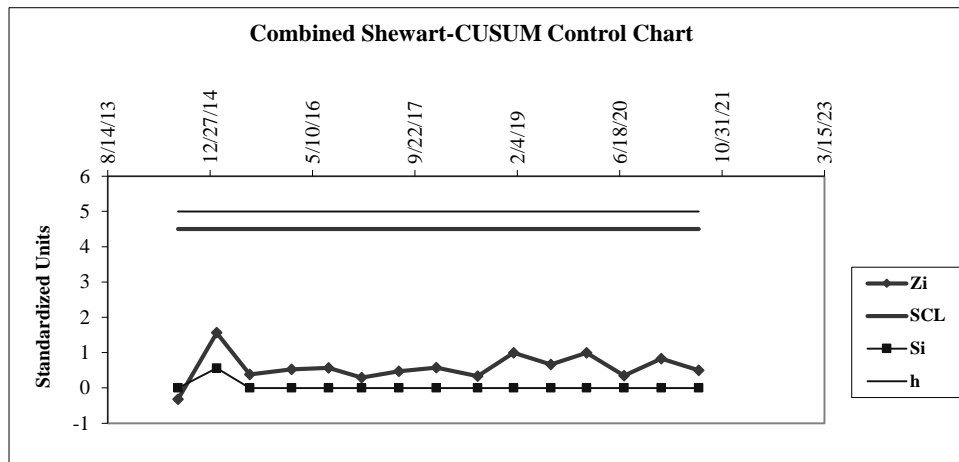
Compute the mean and standard deviation of the historical data:

$$\begin{aligned}
 24.0166667 &= x_{\text{mean}} \text{ (Mean of N1-N8 historical data)} \\
 12.0116484 &= s \text{ (Standard Deviation of N1-N8 historical data)} \\
 1 &= k \text{ (constant, reference value)} \\
 5 &= h \text{ (constant, upper control limit for the CUSUM scheme)} \\
 4.5 &= \text{SCL (Constant, upper Shewhart Control Limit)}
 \end{aligned}$$

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

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 J21-1472-177

Compound: Total Beryllium  
 GA MCL (µg/l): 4  
 Method: Non-Parametric Prediction Limits  
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL				
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	ND	ND
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/09	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	
07/06/09	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	NP	NP	NP	NP	NP	
01/06/10	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	
07/08/10	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	NP	NP	NP	NP	NP	
01/07/11	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	
07/07/11	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	
01/05/12	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	
07/06/12	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	
01/09/13	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	NP	NP	NP	NP	NP	NP
07/03/13	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	NP	NP	NP	NP	NP	NP
02/05/14	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	NP	NP	NP	NP	NP	NP
07/23/14	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	NP	NP	NP	NP	NP	NP
01/28/15	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	NP	NP	NP	NP	NP	NP
07/08/15	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	NP	NP	NP	NP	NP	NP
01/29/16	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	NP	NP	NP	NP	NP	NP
07/27/16	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	NP	NP	NP	NP	NP	NP
01/05/17	ND	ND	Dry	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
07/06/17	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	NP	NP	NP	NP	NP	NP
01/04/18	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	NP	NP	NP	NP	NP	NP
07/25/18	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	NP	NP	NP	NP	NP	NP
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/17/19	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	NP	NP	NP	NP	NP	NP
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
07/18/19	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	NP	NP	NP	NP	NP	NP
01/08/20	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	NP	NP	NP	NP	NP	NP
07/09/20	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
01/07/21	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	NP	NP	NP	NP	NP	NP
07/09/21	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	NP	NP	NP	NP	NP	NP

- 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' = 42.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 1.5.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well

Eagle Point MSW Landfill  
 Forsyth County, Georgia  
 BLE Project Number J21-1472-177

Compound: Total Cadmium  
 GA MCL (µg/l): 5  
 Method: Non-Parametric Prediction Limits  
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/H	GWC-11	GWC-12/2R	GWC-13/1R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL			
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	5	
07/06/09	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	NP	NP	NP	5	
01/06/10	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	5	
07/08/10	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	NP	NP	NP	5	
01/07/11	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	5	
07/07/11	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	5	
01/05/12	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	5	
07/06/12	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	5	
01/09/13	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	NP	NP	NP	5	
07/03/13	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	NP	NP	NP	5	
02/05/14	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	NP	NP	NP	5	
07/23/14	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	NP	NP	NP	5	
01/28/15	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	NP	NP	NP	5	
07/08/15	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	NP	NP	NP	5	
01/29/16	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	NP	NP	NP	5	
07/27/16	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	NP	NP	NP	5	
01/05/17	ND	ND	Dry	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	5	
07/06/17	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	NP	NP	NP	5	
01/04/18	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	NP	NP	NP	5	
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	5
01/08/20	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	NP	NP	NP	NP	5
07/09/20	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
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	5
07/09/21	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	NP	NP	NP	NP	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' = 42.
- 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) 'm' = 2.

$n = 84$   
 $PL = 2.5$   
 $m = 3$   
 false positive rate ( $\alpha$ ) = 0.03

	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/H	GWC-11	GWC-12/12	GWC-13/1E	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
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Eagle Point MSW Landfill  
 Forsyth County, Georgia  
 BLE Project Number J21-1472-177

Compound: Total Chromium  
 GA MCL (µg/l): 100  
 Method: Non-Parametric Prediction Limits  
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10R	GWC-11	GWC-12/2R	GWC-13/3R	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	10	30	10	ND	20	ND	ND	ND	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
04/15/02	ND	ND	30	10	ND	20	ND	ND	ND	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
05/28/02	ND	10	10	10	ND	30	ND	ND	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/08/02	ND	ND	30	20	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	
02/28/03	10	30	20	50	ND	20	ND	ND	ND	20	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/23/03	ND	10	ND	ND	ND	ND	ND	ND	ND	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	
01/06/04	ND	20	ND	ND	ND	20	10	ND	ND	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	
07/08/04	ND	10	10	10	ND	20	10	10	10	10	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	
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	
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	
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	
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	
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	
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	
01/05/09	ND	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	
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	
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	
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	
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	
07/23/14	ND	ND	10.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/05/17	ND	ND	ND	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	
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	
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	
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	
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	
10/08/18	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	
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	
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
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	
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
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
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
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	
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
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
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
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

- 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' = 42.
- 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) 'm' = 2.

n = 84  
 PL = 30  
 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-10/10R	GWC-11	GWC-12/2R	GWC-13/3R	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	No	No	No	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 Concent

Eagle Point MSW Landfill  
Forsyth County, Georgia  
BLE Project Number J21-1472-177

Compound: Total Cobalt  
GA MCL (µg/l): Not Established  
Method: Non-Parametric Prediction Limits  
Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL			
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	
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	40	
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	40	
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	40	
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	
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	40	
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	40	
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	40	
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	40	
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	40	
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	40	
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	40	
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	40	
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	40	
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	40	
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	40	
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40	
07/06/09	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	40	
01/06/10	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	40	
07/08/10	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	40	
01/07/11	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	40	
07/07/11	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	40	
01/05/12	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	40	
07/06/12	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	40	
01/09/13	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	40	
07/03/13	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	40	
02/05/14	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	40	
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40	
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.8	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40	
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	171	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40	
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	186	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40	
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	155	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40	
01/05/17	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	87.3	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40	
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	113	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40	
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	208	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	250	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40
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	40	
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	40	
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	40	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	290	ND	47	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40
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	40	
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170	ND	57	73	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	74	69	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	118	ND	114	86.9	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	40
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	40	
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	40	
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	40	
01/07/21	ND	ND	ND	ND	ND	ND	9.6	ND	ND	ND	24	150	ND	150	99	ND	ND	14	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	6	
07/09/21	ND	ND	ND	ND	ND	ND	9	ND	ND	ND	30	110	ND	140	120	ND	ND	8.5	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	

- 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' = 42.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 20.
- 4) Set the number of future comparisons equal to the number of background well plus 1 each (each compliance well compared individually) 'm' = 2.

n = 84  
PL = 20  
m = 3  
false positive rate (α) = 0.03

C =	α = GWC-1	α = GWC-2	α = GWC-3	α = GWC-4	α = GWC-5	α = GWC-6	α = GWC-7	α = GWC-7A	α = GWC-8	α = GWC-9	α = GWC-10/10D	α = GWC-11	α = GWC-12/12R	α = GWC-13/13R	α = GWC-14R	α = GWC-15	α = GWC-16	α = GWC-17	α = GWC-18	
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**Eagle Point MSW Landfill  
Forsyth County, Georgia  
BLE Project Number J21-1472-177**

**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

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1) Rank the  $N = 38$  observations from the smallest to the largest from background wells and compliance well GWC-9.

$$\begin{aligned}n &= 22 \\m &= 16 \\N &= 38 \\C_i \text{ (GWC-9)} &= 445.0\end{aligned}$$

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

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

$$W = 192$$

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

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

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

$$E(W) = 176$$

Adjustment for tie values:

$$SD(W) = 13.091$$

4) Form the appropriate  $Z$ -score.

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

$$Z = 1.184$$

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

$$Z = 1.184$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177**

**Compound:** Total Cobalt  
MCL (µg/l): Not Established  
Method: Wilcoxon Rank Sum (intraWell)

	<b>GWC-9 (BG)</b>	<b>GWC-9</b>	<b>MDL</b>
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

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1) Rank the  $N = 34$  observations from the smallest to the largest from background wells and compliance well GWC-9.

$$\begin{aligned}n &= 18 \\m &= 16 \\N &= 34 \\C_i \text{ (GWC-9)} &= 443.0\end{aligned}$$

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

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

$$W = 272$$

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

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

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

$$E(W) = 144$$

Adjustment for tie values:

$$SD(W) = 26.751$$

4) Form the appropriate  $Z$ -score.

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

$$Z = 4.766$$

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

$$Z = 4.766$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177**

**Compound:** **Total Cobalt**  
MCL (µg/l): Not Established  
Method: Wilcoxon Rank Sum (intraWell)

	<b>GWC-11 (BG)</b>	<b>CWC-11</b>	<b>MDL</b>
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

- 1) Rank the  $N = 35$  observations from the smallest to the largest from background wells and compliance well CWC-11.

$$\begin{aligned} n &= 19 \\ m &= 16 \\ N &= 35 \\ C_i \text{ (CWC-11)} &= 390.0 \end{aligned}$$

- 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  $W$ .

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

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

$$E(W) = 152$$

Adjustment for tie values:

$$SD(W) = 19.835$$

- 4) Form the appropriate  $Z$ -score.

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

$$Z = 2.395$$

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

$$Z = 2.395$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177**

**Compound:** **Total Cobalt**  
MCL (µg/l): Not Established  
Method: Wilcoxon Rank Sum (intrawell)

	<b>GWC-12R (BG)</b>	<b>CWC-12R</b>	<b>MDL</b>
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

1) Rank the  $N = 31$  observations from the smallest to the largest from background wells and compliance well CWC-12R.

$$\begin{aligned} n &= 17 \\ m &= 14 \\ N &= 31 \\ C_i \text{ (CWC-12R)} &= 349.0 \end{aligned}$$

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

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

$$W = 196$$

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

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

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

$$E(W) = 119$$

Adjustment for tie values:

$$SD(W) = 21.552$$

4) Form the appropriate  $Z$ -score.

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

$$Z = 3.550$$

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

$$Z = 3.550$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177

Compound: Total Copper  
 GA MCL (µg/l): 1300  
 Method: Non-Parametric Prediction Limits  
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10R	GWC-11	GWC-12/2R	GWC-13/1R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL			
03/02/02	ND	ND	50	ND	ND	50	ND	ND	ND	50	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	40	ND	ND	70	ND	ND	ND	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	20	
05/28/02	ND	ND	20	ND	ND	60	ND	ND	ND	ND	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	30	ND	ND	40	ND	ND	ND	ND	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	
02/28/03	ND	ND	20	30	20	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	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	40	ND	ND	ND	ND	ND	ND	ND	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	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/06/10	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/12	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	20	
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.5	ND	ND	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	ND	ND	ND	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	ND	ND	ND	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	ND	ND	ND	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	ND	ND	ND	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	ND	ND	ND	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	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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	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	NS	20
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	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	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	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	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	ND	ND	ND	ND	ND	ND	ND	ND	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	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' = 42.
- 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) 'm' = 2.

n = 84  
 PL = 30  
 m = 3  
 false positive rate (α) = 0.03

	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10R	GWC-11	GWC-12/2R	GWC-13/1R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	G
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Eagle Point MSW Landfill  
Forsyth County, Georgia  
BLE Project Number J21-1472-177

Compound: Total Nickel  
 GA MCL (µg/l): 100  
 Method: Non-Parametric Prediction Limits  
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL			
03/02/02	ND	ND	30	ND	ND	ND	ND	ND	ND	ND	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	
02/28/03	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	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	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	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	Dry	Dry	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	Dry	Dry	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	Dry	Dry	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	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	ND	ND	ND	ND	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	ND	ND	ND	ND	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	ND	ND	ND	ND	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	ND	ND	ND	ND	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	ND	ND	ND	ND	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	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.4	ND	ND	21.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	
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01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	30	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	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	31	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	
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21	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	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	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	20	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	26	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' = 42.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 10.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'm' = 2.
 

$n = 84$   
 $PL = 20$   
 $m = 3$   
 false positive rate ( $\alpha$ ) = 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
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**Eagle Point MSW Landfill  
Forsyth County, Georgia  
BLE Project Number J21-1472-177**

**Compound:** Total Nickel  
**MCL (µg/l):** 100  
**Method:** Wilcoxon Rank Sum (intrawell)

	<b>GWC-11 (BG)</b>	<b>CWC-12R</b>	<b>MDL</b>
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

1) Rank the N = 31 observations from the smallest to the largest from background wells and compliance well CWC-12R.

$$\begin{aligned}
 n &= 17 \\
 m &= 14 \\
 N &= 31 \\
 C_i \text{ (CWC-12R)} &= 293.0
 \end{aligned}$$

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

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

$$W = 140$$

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

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

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

$$E(W) = 119$$

Adjustment for tie values:

$$SD(W) = 12.927$$

4) Form the appropriate Z-score.

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

$$Z = 1.586$$

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

$$Z = 1.586$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177**

**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

- 1) Rank the  $N = 35$  observations from the smallest to the largest from background wells and compliance well CWC-11.

$$\begin{aligned} n &= 19 \\ m &= 16 \\ N &= 35 \\ C_i \text{ (CWC-11)} &= 406.0 \end{aligned}$$

- 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  $W$ .

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

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

$$E(W) = 152$$

Adjustment for tie values:

$$SD(W) = 22.210$$

- 4) Form the appropriate  $Z$ -score.

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

$$Z = 2.859$$

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

$$Z = 2.859$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177

Compound: Total Vanadium  
 GA MCL (µg/l): Not Established  
 Method: Non-Parametric Prediction Limits  
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10R	GWC-11	GWC-12/2R	GWC-13/1R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL					
03/02/02	ND	20	40	20	ND	40	ND	ND	110	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
04/15/02	ND	ND	30	20	ND	60	ND	ND	ND	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
05/28/02	ND	30	ND	20	ND	50	ND	ND	ND	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
07/08/02	ND	ND	30	30	ND	30	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
02/28/03	30	70	30	70	ND	20	20	ND	ND	30	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		
07/23/03	ND	40	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
01/06/04	ND	30	ND	ND	ND	ND	30	20	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		
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/18/06	ND	ND	ND	ND	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	ND	ND	ND	
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/05/09	ND	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	ND	
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	ND	ND	
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	ND	ND	
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	ND	ND	
07/07/11	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	ND	ND	
01/05/12	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	ND	ND	
07/06/12	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	ND	ND	
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	ND	ND	
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	ND	ND	
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	ND	ND	
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	ND	ND	
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	ND	ND	
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	ND	ND	
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	ND	ND	
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	ND	ND	
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	ND	ND	
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	ND	ND	
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/20	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	ND	ND	ND
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	ND	ND	ND
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
01/07/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/21	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	ND	ND	ND

- 1) If not detected (ND), use half of the





**Eagle Point MSW Landfill  
Forsyth County, Georgia  
BLE Project Number J21-1472-177**

**Compound:** Total Zinc  
 GA MCL (µg/l): Not Established  
 Method: Shewhart-CUSUM Control Chart

**Part 1: Check for Normality**

	GWC-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

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

$$\begin{aligned}
 X_{\text{bar}} &= 72.4676471 \\
 SD &= 65.6181872 \\
 N &= 34 \\
 1/N \sum_i (X_i - X_{\text{bar}})^2 &= 190666.662 \\
 \gamma_1 &= 0.70574782
 \end{aligned}$$

Since the Coefficient of Skewness of 0.71 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.75888865 \\
 SD &= 1.12174038 \\
 N &= 34
 \end{aligned}$$

$$1/N \sum_i (X_i - \bar{X}_{\text{bar}})^3 = -0.101872$$

$$\gamma_1 = 0.07547884$$

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

**Part 2: Shewhart-CUSUM Control Chart**

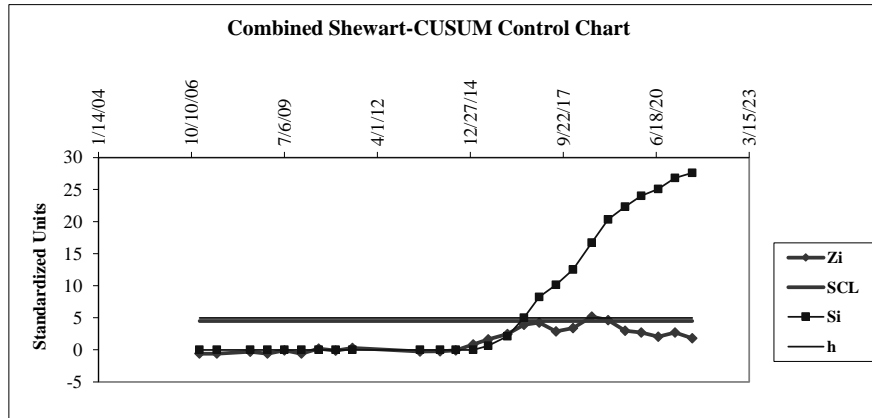
Compute the mean and standard deviation of the historical data:

- 31.25 =  $x_{\text{mean}}$  (Mean of N1-N8 historical data)
- 36.4250699 =  $s$  (Standard Deviation of N1-N8 historical data)
- 1 =  $k$  (constant, reference value)
- 5 =  $h$  (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean ( $Z_i$ ) and the cumulative sum ( $S_i$ ) for each concentration.

Date	$x_i$	$Z_i$	$S_i$	$h$	SCL
			0		
1/4/07	10	-0.58338941	0	5	4.5
7/11/07	10	-0.58338941	0	5	4.5
7/2/08	20	-0.30885322	0	5	4.5
1/5/09	10	-0.58338941	0	5	4.5
7/6/09	28	-0.08922426	0	5	4.5
1/6/10	10	-0.58338941	0	5	4.5
7/8/10	38	0.18531193	0	5	4.5
1/7/11	26.2	-0.13864078	0	5	4.5
7/7/11	42.4	0.30610785	0	5	4.5
7/3/13	21.7	-0.26218206	0	5	4.5
2/5/14	23.1	-0.223747	0	5	4.5
7/23/14	27.4	-0.10569643	0	5	4.5
1/28/15	62	0.84419879	0	5	4.5
7/8/15	91.1	1.64309911	0.64309911	5	4.5
1/29/16	121	2.46396233	2.10706144	5	4.5
7/27/16	173	3.89155053	4.99861198	5	4.5
1/5/17	<b>186</b>	4.24844758	<b>8.24705956</b>	5	4.5
7/6/17	<b>136</b>	2.87576662	<b>10.1228262</b>	5	4.5
1/4/18	<b>155</b>	3.39738539	<b>12.5202116</b>	5	4.5
7/25/18	<b>220</b>	<b>5.18187064</b>	<b>16.7020822</b>	5	4.5
1/17/19	<b>200</b>	4.63279825	<b>20.3348805</b>	5	4.5
7/18/19	<b>140</b>	2.9855811	<b>22.3204616</b>	5	4.5
1/8/20	<b>130</b>	2.7110449	<b>24.0315065</b>	5	4.5
7/9/20	<b>106</b>	2.05215804	<b>25.0836645</b>	5	4.5
1/7/21	<b>130</b>	2.7110449	<b>26.7947094</b>	5	4.5
7/9/21	<b>97</b>	1.80507547	<b>27.5997849</b>	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 J21-1472-177**

**Compound:** **Total Zinc**  
 GA MCL (µg/l): Not Established  
 Method: Shewhart-CUSUM Control Chart

**Part 1: Check for Normality**

	GWC-11	MDL
2/28/03	<b>180</b>	20
7/23/03	<b>50</b>	20
1/6/04	ND	20
7/8/04	<b>40</b>	20
1/13/05	ND	20
7/22/05	<b>30</b>	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	<b>28</b>	20
7/8/10	<b>47</b>	20
1/7/11	Dry	20
7/7/11	<b>44</b>	20
1/5/12	ND	20
7/6/12	Dry	20
1/9/13	<b>86.1</b>	20
7/3/13	<b>34.5</b>	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	<b>29</b>	20
1/4/18	<b>41.6</b>	20
7/25/18	<b>46</b>	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	<b>46</b>	20
2/20/19	NS	20
7/18/19	<b>59</b>	20
1/8/20	<b>82</b>	20
7/9/20	<b>86.6</b>	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	<b>110</b>	20
7/9/21	<b>100</b>	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 37.4228571 \\
 SD &= 38.4341001 \\
 N &= 35 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 100303.854 \\
 \gamma_1 &= 1.84523278
 \end{aligned}$$

Since the Coefficient of Skewness of 1.85 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.18016856 \\
 SD &= 0.94011747 \\
 N &= 35
 \end{aligned}$$

$$1/N \sum_i (X_i - \bar{X})^3 = 0.33256041$$

$$\gamma_1 = 0.4180304$$

Since the Coefficient of Skewness of 0.42 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**

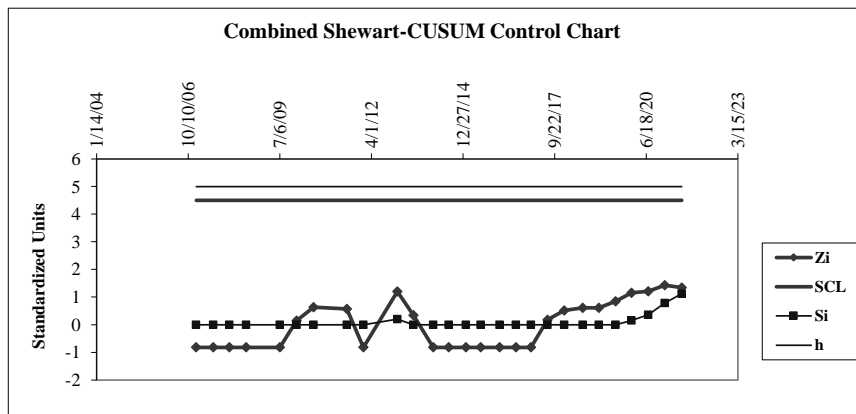
Compute the mean and standard deviation of the historical data:

- 3.17567463 =  $\bar{x}_{\text{mean}}$  (Mean of N1-N8 historical data)
- 1.06737445 =  $s$  (Standard Deviation of N1-N8 historical data)
- 1 =  $k$  (constant, reference value)
- 5 =  $h$  (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean ( $Z_i$ ) and the cumulative sum ( $S_i$ ) for each concentration.

Date	$x_i$	$Z_i$	$S_i$	$h$	SCL
			0		
1/4/07	2.30258509	-0.81797867	0	5	4.5
7/11/07	2.30258509	-0.81797867	0	5	4.5
1/3/08	2.30258509	-0.81797867	0	5	4.5
7/2/08	2.30258509	-0.81797867	0	5	4.5
7/6/09	2.30258509	-0.81797867	0	5	4.5
1/6/10	3.33220451	0.14664945	0	5	4.5
7/8/10	3.8501476	0.63189911	0	5	4.5
7/7/11	3.78418963	0.57010452	0	5	4.5
1/5/12	2.30258509	-0.81797867	0	5	4.5
1/9/13	4.45550941	1.19904948	0.19904948	5	4.5
7/3/13	3.54095932	0.34222731	0	5	4.5
2/5/14	2.30258509	-0.81797867	0	5	4.5
7/23/14	2.30258509	-0.81797867	0	5	4.5
1/28/15	2.30258509	-0.81797867	0	5	4.5
7/8/15	2.30258509	-0.81797867	0	5	4.5
1/29/16	2.30258509	-0.81797867	0	5	4.5
7/27/16	2.30258509	-0.81797867	0	5	4.5
1/5/17	2.30258509	-0.81797867	0	5	4.5
7/6/17	3.36729583	0.17952575	0	5	4.5
1/4/18	3.72810017	0.51755551	0	5	4.5
7/25/18	3.8286414	0.61175041	0	5	4.5
1/17/19	3.8286414	0.61175041	0	5	4.5
7/18/19	4.07753744	0.84493573	0	5	4.5
1/8/20	4.40671925	1.15333903	0.15333903	5	4.5
7/9/20	4.46129982	1.20447438	0.35781341	5	4.5
1/7/21	4.70048037	1.42855746	0.78637087	5	4.5
7/9/21	4.60517019	1.33926341	1.12563428	5	4.5

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 J21-1472-177**

**Compound:** Total Zinc  
 GA MCL (µg/l): Not Established  
 Method: Shewhart-CUSUM Control Chart

**Part 1: Check for Normality**

	<b>GWC-29</b>	<b>MDL</b>
10/8/18	ND	20
11/20/18	<b>55</b>	20
1/17/19	ND	20
2/20/19	<b>57.3</b>	20
7/18/19	<b>23</b>	20
1/8/20	ND	20
7/9/20	<b>23.7</b>	20
8/10/20	NS	20
9/16/20	NS	20
10/19/20	NS	20
1/7/21	<b>23</b>	20
7/9/21	<b>41</b>	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 28.1111111 \\
 SD &= 18.6978237 \\
 N &= 9 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 3141.772 \\
 \gamma_1 &= 0.57349583
 \end{aligned}$$

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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.12371385 \\
 SD &= 0.70784492 \\
 N &= 9 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.00274121 \\
 \gamma_1 &= 0.00922266
 \end{aligned}$$

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
10/8/18	ND	20	10
11/20/18	<b>55</b>	20	55
1/17/19	ND	20	10
2/20/19	<b>57.3</b>	20	57.3
7/18/19	<b>23</b>	20	23
1/8/20	ND	20	10
7/9/20	<b>23.7</b>	20	23.7
8/10/20	NS	20	-
9/16/20	NS	20	-
10/19/20	NS	20	-
1/7/21	<b>23</b>	20	23
7/9/21	<b>41</b>	20	41

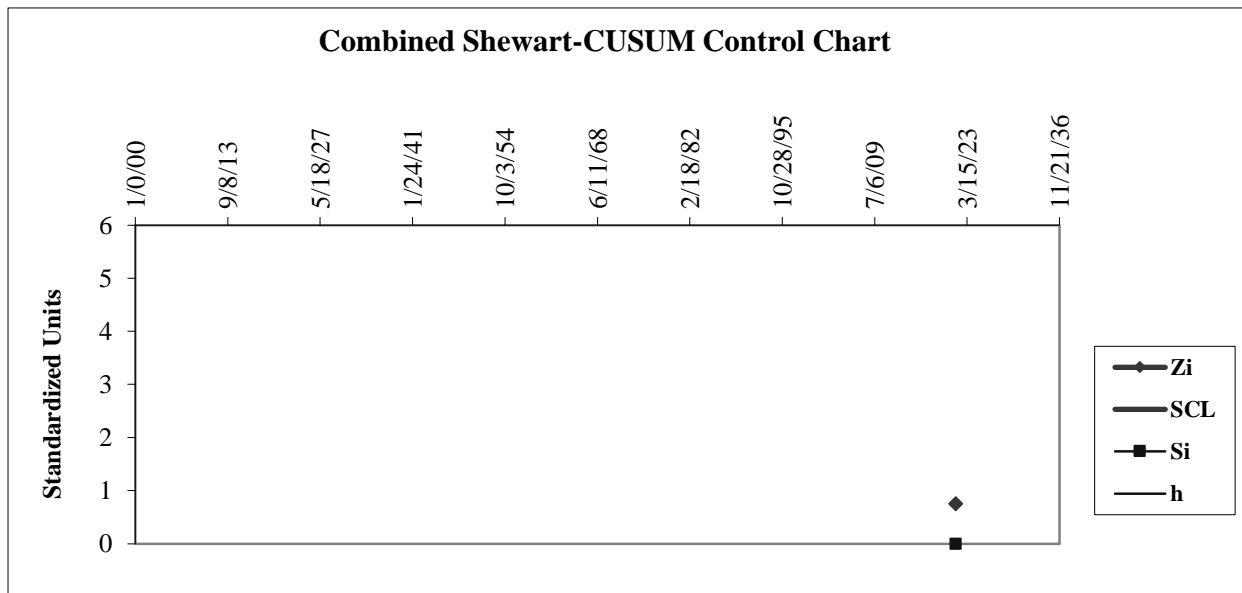
Compute the mean and standard deviation of the historical data:

- 26.5 =  $x_{\text{mean}}$  (Mean of N1-N8 historical data)
- 19.3094351 =  $s$  (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
7/9/21	41	0.75092823	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 J21-1472-177**

**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



- 1) Rank the  $N = 36$  observations from the smallest to the largest from background wells and compliance well CWC-11.

$$\begin{aligned} n &= 20 \\ m &= 16 \\ N &= 36 \\ C_i \text{ (CWC-11)} &= 394.0 \end{aligned}$$

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

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

$$W = 184$$

- 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:

$$SD(W) = 15.055$$

- 4) Form the appropriate  $Z$ -score.

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

$$Z = 1.561$$

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

$$Z = 1.561$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177**

**Compound:** Benzene  
**MCL (µg/l):** 5  
**Method:** Wilcoxon Rank Sum (intrawell)

	<b>GWC-12R (BG)</b>	<b>CWC-12R</b>	<b>MDL</b>
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

Benzene (IntraWil C-12R)

- 1) Rank the  $N = 31$  observations from the smallest to the largest from background wells and compliance well CWC-12R.

$$\begin{aligned} n &= 15 \\ m &= 16 \\ N &= 31 \\ C_i \text{ (CWC-12R)} &= 320.0 \end{aligned}$$

- 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  $W$ .

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

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

$$E(W) = 120$$

Adjustment for tie values:

$$SD(W) = 20.998$$

- 4) Form the appropriate  $Z$ -score.

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

$$Z = 3.786$$

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

$$Z = 3.786$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177**

**Compound:** Benzene  
**MCL (µg/l):** 5  
**Method:** Wilcoxon Rank Sum  
**Background:** MCL/AGWPS

	<b>MCL/AGWPS</b>	<b>GWC-12/12R</b>	<b>MDL</b>
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

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1) Rank the  $N = 62$  observations from the smallest to the largest from background wells and compliance well GWC-12/12R.

$$\begin{aligned}n &= 31 \\m &= 31 \\N &= 62 \\C_i \text{ (GWC-12/12R)} &= 496.0\end{aligned}$$

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

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

$$W = 0$$

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

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

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

$$E(W) = 480.5$$

Adjustment for tie values:

$$SD(W) = 64.954$$

4) Form the appropriate  $Z$ -score.

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

$$Z = -7.405$$

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

$$Z = -7.405$$

$$Z_{0.01} = 2.326$$

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 J21-1472-177

Compound: Carbon Disulfide  
 GA MCL (µg/l): Not Established  
 Method: Non-Parametric Prediction Limits  
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/H	GWC-11	GWC-12/2R	GWC-13/1R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL			
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/23/03	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	ND	5	
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	5	
07/06/09	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	NP	NP	NP	5	
01/06/10	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	5	
07/08/10	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	NP	NP	NP	5	
01/07/11	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	5	
07/07/11	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	5	
01/05/12	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	5	
07/06/12	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	5	
01/09/13	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	NP	NP	NP	5	
07/03/13	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	NP	NP	NP	5	
02/05/14	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	NP	NP	NP	5	
07/23/14	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	NP	NP	NP	5	
01/28/15	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	NP	NP	NP	5	
07/08/15	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	NP	NP	NP	5	
01/29/16	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	NP	NP	NP	5	
07/27/16	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	NP	NP	NP	5	
01/05/17	ND	ND	Dry	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	5	
07/06/17	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	NP	NP	NP	5	
01/04/18	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	NP	NP	NP	5	
07/25/18	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	NP	NP	NP	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	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	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	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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
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

- 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' = 42.
- 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) 'm' = 2.

n = 84  
 PL = 9  
 m = 3  
 false positive rate (α) = 0.03

	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/H	GWC-11	GWC-12/12	GWC-13/1E	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
C =	2.5																													

Eagle Point MSW Landfill  
 Forsyth County, Georgia  
 BLE Project Number J21-1472-177

Compound: Chloroform  
 GA MCL (µg/l): Not Established  
 Method: Non-Parametric Prediction Limits  
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/H	GWC-11	GWC-12/R	GWC-13/R	GWC-14/R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL			
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	ND
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/09	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	
07/06/09	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	
01/06/10	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	
07/08/10	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	
01/07/11	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	
07/07/11	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	
01/05/12	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	
07/06/12	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	
01/09/13	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	
07/03/13	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	
02/05/14	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	
07/23/14	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	
01/28/15	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	
07/08/15	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	
01/29/16	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	
07/27/16	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	
01/05/17	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	
07/06/17	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	
01/04/18	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	
07/25/18	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	
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/17/19	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	
02/20/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/18/19	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	
01/08/20	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	
07/09/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
08/10/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
09/16/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
10/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/07/21	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	
07/09/21	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	

- 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' = 42.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 1.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'm' = 2.

$$n = 84$$

$$PL = 1$$

$$m = 3$$

$$\text{false positive rate } (\alpha) = 0.03$$

C =	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/H	GWC-11	GWC-12/R	GWC-13/R	GWC-14/R	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
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Eagle Point MSW Landfill  
 Forsyth County, Georgia  
 BLE Project Number J21-1472-177

Compound: Cis 1,2-Dichloroethene  
 GA MCL (µg/l): 70  
 Method: Non-Parametric Prediction Limits  
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL			
03/02/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	2	
07/06/09	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	NP	NP	NP	2	
01/06/10	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	NP	NP	NP	2	
07/08/10	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	NP	NP	NP	2	
01/07/11	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	2	
07/07/11	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	NP	NP	NP	2	
01/05/12	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	2	
07/06/12	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	2	
01/09/13	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	NP	NP	NP	NP	2
07/03/13	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	NP	NP	NP	NP	2
02/05/14	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	NP	NP	NP	NP	2
07/23/14	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	NP	NP	NP	NP	2
01/28/15	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	NP	NP	NP	NP	2
07/08/15	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	NP	NP	NP	NP	2
01/29/16	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	NP	NP	NP	NP	2
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	2
01/05/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	2
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.4	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	2
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.4	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	2
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	2
10/02/18	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	NP	NP	NP	NP	NP	2
10/08/18	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	NP	NP	NP	NP	NP	2
11/20/18	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	NP	NP	NP	NP	NP	2
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	2
02/20/19	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	NP	NP	NP	NP	NP	2
07/18/19	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	NP	NP	NP	NP	2
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	2
07/09/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.3	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	2
08/10/20	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	NP	NP	NP	NP	NP	2
09/16/20	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	NP	NP	NP	NP	NP	2
10/19/20	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	NP	NP	NP	NP	NP	2
01/07/21	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	NP	NP	NP	NP	2
07/09/21	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	NP	NP	NP	NP	2

- 1) If not detected (ND), use half of the detection limit.
- 2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 42.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 1.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'm' = 2.

n = 84  
 PL = 1  
 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-
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