

REPORT OF GROUNDWATER ANALYTICAL RESULTS & STATISTICAL ANALYSIS

SECOND SEMI-ANNUAL SAMPLING EVENT OF 2020 (N40)

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



**Advanced
Disposal**

Prepared For:

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

BLE Project Number J20-1472-171
HHNT Project Number 1210-010-03

November 2, 20



BLE

**BUNNELL
LAMMONS
ENGINEERING**

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November 2, 2020

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

Attention: Mr. Scott Mann

Subject: **Report of Groundwater Analytical Results & Statistical Analysis,
Second Semi-Annual Sampling Event of 2020 (N40)
Eagle Point MSW Landfill
Forsyth County, Georgia
Solid Waste Permit Number 058-012D (MSWL)
BLE Project Number J20-1472-171
HHNT Project Number 1210-010-03**

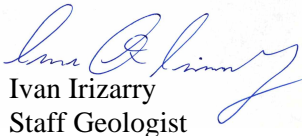
Dear Mr. Mann:

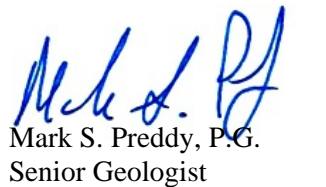
As authorized, Bunnell-Lammons Engineering, Inc. (BLE) has performed the statistical analysis of groundwater quality data obtained during sampling event N40 at the Eagle Point MSW Landfill in Forsyth County, Georgia. The enclosed report describes the work performed and presents the results obtained. 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 Irizarry
Staff Geologist


Mark S. Preddy, P.G.
Senior 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 2020. Additionally, this is the:

- N7 sampling event for wells GWC-24, GWC-25, and GWC-26 (installed in May 2018 for Cell No. 15).
- N7 sampling event for wells GWC-27, GWC-28, and GWC-29 (installed in September 2018 for the Leachate Pond).
- N1 sampling event for wells GWC-22 and GWC-23 (installed in July 2020 for Cell No. 16B).

A total of 40 semi-annual sampling events have been performed between March 2002 and July 2020.

2.0 FIELD ACTIVITIES, SAMPLING, AND ANALYSIS

Semi-annual groundwater, underdrain, and surface water sampling for event N40 was performed on July 6-9, 2020. The sampling activities were performed by Environmental Monitoring Services, Inc. (EMS) of Woodstock, Georgia and analyzed by Eurofins Xenco (Xenco) of Norcross, 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 Xenco 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 Xenco 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 Xenco 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 5 of the 9 surface water locations that are sampled semi-annually. Surface water samples SWC-2, 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-10, 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, 2020 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 (14 wells), total cobalt (3 wells), total selenium (1 well), total zinc (5 wells), benzene (2 wells), and cis 1,2-dichloroethene (1 well) were detected in the groundwater samples during event

N40. None of the detected concentrations were above Georgia’s primary groundwater maximum contaminant levels (MCL) ¹. Summary tables of current and historic sampling events are included in **Appendix B**.

4.2 Underdrain Results

Concentrations of total arsenic (SWC-5, SWC-6, and SWC-7) and total barium (SWC-5 and SWC-6) were detected in the water samples collected from the underdrain locations during the N40 semi-annual sampling event. The concentrations of total arsenic were above the Georgia primary MCL at 3 locations; 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, and total barium were detected in the surface water locations sampled during event N40. None of the collected field measurement or parameters detected exceeded an established surface water maximum/minimum in-stream water quality standard (ISWQS) ². Summary tables and charts of current and historic sampling events are included in **Appendix D**.

5.0 STATISTICAL METHODS PERFORMED

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

1. If less than 15% of the data were not detected, and if the data were normally distributed and homogeneous, then one-way parametric analysis of variance (ANOVA) was performed. If the data were not normally distributed and homogeneous, then a non-parametric type test was used (Kruskal-Wallis);
2. If 15% to 90% of the data were not detected, the one-way non-parametric ANOVA Kruskal-Wallis rank-sum test was performed;
3. Alternatively, if greater than 50% of the data were not detected, non-parametric Prediction Limits were performed, or if less than 50% of the data were not detected, Normal Prediction Limits were performed;
4. Wilcoxon rank-sum tests were performed, as needed, for those wells that failed the initial parametric ANOVA, Kruskal-Wallis, or Prediction Limits tests; and

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

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

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

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

6.0 SUMMARY OF STATISTICAL RESULTS

The statistical analysis was performed on constituents that have been historically detected and have been detected during the current sampling event. Statistical results summarized on **Table 3** and included in **Appendix E** indicate that:

- The interwell and intrawell statistical tests did not calculate SSIs for total arsenic, total beryllium, total cadmium, total chromium, total copper, total lead, total nickel, total vanadium, carbon disulfide, and chloroform did not calculate SSIs.
- The interwell and intrawell statistical tests did calculate SSIs for total barium (GWC-6, GWC-8, GWC-9, and GWC-11), total cobalt (GWC-9 and GWC-12R), total selenium (GWC-11), total zinc (GWC-9), benzene (GWC-12R), and cis 1,2-dichloroethene (GWC-12R).
- Although not calculated as statistically significant, benzene in well GWC-11 is also considered statistically significant based on the “Double Quantification Rule” in the EPA’s Unified Guidance (March 2009) for non-naturally occurring VOCs.

7.0 CONCLUSIONS

During the July 2020 semi-annual sampling event (N40), laboratory concentrations of various inorganic constituents and field parameters were detected in the groundwater, underdrain, and surface water samples. Two VOC’s were detected including benzene in wells GWC-11 and GWC-12R and cis 1,2-dichloroethene in well GWC-12R. However, the concentrations were not above their respective Georgia MCL. The only constituent detected exceeding a Georgia MCL or ISWQS was total arsenic at underdrain locations SWC-5, SWC-6, and SWC-7.

Total metal SSIs included total barium (GWC-6, GWC-8, GWC-9, and GWC-11), total cobalt (GWC-9 and GWC-12R), total selenium (GWC-11), and total zinc (GWC-9). Concentrations of total metals are routinely detected in the groundwater samples collected at the site. The most likely source of the concentrations of the total metals is from their natural occurrence within the geologic formation material contained in the residual soils and bedrock underlying the site (i.e. alternative source). The GEPD required an alternative source demonstration (ASD) for the past detections of total cobalt; consequently, BLE prepared an ASD report³, which was approved by the GEPD on November 24, 2015. Although the ASD was prepared for historic detections of total cobalt, the ASD report also included pervasive detections of other naturally occurring

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

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

The only VOC SSIs were benzene and cis 1,2-dichloroethene in well GWC-12R and both detections during the current sampling event were below their Georgia MCLs. 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. *Appendix II* sampling is performed on an annual basis. Although not calculated as an SSI, benzene in well GWC-11 is also considered statistically significant based on the “Double Quantification Rule”. Assessment monitoring should be initiated for GWC-11. GWC-11 will be sampled initially for the GEPD *Appendix II* list of parameters and those results will be submitted with the next semi-annual report. AGWPS will be established for all detected parameters in that well following this initial *Appendix II* sampling event, if required. Also, we would like to request GWC-11 be added to the existing subset of wells (GWA-1, GWA-2, and GWC-12R) to be monitored annually in July for the GEPD *Appendix II* list of parameters.

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

8.0 STATEMENT OF CERTIFICATION

I, 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 total arsenic in underdrain locations SWC-5, SWC-6, and SWC-7. This certification is based on the field sampling and analytical information provided to us by the sampling contractor.

The facility is currently in Assessment Monitoring (as of July 2017) (GEPD Rule 391-3-4-.14(29)) because the benzene and cis 1,2-dichloroethene concentrations are statistically significant, but statistically below the groundwater protection standard in well GWC-12R. Assessment monitoring should be initiated for GWC-11.

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

TABLES

TABLE 2

RANGE OF GROUNDWATER FLOW VELOCITIES
Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J20-1472-171

July 6, 2020	Hydraulic Conductivity			Hydraulic Grad. (ft/ft)	Effective Porosity	Flow Vel. (ft/day)	Flow Vel. (ft/year)
	K(ft/min)	K(cm/sec)	K(ft/day)				
High Flow Velocity Estimate	9.4E-03	4.8E-03	14	0.21	20%	1.4E+01	5162
Low Flow Velocity Estimate	4.4E-05	2.2E-05	0.063	0.016	40%	2.6E-03	0.9
Geometric Mean Flow Velocity	6.4E-04	3.3E-04	0.92	0.058	28%	1.9E-01	69.7

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.

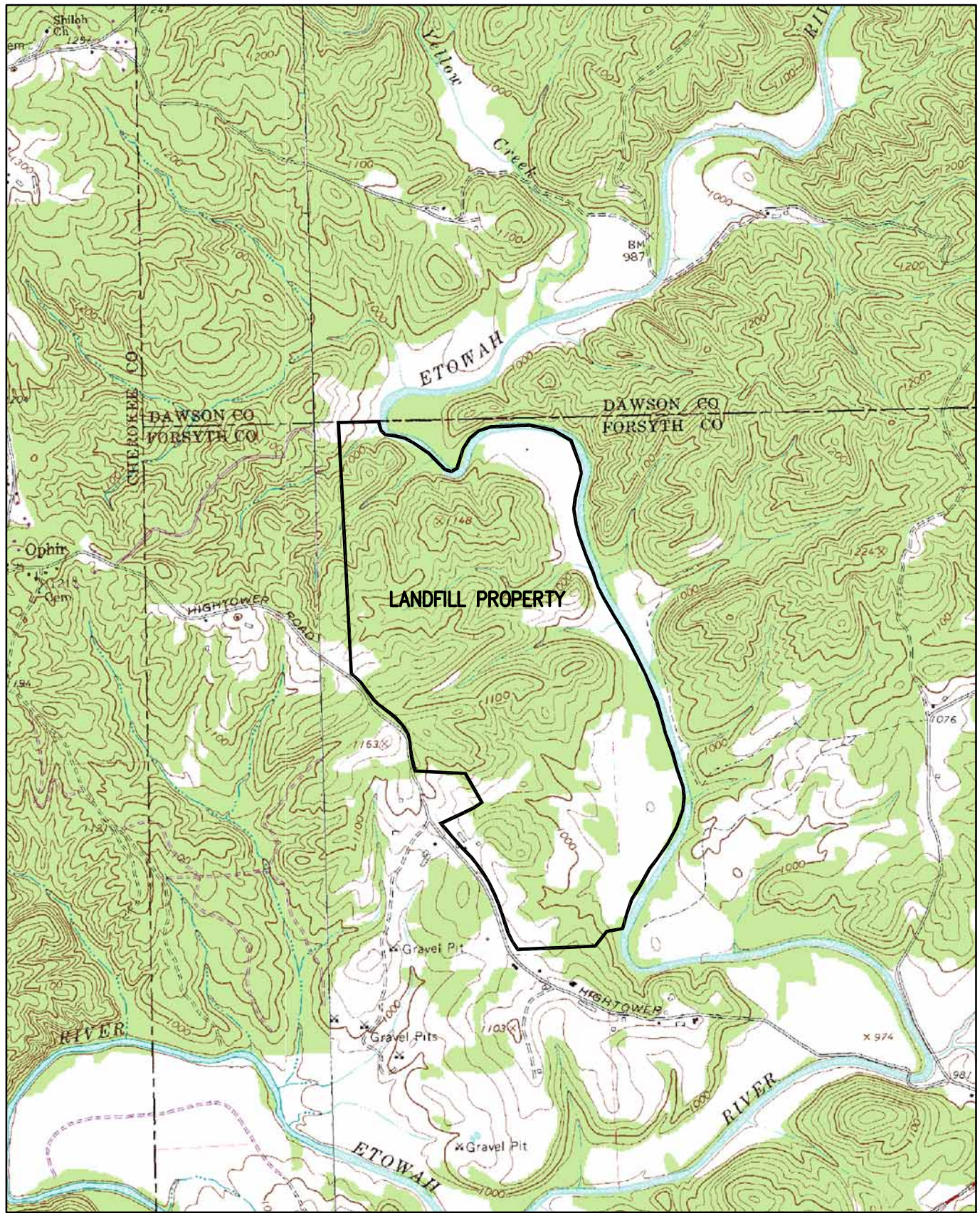
TABLE 3
SUMMARY OF STATISTICAL ANALYSIS RESULTS
Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J20-1472-171

Chemical/ Compound	Percent ND	Interwell Statistical Test	Interwell Pass/Fail	Intrawell Statistical Test	Intrawell Pass/Fail	SSI Calculated Offending Compliance Wells	SSI Based on "Double Quantification Rule" ⁽⁷⁾ Offending Compliance Wells	ASD Completed	Is current SSI concentration statistically above GWPS?	Monitoring Status
Total Arsenic	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Barium	38%	Kruskal-Wallis	Fail	Shewhart-CUSUM, Wilcoxon, or Kendell-Mann	Fail	Yes (GWC-6, GWC-8, GWC-9, and GWC-11)	-	Yes⁶	NA⁶	Detection
Total Beryllium	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Cadmium	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Chromium	95%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Cobalt	97%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-9 and GWC-12R)	-	Yes⁶	NA⁶	Detection
Total Copper	97%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Lead	99%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Nickel	98%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Selenium	98%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-11)	-	Yes⁶	NA⁶	Detection
Total Vanadium	95%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Total Zinc	79%	Kruskal-Wallis	Fail	Shewhart-CUSUM, Wilcoxon, or Kendell-Mann	Fail	Yes (GWC-9)	-	Yes⁶	NA⁶	Detection
Benzene	99%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-12R)	Yes (GWC-11)	No	No	Assessment
Carbon Disulfide	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Chloroform	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	-	Detection
Cis 1,2-dichloroethene	99%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-12R)	-	No	No	Assessment

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.

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CHECKED:	MSP	CAD:	EAGPNTLF171-SLM
APPROVED:		JOB NO.:	J20-1472-171

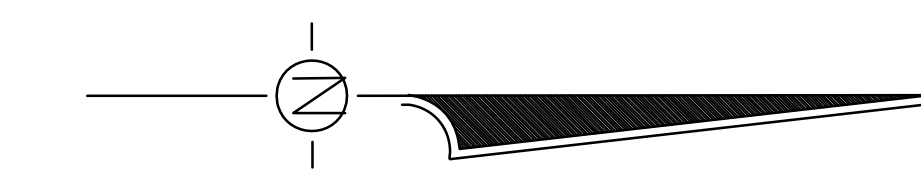
BLE | **BUNNELL LAMMONS ENGINEERING**

6004 Ponders Court, Greenville, SC 29615
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SITE LOCATION MAP
 EAGLE POINT MSW LANDFILL
 FORSYTH COUNTY, GEORGIA

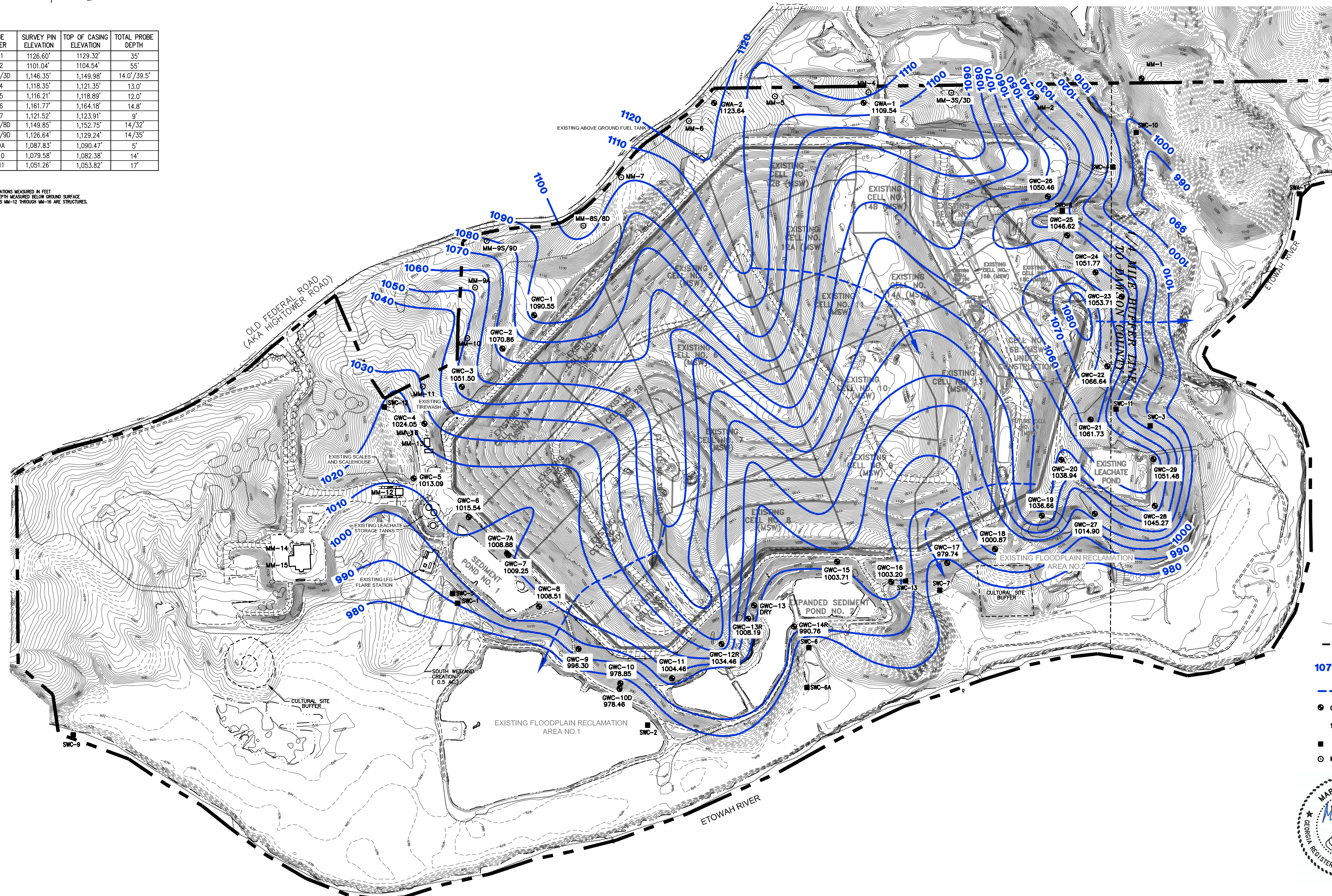
FIGURE

1

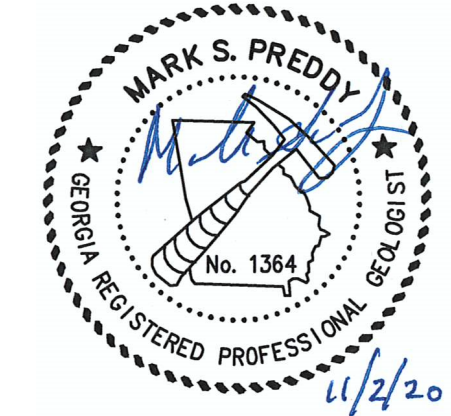


PROBE NUMBER	SURVEY PIN ELEVATION	TOP OF CASING ELEVATION	TOTAL PROBE DEPTH
MM-1	1126.60'	1129.32'	35'
MM-2	1101.04'	1104.54'	55'
MM-3S/3D	1,146.35'	1,149.98'	14.0'/39.5'
MM-4	1,118.35'	1,121.35'	13.0'
MM-5	1,116.21'	1,118.89'	12.0'
MM-6	1,161.77'	1,164.18'	14.8'
MM-7	1,121.52'	1,123.91'	9'
MM-8S/8D	1,149.85'	1,152.75'	14/32'
MM-9S/9D	1,126.64'	1,129.24'	14/35'
MM-9A	1,087.83'	1,090.47'	5'
MM-10	1,079.58'	1,082.38'	14'
MM-11	1,051.26'	1,053.82'	17'

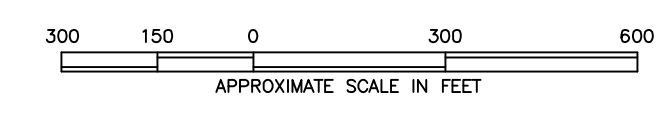
- NOTES:
1. ALL ELEVATIONS MEASURED IN FEET
 2. PROBE DEPTH MEASURED BELOW GROUND SURFACE
 3. LOCATIONS MM-12 THROUGH MM-16 ARE STRUCTURES



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



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



No.	REVISIONS DESCRIPTION	BY

DRAWN: IAI	DATE: 11-02-20
CHECKED: RLB	CAD FILE: EAGPNTLF171-POT070620
APPROVED: MSP	JOB NO: J20-1472-171

BLE BUNNELL LAMMONS ENGINEERING
 6004 Ponders Court, Greenville, SC 29615
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WATER TABLE ELEVATION CONTOUR MAP - JULY 6, 2020
 EAGLE POINT MSW LANDFILL
 FORSYTH COUNTY, GEORGIA

APPENDIX A
Laboratory Analytical Results

*EM*Services

Environmental Monitoring Services, LLC

Phone (770) 823-7174

July 15, 2020

Advanced Disposal Services
Michael Stowe
300 Colonial Center Pkwy, Suite 230
Roswell, GA 30076

RE: Eagle Point Landfill Semi-Annual Sampling Event

Michael,

On July 6th – 9th, we completed the semi-annual groundwater and surface water monitoring at the referenced site. The points sampled and their respective analyses are:

GWC-1, 2, 3, 4, 5, 6, 7, 7A, 8, 9, 10D, 11, 13R, 14R, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, Field Blank, Trip Blank (VOC only)	GA App I VOC (8260B only)/Metals
GWA-1, 2, GWC-12R	Full App II [VOC (8260/8011), Metals, BN/A, Pest/PCB, Herb, CN, Sulfide]
GWC-10, 13	Water Level Only
SWC-1, 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-2, 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 6th to ensure a representative potentiometric map. The water level indicator was cleaned in between each well using a Liquinox soap solution followed by a water rinse.

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

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

The samples were collected in containers provided by the laboratory. These containers were of types, sizes and preserved in a manner consistent with SW-846 and other guidance. Upon filling, the containers were placed on ice. The samples were hand-delivered under chain of custody to Pace Analytical located in Peachtree Corners, 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

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWA-1
 Date 7/6/2020
 DTW¹ 4.16
 DTB² 28.10
 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 = 1543 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (μS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1549	5.34	210	0.33	5.70	11	18.9	3	5.00	184
1553	5.34	210	0.55	5.30	10	18.7	3	4.88	184
1557	5.34	210	0.77	5.24	10	18.5	4	4.81	181
1601	5.34	210	0.99	5.21	10	18.2	5	4.86	179

Comments
Clear, no odor

Field Tech: Nick Walker, Daniel Cantu

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

EM Services

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWA-2
 Date 7/6/2020
 DTW¹ 29.28
 DTB² 50.09
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Full App II

Purge Start Time = 1146 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1155	30.15	180	0.43	5.58	23	17.3	5	8.22	206
1159	30.15	180	0.62	5.51	23	17.3	3	8.41	208
1203	30.15	180	0.81	5.52	23	17.4	4	8.33	207
1207	30.15	180	1.00	5.52	22	17.4	2	8.29	208

Comments
Clear, no odor

Field Tech: D. Cantu

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

EM Services

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-2
 Date 7/7/2020
 DTW¹ 29.36
 DTB² 41.44
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1016 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1022	30.01	210	0.33	5.22	29	17.8	40	7.01	147
1026	30.01	210	0.55	5.27	22	18.0	49	7.19	141
1030	30.01	210	0.77	5.27	19	18.0	43	7.23	139
1034	30.01	210	0.99	5.30	19	18.0	59	7.68	136
1038	30.01	210	1.21	5.31	19	18.3	27	8.40	127
1042	30.01	210	1.43	5.34	18	18.5	22	8.76	127
1046	30.01	210	1.65	5.37	17	18.4	18	8.81	126
1050	30.01	210	1.87	5.40	16	18.3	14	8.56	126
1054	30.01	210	2.09	5.41	16	18.3	10	8.69	125

Comments
Clear, no odor

Field Tech: N. Walker

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

EM Services

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-3
 Date 7/7/2020
 DTW¹ 21.34
 DTB² 46.90
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 0941 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
0951	21.61	200	0.53	25.24	43	16.8	4	8.22	175
0955	21.61	200	0.74	5.19	31	16.6	4	8.49	170
0959	21.61	200	0.95	5.18	30	16.6	3	8.64	167
1003	21.61	200	1.16	5.17	29	16.6	3	8.90	164

Comments
Clear, no odor

Field Tech: N. Walker

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

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-6
 Date 7/6/2020
 DTW¹ 24.80
 DTB² 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 = 1245 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1251	24.92	200	0.32	5.27	62	21.5	3	0.49	133
1255	24.92	200	0.53	5.26	62	21.6	3	0.40	132
1259	24.92	200	0.74	5.29	62	21.6	2	0.33	131
1303	24.92	200	0.85	5.30	62	21.6	4	0.31	130

Comments
Clear, no odor

Field Tech: N. Walker

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

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-7A
 Date 7/8/2020
 DTW¹ 27.13
 DTB² 50.80
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1021 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (μS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1031	27.89	250	0.66	6.36	80	19.8	11	6.85	177
1035	27.89	250	0.92	6.31	78	19.4	7	7.57	180
1039	27.89	250	1.18	6.33	78	19.5	5	7.68	180
1043	27.89	250	1.44	6.36	77	19.5	5	7.75	180

Comments
Clear, no odor

Field Tech: D. Cantu

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

EM Services

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-8
 Date 7/7/2020
 DTW¹ 15.47
 DTB² 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 = 1035 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (μS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1042	16.03	180	0.33	4.72	88	18.3	4	0.34	239
1046	16.03	180	0.52	4.72	89	18.2	4	0.30	242
1050	16.03	180	0.71	4.71	89	18.2	3	0.27	244
1054	16.03	180	0.90	4.72	89	18.1	2	0.24	246

Comments
Clear, no odor

Field Tech: D. Cantu

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

EM Services

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-9
 Date 7/6/2020
 DTW¹ 13.40
 DTB² 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 = 1151 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1157	13.65	260	0.41	4.23	353	20.3	3	0.57	200
1201	13.65	260	0.68	4.16	345	19.9	2	0.30	195
1205	13.65	260	0.95	4.15	336	19.9	3	0.28	193
1209	13.65	260	1.17	4.15	328	19.8	2	0.25	191
1213	13.65	260	1.44	4.15	327	20.1	2	0.21	190
1217	13.65	260	1.71	4.14	326	20.0	2	0.22	189

Comments
Clear, slight odor

Field Tech: N. Walker

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

EM Services

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-13R
 Date 7/8/2020
 DTW¹ 27.51
 DTB² 37.94
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 0951 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
0957	27.82	200	0.32	6.08	116	17.9	3	6.01	138
1001	27.82	200	0.53	6.01	97	17.1	3	6.28	135
1005	27.82	200	0.74	5.98	96	16.7	3	6.32	133
1009	27.82	200	0.95	5.97	95	16.5	2	6.34	132

Comments
Clear, no odor

Field Tech: N. Walker

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

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Field Data Sheet

Client Advanced Disposal Services

Site Eagle Point Landfill

Well ID GWC-15

Date 7/8/2020

DTW¹ 41.20

DTB² 46.35

1 Well Volume (DTB - DTW) * 0.163 = 0.84

3 Well Volumes 1 WV * 3 = 2.52

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)
1031	1.00	5.29	60	19.1	5	1.34	152

Metals sample collection if allowed to settle:

Date: _____ Time: _____ NTU: _____

Comments
Clear, no odor, purged dry

Field Tech: N. Walker

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

² Depth to bottom of casing measured from top of casing

EM Services

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-16
 Date 7/7/2020
 DTW¹ 17.11
 DTB² 24.62
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump for Metals, Straw Method/Reverse Flow for VOC's
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1152 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1201	17.81	160	0.38	5.50	61	18.0	36	8.64	153
1205	17.81	160	0.55	5.46	75	17.5	37	7.87	157
1209	17.81	160	0.72	5.41	94	17.8	36	7.83	159
1213	17.81	160	0.89	5.38	106	18.1	22	7.52	161
1217	17.81	160	1.06	5.36	116	17.9	16	7.60	163
1221	17.81	160	1.23	5.36	118	18.0	15	7.50	164
1225	17.81	160	1.40	5.35	118	17.7	10	7.53	165

Comments
Clear, no odor

Field Tech: D. Cantu

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

EM Services

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-17
 Date 7/8/2020
 DTW¹ 44.75
 DTB² 54.75
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1043 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (μS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1049	45.03	210	0.33	5.37	84	18.6	5	2.05	142
1053	45.03	210	0.55	5.36	84	18.8	5	2.40	140
1057	45.03	210	0.77	5.36	84	18.9	5	2.45	139
1101	45.03	210	0.99	5.37	83	18.9	5	2.51	139

Comments
Clear, slight odor

Field Tech: N. Walker

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

EM Services

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-18
 Date 7/8/2020
 DTW¹ 37.28
 DTB² 49.29
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1112 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1118	37.61	280	0.44	5.34	26	18.2	6	7.02	141
1122	37.61	280	0.74	5.30	25	17.9	6	6.81	143
1126	37.61	280	1.04	5.27	24	17.8	5	6.77	145
1130	37.61	280	1.34	5.25	24	17.6	5	6.69	146

Comments
Clear, no odor

Field Tech: N. Walker

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

EM Services

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Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-20
 Date 7/7/2020
 DTW¹ 96.10
 DTB² 112.41
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1306 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (μS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1312	96.36	200	0.32	5.93	159	18.4	5	1.51	87
1316	96.36	200	0.53	6.39	131	17.5	3	1.30	84
1320	96.36	200	0.74	6.44	129	17.4	3	1.38	85
1324	96.36	200	0.95	6.48	128	17.4	2	1.45	85

Comments
Clear, no odor

Field Tech: N. Walker

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

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-22
 Date 7/8/2020
 DTW¹ 69.46
 DTB² 81.06
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1147 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (μS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1156	69.59	150	0.36	5.85	18	16.0	3	8.31	197
1200	69.59	150	0.52	5.78	20	17.1	3	6.81	187
1204	69.59	150	0.68	5.83	20	19.4	2	6.78	179
1208	69.59	150	0.84	5.82	20	19.3	2	6.73	183

Comments
Clear, no odor

Field Tech: D. Cantu

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

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-28
 Date 7/7/2020
 DTW¹ 59.80
 DTB² 71.81
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1207 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1213	59.92	240	0.38	5.69	40	17.7	2	6.63	123
1217	59.92	240	0.63	5.79	40	17.4	2	6.74	121
1221	59.92	240	0.88	5.81	39	17.4	2	6.72	120
1225	59.92	240	1.13	5.85	39	17.3	2	6.90	119

Comments
Clear, no odor

Field Tech: N. Walker

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

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client	Advanced Disposal Services
Site	Eagle Point Landfill
ID	Field Blank
Date	7/9/2020
Time	1310
Parameters	Appendix I VOCs / Metals

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

Field Tech: N. Walker

EM Services

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Field Data Sheet

Client Advanced Disposal Services
Site Eagle Point Landfill
Sample Method Directly into bottles
Parameters Appendix I VOCs / Metals

Surface Water ID	Date	Time	pH	SC ($\mu\text{S}/\text{cm}$)	T ($^{\circ}\text{C}$)	Turbidity (NTU)	Comments
SWC-1	7/9/2020	1106	6.05	246	27.3	22	Cloudy, slight odor, good flow
SWC-2	7/9/2020	1112	-	-	-	-	Point dry
SWC-4	7/9/2020	1220	-	-	-	-	Point dry
SWC-5	7/6/2020	1334	5.60	167	22.1	29	Cloudy, slight odor, low flow
SWC-6	7/9/2020	1121	5.85	159	28.1	8	Clear, slight odor, good flow
SWC-7	7/9/2020	1132	5.69	137	24.7	6	Clear, slight odor, good flow
SWC-8	7/9/2020	1211	6.02	87	24.5	6	Clear, no odor, good flow
SWC-10	7/9/2020	1232	6.14	93	22.9	8	Clear, no odor, good flow
SWC-11	7/9/2020	1141	-	-	-	-	Point dry
SWC-12	7/9/2020	1051	6.64	76	18.1	15	Clear, no odor, very low flow
SWC-13	7/9/2020	1126	-	-	-	-	Point dry

Field Tech: N. Walker

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Field Data Sheet

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

Surface Water ID	Date	Time	pH	SC ($\mu\text{S}/\text{cm}$)	T ($^{\circ}\text{C}$)	Turbidity (NTU)	DO (mg/L)	Comments
SWA-1	7/9/2020	1151	6.24	29	22.7	8	8.23	Clear, no odor, good flow
SWC-9	7/6/2020	1423	6.16	30	23.6	9	7.69	Clear, no odor, good flow

Field Tech: N. Walker

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Client Advanced Disposal Services
Site Eagle Point Landfill
Date 7/6/2020

Well	DTW ¹	DTB ¹
GWA-1	4.16	28.10
GWA-2	29.28	50.09
GWC-1	16.72	34.90
GWC-2	29.36	41.44
GWC-3	21.34	46.90
GWC-4	15.20	38.56
GWC-5	9.62	23.19
GWC-6	24.80	37.54
GWC-7	26.52	91.33
GWC-7A	27.13	50.80
GWC-8	15.47	36.43
GWC-9	13.40	24.35
GWC-10	26.81	36.55
GWC-10D	14.21	36.30
GWC-11	25.69	41.17
GWC-12R	8.95	29.79
GWC-13	Dry	23.05

Well	DTW ¹	DTB ¹
GWC-13R	27.51	37.94
GWC-14R	23.70	34.89
GWC-15	41.20	46.35
GWC-16	17.11	24.62
GWC-17	44.75	54.75
GWC-18	37.28	49.29
GWC-19	48.12	55.18
GWC-20	96.10	112.41
GWC-21	23.94	29.91
GWC-22	69.46	81.06
GWC-23	73.42	98.15
GWC-24	77.55	90.34
GWC-25	32.05	58.58
GWC-26	26.06	43.66
GWC-27	39.83	53.75
GWC-28	59.80	71.81
GWC-29	50.25	62.74

¹ Measured in feet from Top of Casing

Analytical Report 666827

for

Advanced Disposal

Project Manager: Michael Stowe

Eagle Point Landfill

058-012D(SL)

07.20.2020

Collected By: Client



1600 Oakbrook Dr., Suite 565, Norcross, GA 30093

Ph:(770) 449-8800

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-36), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-25), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-17)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-22)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-7)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

07.20.2020

Project Manager: **Michael Stowe**

Advanced Disposal

300 Colonial Center Pkwy

Suite 230

Roswell, GA 30076

Reference: Eurofins Xenco, LLC Report No(s): **666827**

Eagle Point Landfill

Project Address: Ball Ground, GA

Michael Stowe:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 666827. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 666827 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,



John Andros

Lab Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

*Client Name: Advanced Disposal**Project Name: Eagle Point Landfill*Project ID: 058-012D(SL)
Work Order Number(s): 666827Report Date: 07.20.2020
Date Received: 07.09.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3131788 Appendix I VOCs by SW-846 8260B

Lab Sample ID 666827-011 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Bromomethane, Vinyl Acetate recovered above QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 666827-008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019.

The Laboratory Control Sample for Bromomethane, Vinyl Acetate is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3131934 Appendix I VOCs by SW-846 8260B

Lab Sample ID 666827-020 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Bromomethane, Iodomethane (Methyl Iodide), Vinyl Acetate recovered above QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 666827-020, -021, -022, -023, -024.

The Laboratory Control Sample for Bromomethane, Iodomethane (Methyl Iodide), Vinyl Acetate is within laboratory Control Limits, therefore the data was accepted.

Hits Summary 666827

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id : **GWC-7A** Matrix : Ground Water % Moisture :
 Lab Sample Id : 666827-008 Date Collected : 07.08.2020 10:43
 Date Received : 07.09.2020 15:30

Analytical Method : Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Seq Number : 3131510 Date Prep: 07.13.2020 10:00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Barium	7440-39-3	0.0287	mg/L	07.13.2020 21:59		1

Sample Id : **GWC-8** Matrix : Ground Water % Moisture :
 Lab Sample Id : 666827-009 Date Collected : 07.07.2020 10:54
 Date Received : 07.09.2020 15:30

Analytical Method : Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Seq Number : 3131510 Date Prep: 07.13.2020 10:00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Barium	7440-39-3	0.0594	mg/L	07.13.2020 22:02		1

Sample Id : **GWC-9** Matrix : Ground Water % Moisture :
 Lab Sample Id : 666827-010 Date Collected : 07.06.2020 12:17
 Date Received : 07.09.2020 15:30

Analytical Method : Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Seq Number : 3131510 Date Prep: 07.13.2020 10:00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Barium	7440-39-3	0.308	mg/L	07.13.2020 22:05		1
Cobalt	7440-48-4	0.118	mg/L	07.13.2020 22:05		1
Zinc	7440-66-6	0.106	mg/L	07.13.2020 22:05		1

Sample Id : **GWC-10D** Matrix : Ground Water % Moisture :
 Lab Sample Id : 666827-011 Date Collected : 07.07.2020 10:22
 Date Received : 07.09.2020 15:30

Analytical Method : Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Seq Number : 3131510 Date Prep: 07.13.2020 10:00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Barium	7440-39-3	0.0463	mg/L	07.13.2020 22:08		1

Hits Summary 666827

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id : **GWC-29** Matrix : Ground Water % Moisture :
 Lab Sample Id : 666827-029 Date Collected : 07.07.2020 12:49
 Date Received : 07.09.2020 15:30

Analytical Method : Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Seq Number : 3131610 Date Prep: 07.14.2020 08:20

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Zinc	7440-66-6	0.0237	mg/L	07.14.2020 17:05		1

Sample Id : **SWA-1** Matrix : Surface Water % Moisture :
 Lab Sample Id : 666827-032 Date Collected : 07.09.2020 11:51
 Date Received : 07.09.2020 15:30

Analytical Method : Chloride by SW 9056A Prep Method: SW9056P
 Seq Number : 3131481 Date Prep: 07.13.2020 09:40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	2.23	mg/L	07.13.2020 11:39		1

Analytical Method : TOC by SM 5310C Prep Method: SM5310P
 Seq Number : 3132020 Date Prep: 07.17.2020 15:40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Total Organic Carbon	7440-44-0	1.33	mg/L	07.17.2020 18:33		1

Sample Id : **SWC-1** Matrix : Surface Water % Moisture :
 Lab Sample Id : 666827-033 Date Collected : 07.09.2020 11:06
 Date Received : 07.09.2020 15:30

Analytical Method : Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Seq Number : 3131610 Date Prep: 07.14.2020 08:20

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Barium	7440-39-3	0.0508	mg/L	07.14.2020 17:14		1

Hits Summary 666827

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id : **SWC-12**
 Lab Sample Id : 666827-040

Matrix : Surface Water
 Date Collected : 07.09.2020 10:51
 Date Received : 07.09.2020 15:30

% Moisture :

Analytical Method : Appendix I Metals by SW-846 6020A
 Seq Number : 3131610

Prep Method: SW3010A
 Date Prep: 07.14.2020 08:20

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Barium	7440-39-3	0.0352	mg/L	07.14.2020 17:40		1

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-1**
 Lab Sample Id: 666827-001

Matrix: Ground Water
 Date Collected: 07.07.2020 11:24

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 09:30

Seq Number: 3131499

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 00:33	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 00:33	1
Barium	ND	0.0200	U	mg/L	07.14.2020 00:33	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 00:33	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 00:33	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 00:33	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 00:33	1
Copper	ND	0.0200	U	mg/L	07.14.2020 00:33	1
Lead	ND	0.0150	U	mg/L	07.14.2020 00:33	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 00:33	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 00:33	1
Silver	ND	0.0100	U	mg/L	07.14.2020 00:33	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 00:33	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 00:33	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 00:33	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-1**
Lab Sample Id: 666827-001

Matrix: Ground Water
Date Collected: 07.07.2020 11:24

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 10:45

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.14.2020 14:38	1
Acrylonitrile	ND	50.0	U	ug/L	07.14.2020 14:38	1
Benzene	ND	2.00	U	ug/L	07.14.2020 14:38	1
Bromochloromethane	ND	10.0	U	ug/L	07.14.2020 14:38	1
Bromodichloromethane	ND	10.0	U	ug/L	07.14.2020 14:38	1
Bromoform	ND	10.0	U	ug/L	07.14.2020 14:38	1
Bromomethane	ND	10.0	U	ug/L	07.14.2020 14:38	1
2-Butanone	ND	100	U	ug/L	07.14.2020 14:38	1
Carbon Disulfide	ND	5.00	U	ug/L	07.14.2020 14:38	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.14.2020 14:38	1
Chlorobenzene	ND	10.0	U	ug/L	07.14.2020 14:38	1
Chloroethane	ND	2.00	U	ug/L	07.14.2020 14:38	1
Chloroform	ND	2.00	U	ug/L	07.14.2020 14:38	1
Chloromethane	ND	10.0	U	ug/L	07.14.2020 14:38	1
Dibromochloromethane	ND	10.0	U	ug/L	07.14.2020 14:38	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.14.2020 14:38	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.14.2020 14:38	1
Dibromomethane	ND	10.0	U	ug/L	07.14.2020 14:38	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 14:38	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 14:38	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.14.2020 14:38	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 14:38	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 14:38	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 14:38	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 14:38	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.14.2020 14:38	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.14.2020 14:38	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.14.2020 14:38	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.14.2020 14:38	1
Ethylbenzene	ND	2.00	U	ug/L	07.14.2020 14:38	1
2-Hexanone	ND	50.0	U	ug/L	07.14.2020 14:38	1
Methylene Chloride	ND	5.00	U	ug/L	07.14.2020 14:38	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.14.2020 14:38	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.14.2020 14:38	1
Styrene	ND	10.0	U	ug/L	07.14.2020 14:38	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 14:38	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 14:38	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.14.2020 14:38	1
Toluene	ND	2.00	U	ug/L	07.14.2020 14:38	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 14:38	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 14:38	1

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-1**
 Lab Sample Id: 666827-001

Matrix: Ground Water
 Date Collected: 07.07.2020 11:24

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 10:45

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.14.2020 14:38	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.14.2020 14:38	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.14.2020 14:38	1
o-Xylene	ND	5.00	U	ug/L	07.14.2020 14:38	1
m,p-Xylenes	ND	5.00	U	ug/L	07.14.2020 14:38	1
Vinyl Acetate	ND	100	U	ug/L	07.14.2020 14:38	1
Vinyl Chloride	ND	2.00	U	ug/L	07.14.2020 14:38	1
Total Xylenes	ND	5.00	U	ug/L	07.14.2020 14:38	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	98	%	75-131	07.14.2020 14:38	
1,2-Dichloroethane-D4	17060-07-0	97	%	63-144	07.14.2020 14:38	
Toluene-D8	2037-26-5	95	%	80-117	07.14.2020 14:38	
4-Bromofluorobenzene	460-00-4	104	%	74-124	07.14.2020 14:38	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-2**
 Lab Sample Id: 666827-002

Matrix: Ground Water
 Date Collected: 07.07.2020 10:54

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 09:30

Seq Number: 3131499

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 00:36	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 00:36	1
Barium	ND	0.0200	U	mg/L	07.14.2020 00:36	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 00:36	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 00:36	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 00:36	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 00:36	1
Copper	ND	0.0200	U	mg/L	07.14.2020 00:36	1
Lead	ND	0.0150	U	mg/L	07.14.2020 00:36	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 00:36	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 00:36	1
Silver	ND	0.0100	U	mg/L	07.14.2020 00:36	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 00:36	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 00:36	1
Zinc	0.0226	0.0200		mg/L	07.14.2020 00:36	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-2**
Lab Sample Id: 666827-002

Matrix: Ground Water
Date Collected: 07.07.2020 10:54

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 10:45

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.14.2020 15:02	1
Acrylonitrile	ND	50.0	U	ug/L	07.14.2020 15:02	1
Benzene	ND	2.00	U	ug/L	07.14.2020 15:02	1
Bromochloromethane	ND	10.0	U	ug/L	07.14.2020 15:02	1
Bromodichloromethane	ND	10.0	U	ug/L	07.14.2020 15:02	1
Bromoform	ND	10.0	U	ug/L	07.14.2020 15:02	1
Bromomethane	ND	10.0	U	ug/L	07.14.2020 15:02	1
2-Butanone	ND	100	U	ug/L	07.14.2020 15:02	1
Carbon Disulfide	ND	5.00	U	ug/L	07.14.2020 15:02	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.14.2020 15:02	1
Chlorobenzene	ND	10.0	U	ug/L	07.14.2020 15:02	1
Chloroethane	ND	2.00	U	ug/L	07.14.2020 15:02	1
Chloroform	ND	2.00	U	ug/L	07.14.2020 15:02	1
Chloromethane	ND	10.0	U	ug/L	07.14.2020 15:02	1
Dibromochloromethane	ND	10.0	U	ug/L	07.14.2020 15:02	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.14.2020 15:02	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.14.2020 15:02	1
Dibromomethane	ND	10.0	U	ug/L	07.14.2020 15:02	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 15:02	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 15:02	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.14.2020 15:02	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 15:02	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 15:02	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 15:02	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 15:02	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.14.2020 15:02	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.14.2020 15:02	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.14.2020 15:02	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.14.2020 15:02	1
Ethylbenzene	ND	2.00	U	ug/L	07.14.2020 15:02	1
2-Hexanone	ND	50.0	U	ug/L	07.14.2020 15:02	1
Methylene Chloride	ND	5.00	U	ug/L	07.14.2020 15:02	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.14.2020 15:02	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.14.2020 15:02	1
Styrene	ND	10.0	U	ug/L	07.14.2020 15:02	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 15:02	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 15:02	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.14.2020 15:02	1
Toluene	ND	2.00	U	ug/L	07.14.2020 15:02	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 15:02	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 15:02	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-2**
 Lab Sample Id: 666827-002

Matrix: Ground Water
 Date Collected: 07.07.2020 10:54

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 10:45

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.14.2020 15:02	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.14.2020 15:02	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.14.2020 15:02	1
o-Xylene	ND	5.00	U	ug/L	07.14.2020 15:02	1
m,p-Xylenes	ND	5.00	U	ug/L	07.14.2020 15:02	1
Vinyl Acetate	ND	100	U	ug/L	07.14.2020 15:02	1
Vinyl Chloride	ND	2.00	U	ug/L	07.14.2020 15:02	1
Total Xylenes	ND	5.00	U	ug/L	07.14.2020 15:02	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.14.2020 15:02	
1,2-Dichloroethane-D4	17060-07-0	107	%	63-144	07.14.2020 15:02	
Toluene-D8	2037-26-5	97	%	80-117	07.14.2020 15:02	
4-Bromofluorobenzene	460-00-4	103	%	74-124	07.14.2020 15:02	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-3**
 Lab Sample Id: 666827-003

Matrix: Ground Water
 Date Collected: 07.07.2020 10:03

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 09:30

Seq Number: 3131499

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 00:39	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 00:39	1
Barium	ND	0.0200	U	mg/L	07.14.2020 00:39	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 00:39	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 00:39	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 00:39	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 00:39	1
Copper	ND	0.0200	U	mg/L	07.14.2020 00:39	1
Lead	ND	0.0150	U	mg/L	07.14.2020 00:39	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 00:39	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 00:39	1
Silver	ND	0.0100	U	mg/L	07.14.2020 00:39	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 00:39	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 00:39	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 00:39	1

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-3**
 Lab Sample Id: 666827-003

Matrix: Ground Water
 Date Collected: 07.07.2020 10:03

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 10:45

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.14.2020 15:25	1
Acrylonitrile	ND	50.0	U	ug/L	07.14.2020 15:25	1
Benzene	ND	2.00	U	ug/L	07.14.2020 15:25	1
Bromochloromethane	ND	10.0	U	ug/L	07.14.2020 15:25	1
Bromodichloromethane	ND	10.0	U	ug/L	07.14.2020 15:25	1
Bromoform	ND	10.0	U	ug/L	07.14.2020 15:25	1
Bromomethane	ND	10.0	U	ug/L	07.14.2020 15:25	1
2-Butanone	ND	100	U	ug/L	07.14.2020 15:25	1
Carbon Disulfide	ND	5.00	U	ug/L	07.14.2020 15:25	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.14.2020 15:25	1
Chlorobenzene	ND	10.0	U	ug/L	07.14.2020 15:25	1
Chloroethane	ND	2.00	U	ug/L	07.14.2020 15:25	1
Chloroform	ND	2.00	U	ug/L	07.14.2020 15:25	1
Chloromethane	ND	10.0	U	ug/L	07.14.2020 15:25	1
Dibromochloromethane	ND	10.0	U	ug/L	07.14.2020 15:25	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.14.2020 15:25	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.14.2020 15:25	1
Dibromomethane	ND	10.0	U	ug/L	07.14.2020 15:25	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 15:25	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 15:25	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.14.2020 15:25	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 15:25	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 15:25	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 15:25	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 15:25	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.14.2020 15:25	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.14.2020 15:25	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.14.2020 15:25	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.14.2020 15:25	1
Ethylbenzene	ND	2.00	U	ug/L	07.14.2020 15:25	1
2-Hexanone	ND	50.0	U	ug/L	07.14.2020 15:25	1
Methylene Chloride	ND	5.00	U	ug/L	07.14.2020 15:25	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.14.2020 15:25	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.14.2020 15:25	1
Styrene	ND	10.0	U	ug/L	07.14.2020 15:25	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 15:25	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 15:25	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.14.2020 15:25	1
Toluene	ND	2.00	U	ug/L	07.14.2020 15:25	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 15:25	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 15:25	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-3**
 Lab Sample Id: 666827-003

Matrix: Ground Water
 Date Collected: 07.07.2020 10:03

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 10:45

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.14.2020 15:25	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.14.2020 15:25	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.14.2020 15:25	1
o-Xylene	ND	5.00	U	ug/L	07.14.2020 15:25	1
m,p-Xylenes	ND	5.00	U	ug/L	07.14.2020 15:25	1
Vinyl Acetate	ND	100	U	ug/L	07.14.2020 15:25	1
Vinyl Chloride	ND	2.00	U	ug/L	07.14.2020 15:25	1
Total Xylenes	ND	5.00	U	ug/L	07.14.2020 15:25	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.14.2020 15:25	
1,2-Dichloroethane-D4	17060-07-0	108	%	63-144	07.14.2020 15:25	
Toluene-D8	2037-26-5	95	%	80-117	07.14.2020 15:25	
4-Bromofluorobenzene	460-00-4	101	%	74-124	07.14.2020 15:25	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-4**
 Lab Sample Id: 666827-004

Matrix: Ground Water
 Date Collected: 07.07.2020 13:54

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 09:30

Seq Number: 3131499

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 00:47	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 00:47	1
Barium	0.0231	0.0200		mg/L	07.14.2020 00:47	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 00:47	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 00:47	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 00:47	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 00:47	1
Copper	ND	0.0200	U	mg/L	07.14.2020 00:47	1
Lead	ND	0.0150	U	mg/L	07.14.2020 00:47	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 00:47	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 00:47	1
Silver	ND	0.0100	U	mg/L	07.14.2020 00:47	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 00:47	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 00:47	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 00:47	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-4**
Lab Sample Id: 666827-004

Matrix: Ground Water
Date Collected: 07.07.2020 13:54

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 10:45

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.14.2020 15:49	1
Acrylonitrile	ND	50.0	U	ug/L	07.14.2020 15:49	1
Benzene	ND	2.00	U	ug/L	07.14.2020 15:49	1
Bromochloromethane	ND	10.0	U	ug/L	07.14.2020 15:49	1
Bromodichloromethane	ND	10.0	U	ug/L	07.14.2020 15:49	1
Bromoform	ND	10.0	U	ug/L	07.14.2020 15:49	1
Bromomethane	ND	10.0	U	ug/L	07.14.2020 15:49	1
2-Butanone	ND	100	U	ug/L	07.14.2020 15:49	1
Carbon Disulfide	ND	5.00	U	ug/L	07.14.2020 15:49	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.14.2020 15:49	1
Chlorobenzene	ND	10.0	U	ug/L	07.14.2020 15:49	1
Chloroethane	ND	2.00	U	ug/L	07.14.2020 15:49	1
Chloroform	ND	2.00	U	ug/L	07.14.2020 15:49	1
Chloromethane	ND	10.0	U	ug/L	07.14.2020 15:49	1
Dibromochloromethane	ND	10.0	U	ug/L	07.14.2020 15:49	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.14.2020 15:49	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.14.2020 15:49	1
Dibromomethane	ND	10.0	U	ug/L	07.14.2020 15:49	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 15:49	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 15:49	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.14.2020 15:49	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 15:49	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 15:49	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 15:49	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 15:49	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.14.2020 15:49	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.14.2020 15:49	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.14.2020 15:49	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.14.2020 15:49	1
Ethylbenzene	ND	2.00	U	ug/L	07.14.2020 15:49	1
2-Hexanone	ND	50.0	U	ug/L	07.14.2020 15:49	1
Methylene Chloride	ND	5.00	U	ug/L	07.14.2020 15:49	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.14.2020 15:49	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.14.2020 15:49	1
Styrene	ND	10.0	U	ug/L	07.14.2020 15:49	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 15:49	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 15:49	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.14.2020 15:49	1
Toluene	ND	2.00	U	ug/L	07.14.2020 15:49	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 15:49	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 15:49	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-4**
 Lab Sample Id: 666827-004

Matrix: Ground Water
 Date Collected: 07.07.2020 13:54

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 10:45

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.14.2020 15:49	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.14.2020 15:49	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.14.2020 15:49	1
o-Xylene	ND	5.00	U	ug/L	07.14.2020 15:49	1
m,p-Xylenes	ND	5.00	U	ug/L	07.14.2020 15:49	1
Vinyl Acetate	ND	100	U	ug/L	07.14.2020 15:49	1
Vinyl Chloride	ND	2.00	U	ug/L	07.14.2020 15:49	1
Total Xylenes	ND	5.00	U	ug/L	07.14.2020 15:49	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.14.2020 15:49	
1,2-Dichloroethane-D4	17060-07-0	109	%	63-144	07.14.2020 15:49	
Toluene-D8	2037-26-5	96	%	80-117	07.14.2020 15:49	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.14.2020 15:49	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-5** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-005 Date Collected: 07.07.2020 09:39

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.13.2020 09:30
 Seq Number: 3131499

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 00:50	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 00:50	1
Barium	0.0327	0.0200		mg/L	07.14.2020 00:50	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 00:50	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 00:50	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 00:50	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 00:50	1
Copper	ND	0.0200	U	mg/L	07.14.2020 00:50	1
Lead	ND	0.0150	U	mg/L	07.14.2020 00:50	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 00:50	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 00:50	1
Silver	ND	0.0100	U	mg/L	07.14.2020 00:50	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 00:50	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 00:50	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 00:50	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-5**
Lab Sample Id: 666827-005

Matrix: Ground Water
Date Collected: 07.07.2020 09:39

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 10:45

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.14.2020 16:12	1
Acrylonitrile	ND	50.0	U	ug/L	07.14.2020 16:12	1
Benzene	ND	2.00	U	ug/L	07.14.2020 16:12	1
Bromochloromethane	ND	10.0	U	ug/L	07.14.2020 16:12	1
Bromodichloromethane	ND	10.0	U	ug/L	07.14.2020 16:12	1
Bromoform	ND	10.0	U	ug/L	07.14.2020 16:12	1
Bromomethane	ND	10.0	U	ug/L	07.14.2020 16:12	1
2-Butanone	ND	100	U	ug/L	07.14.2020 16:12	1
Carbon Disulfide	ND	5.00	U	ug/L	07.14.2020 16:12	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.14.2020 16:12	1
Chlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:12	1
Chloroethane	ND	2.00	U	ug/L	07.14.2020 16:12	1
Chloroform	ND	2.00	U	ug/L	07.14.2020 16:12	1
Chloromethane	ND	10.0	U	ug/L	07.14.2020 16:12	1
Dibromochloromethane	ND	10.0	U	ug/L	07.14.2020 16:12	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.14.2020 16:12	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.14.2020 16:12	1
Dibromomethane	ND	10.0	U	ug/L	07.14.2020 16:12	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:12	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:12	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.14.2020 16:12	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 16:12	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 16:12	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 16:12	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 16:12	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.14.2020 16:12	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.14.2020 16:12	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.14.2020 16:12	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.14.2020 16:12	1
Ethylbenzene	ND	2.00	U	ug/L	07.14.2020 16:12	1
2-Hexanone	ND	50.0	U	ug/L	07.14.2020 16:12	1
Methylene Chloride	ND	5.00	U	ug/L	07.14.2020 16:12	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.14.2020 16:12	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.14.2020 16:12	1
Styrene	ND	10.0	U	ug/L	07.14.2020 16:12	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 16:12	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 16:12	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.14.2020 16:12	1
Toluene	ND	2.00	U	ug/L	07.14.2020 16:12	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 16:12	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 16:12	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-5**
 Lab Sample Id: 666827-005

Matrix: Ground Water
 Date Collected: 07.07.2020 09:39

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 10:45

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.14.2020 16:12	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.14.2020 16:12	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.14.2020 16:12	1
o-Xylene	ND	5.00	U	ug/L	07.14.2020 16:12	1
m,p-Xylenes	ND	5.00	U	ug/L	07.14.2020 16:12	1
Vinyl Acetate	ND	100	U	ug/L	07.14.2020 16:12	1
Vinyl Chloride	ND	2.00	U	ug/L	07.14.2020 16:12	1
Total Xylenes	ND	5.00	U	ug/L	07.14.2020 16:12	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	106	%	75-131	07.14.2020 16:12	
1,2-Dichloroethane-D4	17060-07-0	107	%	63-144	07.14.2020 16:12	
Toluene-D8	2037-26-5	96	%	80-117	07.14.2020 16:12	
4-Bromofluorobenzene	460-00-4	97	%	74-124	07.14.2020 16:12	

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-6** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-006 Date Collected: 07.06.2020 13:03

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.13.2020 10:00
 Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.13.2020 21:35	1
Arsenic	ND	0.0100	U	mg/L	07.13.2020 21:35	1
Barium	0.0663	0.0200		mg/L	07.13.2020 21:35	1
Beryllium	ND	0.00300	U	mg/L	07.13.2020 21:35	1
Cadmium	ND	0.00500	U	mg/L	07.13.2020 21:35	1
Chromium	ND	0.0100	U	mg/L	07.13.2020 21:35	1
Cobalt	ND	0.0400	U	mg/L	07.13.2020 21:35	1
Copper	ND	0.0200	U	mg/L	07.13.2020 21:35	1
Lead	ND	0.0150	U	mg/L	07.13.2020 21:35	1
Nickel	ND	0.0200	U	mg/L	07.13.2020 21:35	1
Selenium	ND	0.0100	U	mg/L	07.13.2020 21:35	1
Silver	ND	0.0100	U	mg/L	07.13.2020 21:35	1
Thallium	ND	0.00200	U	mg/L	07.13.2020 21:35	1
Vanadium	ND	0.0200	U	mg/L	07.13.2020 21:35	1
Zinc	ND	0.0200	U	mg/L	07.13.2020 21:35	1

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-6**
 Lab Sample Id: 666827-006

Matrix: Ground Water
 Date Collected: 07.06.2020 13:03

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 17:00

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.14.2020 20:39	1
Acrylonitrile	ND	50.0	U	ug/L	07.14.2020 20:39	1
Benzene	ND	2.00	U	ug/L	07.14.2020 20:39	1
Bromochloromethane	ND	10.0	U	ug/L	07.14.2020 20:39	1
Bromodichloromethane	ND	10.0	U	ug/L	07.14.2020 20:39	1
Bromoform	ND	10.0	U	ug/L	07.14.2020 20:39	1
Bromomethane	ND	10.0	U	ug/L	07.14.2020 20:39	1
2-Butanone	ND	100	U	ug/L	07.14.2020 20:39	1
Carbon Disulfide	ND	5.00	U	ug/L	07.14.2020 20:39	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.14.2020 20:39	1
Chlorobenzene	ND	10.0	U	ug/L	07.14.2020 20:39	1
Chloroethane	ND	2.00	U	ug/L	07.14.2020 20:39	1
Chloroform	ND	2.00	U	ug/L	07.14.2020 20:39	1
Chloromethane	ND	10.0	U	ug/L	07.14.2020 20:39	1
Dibromochloromethane	ND	10.0	U	ug/L	07.14.2020 20:39	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.14.2020 20:39	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.14.2020 20:39	1
Dibromomethane	ND	10.0	U	ug/L	07.14.2020 20:39	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 20:39	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 20:39	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.14.2020 20:39	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 20:39	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 20:39	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 20:39	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 20:39	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.14.2020 20:39	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.14.2020 20:39	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.14.2020 20:39	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.14.2020 20:39	1
Ethylbenzene	ND	2.00	U	ug/L	07.14.2020 20:39	1
2-Hexanone	ND	50.0	U	ug/L	07.14.2020 20:39	1
Methylene Chloride	ND	5.00	U	ug/L	07.14.2020 20:39	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.14.2020 20:39	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.14.2020 20:39	1
Styrene	ND	10.0	U	ug/L	07.14.2020 20:39	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 20:39	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 20:39	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.14.2020 20:39	1
Toluene	ND	2.00	U	ug/L	07.14.2020 20:39	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 20:39	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 20:39	1

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Eagle Point Landfill

Sample Id: **GWC-6** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-006 Date Collected: 07.06.2020 13:03

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.14.2020 17:00
 Seq Number: 3131674 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.14.2020 20:39	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.14.2020 20:39	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.14.2020 20:39	1
o-Xylene	ND	5.00	U	ug/L	07.14.2020 20:39	1
m,p-Xylenes	ND	5.00	U	ug/L	07.14.2020 20:39	1
Vinyl Acetate	ND	100	U	ug/L	07.14.2020 20:39	1
Vinyl Chloride	ND	2.00	U	ug/L	07.14.2020 20:39	1
Total Xylenes	ND	5.00	U	ug/L	07.14.2020 20:39	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	106	%	75-131	07.14.2020 20:39	
1,2-Dichloroethane-D4	17060-07-0	103	%	63-144	07.14.2020 20:39	
Toluene-D8	2037-26-5	96	%	80-117	07.14.2020 20:39	
4-Bromofluorobenzene	460-00-4	99	%	74-124	07.14.2020 20:39	

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-7** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-007 Date Collected: 07.08.2020 11:15

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.13.2020 10:00
 Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.13.2020 21:56	1
Arsenic	ND	0.0100	U	mg/L	07.13.2020 21:56	1
Barium	ND	0.0200	U	mg/L	07.13.2020 21:56	1
Beryllium	ND	0.00300	U	mg/L	07.13.2020 21:56	1
Cadmium	ND	0.00500	U	mg/L	07.13.2020 21:56	1
Chromium	ND	0.0100	U	mg/L	07.13.2020 21:56	1
Cobalt	ND	0.0400	U	mg/L	07.13.2020 21:56	1
Copper	ND	0.0200	U	mg/L	07.13.2020 21:56	1
Lead	ND	0.0150	U	mg/L	07.13.2020 21:56	1
Nickel	ND	0.0200	U	mg/L	07.13.2020 21:56	1
Selenium	ND	0.0100	U	mg/L	07.13.2020 21:56	1
Silver	ND	0.0100	U	mg/L	07.13.2020 21:56	1
Thallium	ND	0.00200	U	mg/L	07.13.2020 21:56	1
Vanadium	ND	0.0200	U	mg/L	07.13.2020 21:56	1
Zinc	ND	0.0200	U	mg/L	07.13.2020 21:56	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-7**
Lab Sample Id: 666827-007

Matrix: Ground Water
Date Collected: 07.08.2020 11:15

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 17:00

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.14.2020 21:02	1
Acrylonitrile	ND	50.0	U	ug/L	07.14.2020 21:02	1
Benzene	ND	2.00	U	ug/L	07.14.2020 21:02	1
Bromochloromethane	ND	10.0	U	ug/L	07.14.2020 21:02	1
Bromodichloromethane	ND	10.0	U	ug/L	07.14.2020 21:02	1
Bromoform	ND	10.0	U	ug/L	07.14.2020 21:02	1
Bromomethane	ND	10.0	U	ug/L	07.14.2020 21:02	1
2-Butanone	ND	100	U	ug/L	07.14.2020 21:02	1
Carbon Disulfide	ND	5.00	U	ug/L	07.14.2020 21:02	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.14.2020 21:02	1
Chlorobenzene	ND	10.0	U	ug/L	07.14.2020 21:02	1
Chloroethane	ND	2.00	U	ug/L	07.14.2020 21:02	1
Chloroform	ND	2.00	U	ug/L	07.14.2020 21:02	1
Chloromethane	ND	10.0	U	ug/L	07.14.2020 21:02	1
Dibromochloromethane	ND	10.0	U	ug/L	07.14.2020 21:02	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.14.2020 21:02	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.14.2020 21:02	1
Dibromomethane	ND	10.0	U	ug/L	07.14.2020 21:02	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 21:02	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 21:02	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.14.2020 21:02	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 21:02	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.14.2020 21:02	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 21:02	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.14.2020 21:02	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.14.2020 21:02	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.14.2020 21:02	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.14.2020 21:02	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.14.2020 21:02	1
Ethylbenzene	ND	2.00	U	ug/L	07.14.2020 21:02	1
2-Hexanone	ND	50.0	U	ug/L	07.14.2020 21:02	1
Methylene Chloride	ND	5.00	U	ug/L	07.14.2020 21:02	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.14.2020 21:02	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.14.2020 21:02	1
Styrene	ND	10.0	U	ug/L	07.14.2020 21:02	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 21:02	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.14.2020 21:02	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.14.2020 21:02	1
Toluene	ND	2.00	U	ug/L	07.14.2020 21:02	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 21:02	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.14.2020 21:02	1

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Eagle Point Landfill

Sample Id: **GWC-7**
 Lab Sample Id: 666827-007

Matrix: Ground Water
 Date Collected: 07.08.2020 11:15

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.14.2020 17:00

Seq Number: 3131674

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.14.2020 21:02	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.14.2020 21:02	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.14.2020 21:02	1
o-Xylene	ND	5.00	U	ug/L	07.14.2020 21:02	1
m,p-Xylenes	ND	5.00	U	ug/L	07.14.2020 21:02	1
Vinyl Acetate	ND	100	U	ug/L	07.14.2020 21:02	1
Vinyl Chloride	ND	2.00	U	ug/L	07.14.2020 21:02	1
Total Xylenes	ND	5.00	U	ug/L	07.14.2020 21:02	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	110	%	75-131	07.14.2020 21:02	
1,2-Dichloroethane-D4	17060-07-0	111	%	63-144	07.14.2020 21:02	
Toluene-D8	2037-26-5	97	%	80-117	07.14.2020 21:02	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.14.2020 21:02	

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-7A**
 Lab Sample Id: 666827-008

Matrix: Ground Water
 Date Collected: 07.08.2020 10:43

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.13.2020 21:59	1
Arsenic	ND	0.0100	U	mg/L	07.13.2020 21:59	1
Barium	0.0287	0.0200		mg/L	07.13.2020 21:59	1
Beryllium	ND	0.00300	U	mg/L	07.13.2020 21:59	1
Cadmium	ND	0.00500	U	mg/L	07.13.2020 21:59	1
Chromium	ND	0.0100	U	mg/L	07.13.2020 21:59	1
Cobalt	ND	0.0400	U	mg/L	07.13.2020 21:59	1
Copper	ND	0.0200	U	mg/L	07.13.2020 21:59	1
Lead	ND	0.0150	U	mg/L	07.13.2020 21:59	1
Nickel	ND	0.0200	U	mg/L	07.13.2020 21:59	1
Selenium	ND	0.0100	U	mg/L	07.13.2020 21:59	1
Silver	ND	0.0100	U	mg/L	07.13.2020 21:59	1
Thallium	ND	0.00200	U	mg/L	07.13.2020 21:59	1
Vanadium	ND	0.0200	U	mg/L	07.13.2020 21:59	1
Zinc	ND	0.0200	U	mg/L	07.13.2020 21:59	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-7A**
Lab Sample Id: 666827-008

Matrix: Ground Water
Date Collected: 07.08.2020 10:43

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 19:23	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 19:23	1
Benzene	ND	2.00	U	ug/L	07.15.2020 19:23	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 19:23	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 19:23	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 19:23	1
Bromomethane	ND	10.0	U	ug/L	07.15.2020 19:23	1
2-Butanone	ND	100	U	ug/L	07.15.2020 19:23	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 19:23	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 19:23	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 19:23	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 19:23	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 19:23	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 19:23	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 19:23	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 19:23	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 19:23	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 19:23	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 19:23	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 19:23	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 19:23	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 19:23	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 19:23	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 19:23	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 19:23	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 19:23	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 19:23	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 19:23	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 19:23	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 19:23	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 19:23	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 19:23	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 19:23	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 19:23	1
Styrene	ND	10.0	U	ug/L	07.15.2020 19:23	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 19:23	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 19:23	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 19:23	1
Toluene	ND	2.00	U	ug/L	07.15.2020 19:23	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 19:23	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 19:23	1

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Eagle Point Landfill

Sample Id: **GWC-7A** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-008 Date Collected: 07.08.2020 10:43

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.15.2020 18:00
 Seq Number: 3131788 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 19:23	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 19:23	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 19:23	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 19:23	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 19:23	1
Vinyl Acetate	ND	100	U	ug/L	07.15.2020 19:23	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 19:23	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 19:23	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	105	%	75-131	07.15.2020 19:23	
1,2-Dichloroethane-D4	17060-07-0	107	%	63-144	07.15.2020 19:23	
Toluene-D8	2037-26-5	95	%	80-117	07.15.2020 19:23	
4-Bromofluorobenzene	460-00-4	98	%	74-124	07.15.2020 19:23	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-8** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-009 Date Collected: 07.07.2020 10:54

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.13.2020 10:00
 Seq Number: 3131510 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.13.2020 22:02	1
Arsenic	ND	0.0100	U	mg/L	07.13.2020 22:02	1
Barium	0.0594	0.0200		mg/L	07.13.2020 22:02	1
Beryllium	ND	0.00300	U	mg/L	07.13.2020 22:02	1
Cadmium	ND	0.00500	U	mg/L	07.13.2020 22:02	1
Chromium	ND	0.0100	U	mg/L	07.13.2020 22:02	1
Cobalt	ND	0.0400	U	mg/L	07.13.2020 22:02	1
Copper	ND	0.0200	U	mg/L	07.13.2020 22:02	1
Lead	ND	0.0150	U	mg/L	07.13.2020 22:02	1
Nickel	ND	0.0200	U	mg/L	07.13.2020 22:02	1
Selenium	ND	0.0100	U	mg/L	07.13.2020 22:02	1
Silver	ND	0.0100	U	mg/L	07.13.2020 22:02	1
Thallium	ND	0.00200	U	mg/L	07.13.2020 22:02	1
Vanadium	ND	0.0200	U	mg/L	07.13.2020 22:02	1
Zinc	ND	0.0200	U	mg/L	07.13.2020 22:02	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-8**
Lab Sample Id: 666827-009

Matrix: Ground Water
Date Collected: 07.07.2020 10:54

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 19:47	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 19:47	1
Benzene	ND	2.00	U	ug/L	07.15.2020 19:47	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 19:47	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 19:47	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 19:47	1
Bromomethane	ND	10.0	U	ug/L	07.15.2020 19:47	1
2-Butanone	ND	100	U	ug/L	07.15.2020 19:47	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 19:47	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 19:47	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 19:47	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 19:47	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 19:47	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 19:47	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 19:47	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 19:47	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 19:47	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 19:47	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 19:47	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 19:47	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 19:47	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 19:47	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 19:47	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 19:47	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 19:47	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 19:47	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 19:47	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 19:47	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 19:47	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 19:47	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 19:47	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 19:47	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 19:47	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 19:47	1
Styrene	ND	10.0	U	ug/L	07.15.2020 19:47	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 19:47	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 19:47	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 19:47	1
Toluene	ND	2.00	U	ug/L	07.15.2020 19:47	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 19:47	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 19:47	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-8**
 Lab Sample Id: 666827-009

Matrix: Ground Water
 Date Collected: 07.07.2020 10:54

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 19:47	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 19:47	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 19:47	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 19:47	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 19:47	1
Vinyl Acetate	ND	100	U	ug/L	07.15.2020 19:47	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 19:47	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 19:47	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.15.2020 19:47	
1,2-Dichloroethane-D4	17060-07-0	107	%	63-144	07.15.2020 19:47	
Toluene-D8	2037-26-5	96	%	80-117	07.15.2020 19:47	
4-Bromofluorobenzene	460-00-4	99	%	74-124	07.15.2020 19:47	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-9**
 Lab Sample Id: 666827-010

Matrix: Ground Water
 Date Collected: 07.06.2020 12:17

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.13.2020 22:05	1
Arsenic	ND	0.0100	U	mg/L	07.13.2020 22:05	1
Barium	0.308	0.0200		mg/L	07.13.2020 22:05	1
Beryllium	ND	0.00300	U	mg/L	07.13.2020 22:05	1
Cadmium	ND	0.00500	U	mg/L	07.13.2020 22:05	1
Chromium	ND	0.0100	U	mg/L	07.13.2020 22:05	1
Cobalt	0.118	0.0400		mg/L	07.13.2020 22:05	1
Copper	ND	0.0200	U	mg/L	07.13.2020 22:05	1
Lead	ND	0.0150	U	mg/L	07.13.2020 22:05	1
Nickel	ND	0.0200	U	mg/L	07.13.2020 22:05	1
Selenium	ND	0.0100	U	mg/L	07.13.2020 22:05	1
Silver	ND	0.0100	U	mg/L	07.13.2020 22:05	1
Thallium	ND	0.00200	U	mg/L	07.13.2020 22:05	1
Vanadium	ND	0.0200	U	mg/L	07.13.2020 22:05	1
Zinc	0.106	0.0200		mg/L	07.13.2020 22:05	1

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-9**
 Lab Sample Id: 666827-010

Matrix: Ground Water
 Date Collected: 07.06.2020 12:17

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 20:10	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 20:10	1
Benzene	ND	2.00	U	ug/L	07.15.2020 20:10	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 20:10	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 20:10	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 20:10	1
Bromomethane	ND	10.0	U	ug/L	07.15.2020 20:10	1
2-Butanone	ND	100	U	ug/L	07.15.2020 20:10	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 20:10	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 20:10	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 20:10	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 20:10	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 20:10	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 20:10	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 20:10	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 20:10	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 20:10	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 20:10	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 20:10	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 20:10	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 20:10	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 20:10	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 20:10	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 20:10	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 20:10	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 20:10	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 20:10	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 20:10	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 20:10	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 20:10	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 20:10	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 20:10	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 20:10	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 20:10	1
Styrene	ND	10.0	U	ug/L	07.15.2020 20:10	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 20:10	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 20:10	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 20:10	1
Toluene	ND	2.00	U	ug/L	07.15.2020 20:10	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 20:10	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 20:10	1

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-9** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-010 Date Collected: 07.06.2020 12:17

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.15.2020 18:00
 Seq Number: 3131788 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 20:10	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 20:10	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 20:10	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 20:10	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 20:10	1
Vinyl Acetate	ND	100	U	ug/L	07.15.2020 20:10	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 20:10	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 20:10	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	105	%	75-131	07.15.2020 20:10	
1,2-Dichloroethane-D4	17060-07-0	107	%	63-144	07.15.2020 20:10	
Toluene-D8	2037-26-5	96	%	80-117	07.15.2020 20:10	
4-Bromofluorobenzene	460-00-4	99	%	74-124	07.15.2020 20:10	

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-10D**
 Lab Sample Id: 666827-011

Matrix: Ground Water
 Date Collected: 07.07.2020 10:22

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.13.2020 22:08	1
Arsenic	ND	0.0100	U	mg/L	07.13.2020 22:08	1
Barium	0.0463	0.0200		mg/L	07.13.2020 22:08	1
Beryllium	ND	0.00300	U	mg/L	07.13.2020 22:08	1
Cadmium	ND	0.00500	U	mg/L	07.13.2020 22:08	1
Chromium	ND	0.0100	U	mg/L	07.13.2020 22:08	1
Cobalt	ND	0.0400	U	mg/L	07.13.2020 22:08	1
Copper	ND	0.0200	U	mg/L	07.13.2020 22:08	1
Lead	ND	0.0150	U	mg/L	07.13.2020 22:08	1
Nickel	ND	0.0200	U	mg/L	07.13.2020 22:08	1
Selenium	ND	0.0100	U	mg/L	07.13.2020 22:08	1
Silver	ND	0.0100	U	mg/L	07.13.2020 22:08	1
Thallium	ND	0.00200	U	mg/L	07.13.2020 22:08	1
Vanadium	ND	0.0200	U	mg/L	07.13.2020 22:08	1
Zinc	ND	0.0200	U	mg/L	07.13.2020 22:08	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-10D**
Lab Sample Id: 666827-011

Matrix: Ground Water
Date Collected: 07.07.2020 10:22

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 12:13

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 15:51	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 15:51	1
Benzene	ND	2.00	U	ug/L	07.15.2020 15:51	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 15:51	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 15:51	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 15:51	1
Bromomethane	ND	10.0	UX	ug/L	07.15.2020 15:51	1
2-Butanone	ND	100	U	ug/L	07.15.2020 15:51	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 15:51	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 15:51	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 15:51	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 15:51	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 15:51	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 15:51	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 15:51	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 15:51	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 15:51	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 15:51	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 15:51	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 15:51	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 15:51	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 15:51	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 15:51	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 15:51	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 15:51	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 15:51	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 15:51	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 15:51	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 15:51	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 15:51	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 15:51	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 15:51	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 15:51	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 15:51	1
Styrene	ND	10.0	U	ug/L	07.15.2020 15:51	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 15:51	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 15:51	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 15:51	1
Toluene	ND	2.00	U	ug/L	07.15.2020 15:51	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 15:51	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 15:51	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-10D**
 Lab Sample Id: 666827-011

Matrix: Ground Water
 Date Collected: 07.07.2020 10:22

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 12:13

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 15:51	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 15:51	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 15:51	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 15:51	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 15:51	1
Vinyl Acetate	ND	100	UX	ug/L	07.15.2020 15:51	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 15:51	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 15:51	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	105	%	75-131	07.15.2020 15:51	
1,2-Dichloroethane-D4	17060-07-0	110	%	63-144	07.15.2020 15:51	
Toluene-D8	2037-26-5	94	%	80-117	07.15.2020 15:51	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.15.2020 15:51	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-11**
 Lab Sample Id: 666827-012

Matrix: Ground Water
 Date Collected: 07.08.2020 12:11

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.13.2020 22:11	1
Arsenic	ND	0.0100	U	mg/L	07.13.2020 22:11	1
Barium	0.499	0.0200		mg/L	07.13.2020 22:11	1
Beryllium	ND	0.00300	U	mg/L	07.13.2020 22:11	1
Cadmium	ND	0.00500	U	mg/L	07.13.2020 22:11	1
Chromium	ND	0.0100	U	mg/L	07.13.2020 22:11	1
Cobalt	0.114	0.0400		mg/L	07.13.2020 22:11	1
Copper	ND	0.0200	U	mg/L	07.13.2020 22:11	1
Lead	ND	0.0150	U	mg/L	07.13.2020 22:11	1
Nickel	ND	0.0200	U	mg/L	07.13.2020 22:11	1
Selenium	0.0114	0.0100		mg/L	07.13.2020 22:11	1
Silver	ND	0.0100	U	mg/L	07.13.2020 22:11	1
Thallium	ND	0.00200	U	mg/L	07.13.2020 22:11	1
Vanadium	ND	0.0200	U	mg/L	07.13.2020 22:11	1
Zinc	0.0866	0.0200		mg/L	07.13.2020 22:11	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-11**
Lab Sample Id: 666827-012

Matrix: Ground Water
Date Collected: 07.08.2020 12:11

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 20:34	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 20:34	1
Benzene	2.57	2.00		ug/L	07.15.2020 20:34	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 20:34	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 20:34	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 20:34	1
Bromomethane	ND	10.0	U	ug/L	07.15.2020 20:34	1
2-Butanone	ND	100	U	ug/L	07.15.2020 20:34	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 20:34	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 20:34	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 20:34	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 20:34	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 20:34	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 20:34	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 20:34	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 20:34	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 20:34	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 20:34	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 20:34	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 20:34	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 20:34	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 20:34	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 20:34	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 20:34	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 20:34	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 20:34	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 20:34	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 20:34	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 20:34	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 20:34	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 20:34	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 20:34	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 20:34	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 20:34	1
Styrene	ND	10.0	U	ug/L	07.15.2020 20:34	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 20:34	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 20:34	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 20:34	1
Toluene	ND	2.00	U	ug/L	07.15.2020 20:34	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 20:34	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 20:34	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-11**
 Lab Sample Id: 666827-012

Matrix: Ground Water
 Date Collected: 07.08.2020 12:11

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 20:34	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 20:34	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 20:34	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 20:34	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 20:34	1
Vinyl Acetate	ND	100	U	ug/L	07.15.2020 20:34	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 20:34	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 20:34	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	105	%	75-131	07.15.2020 20:34	
1,2-Dichloroethane-D4	17060-07-0	110	%	63-144	07.15.2020 20:34	
Toluene-D8	2037-26-5	96	%	80-117	07.15.2020 20:34	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.15.2020 20:34	

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-13R**
Lab Sample Id: 666827-013

Matrix: Ground Water
Date Collected: 07.08.2020 10:09

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.13.2020 22:14	1
Arsenic	ND	0.0100	U	mg/L	07.13.2020 22:14	1
Barium	0.0236	0.0200		mg/L	07.13.2020 22:14	1
Beryllium	ND	0.00300	U	mg/L	07.13.2020 22:14	1
Cadmium	ND	0.00500	U	mg/L	07.13.2020 22:14	1
Chromium	ND	0.0100	U	mg/L	07.13.2020 22:14	1
Cobalt	ND	0.0400	U	mg/L	07.13.2020 22:14	1
Copper	ND	0.0200	U	mg/L	07.13.2020 22:14	1
Lead	ND	0.0150	U	mg/L	07.13.2020 22:14	1
Nickel	ND	0.0200	U	mg/L	07.13.2020 22:14	1
Selenium	ND	0.0100	U	mg/L	07.13.2020 22:14	1
Silver	ND	0.0100	U	mg/L	07.13.2020 22:14	1
Thallium	ND	0.00200	U	mg/L	07.13.2020 22:14	1
Vanadium	ND	0.0200	U	mg/L	07.13.2020 22:14	1
Zinc	ND	0.0200	U	mg/L	07.13.2020 22:14	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-13R**
Lab Sample Id: 666827-013

Matrix: Ground Water
Date Collected: 07.08.2020 10:09

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 20:57	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 20:57	1
Benzene	ND	2.00	U	ug/L	07.15.2020 20:57	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 20:57	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 20:57	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 20:57	1
Bromomethane	ND	10.0	U	ug/L	07.15.2020 20:57	1
2-Butanone	ND	100	U	ug/L	07.15.2020 20:57	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 20:57	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 20:57	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 20:57	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 20:57	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 20:57	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 20:57	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 20:57	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 20:57	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 20:57	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 20:57	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 20:57	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 20:57	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 20:57	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 20:57	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 20:57	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 20:57	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 20:57	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 20:57	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 20:57	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 20:57	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 20:57	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 20:57	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 20:57	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 20:57	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 20:57	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 20:57	1
Styrene	ND	10.0	U	ug/L	07.15.2020 20:57	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 20:57	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 20:57	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 20:57	1
Toluene	ND	2.00	U	ug/L	07.15.2020 20:57	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 20:57	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 20:57	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-13R**
 Lab Sample Id: 666827-013

Matrix: Ground Water
 Date Collected: 07.08.2020 10:09

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 20:57	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 20:57	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 20:57	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 20:57	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 20:57	1
Vinyl Acetate	ND	100	U	ug/L	07.15.2020 20:57	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 20:57	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 20:57	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	107	%	75-131	07.15.2020 20:57	
1,2-Dichloroethane-D4	17060-07-0	108	%	63-144	07.15.2020 20:57	
Toluene-D8	2037-26-5	95	%	80-117	07.15.2020 20:57	
4-Bromofluorobenzene	460-00-4	99	%	74-124	07.15.2020 20:57	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-14R**
 Lab Sample Id: 666827-014

Matrix: Ground Water
 Date Collected: 07.07.2020 11:35

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 14:51	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 14:51	1
Barium	0.0387	0.0200		mg/L	07.14.2020 14:51	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 14:51	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 14:51	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 14:51	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 14:51	1
Copper	ND	0.0200	U	mg/L	07.14.2020 14:51	1
Lead	ND	0.0150	U	mg/L	07.14.2020 14:51	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 14:51	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 14:51	1
Silver	ND	0.0100	U	mg/L	07.14.2020 14:51	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 14:51	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 14:51	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 14:51	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-14R**
Lab Sample Id: 666827-014

Matrix: Ground Water
Date Collected: 07.07.2020 11:35

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 21:21	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 21:21	1
Benzene	ND	2.00	U	ug/L	07.15.2020 21:21	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 21:21	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 21:21	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 21:21	1
Bromomethane	ND	10.0	U	ug/L	07.15.2020 21:21	1
2-Butanone	ND	100	U	ug/L	07.15.2020 21:21	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 21:21	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 21:21	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 21:21	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 21:21	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 21:21	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 21:21	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 21:21	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 21:21	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 21:21	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 21:21	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 21:21	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 21:21	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 21:21	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 21:21	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 21:21	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 21:21	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 21:21	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 21:21	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 21:21	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 21:21	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 21:21	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 21:21	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 21:21	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 21:21	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 21:21	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 21:21	1
Styrene	ND	10.0	U	ug/L	07.15.2020 21:21	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 21:21	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 21:21	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 21:21	1
Toluene	ND	2.00	U	ug/L	07.15.2020 21:21	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 21:21	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 21:21	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-14R**
 Lab Sample Id: 666827-014

Matrix: Ground Water
 Date Collected: 07.07.2020 11:35

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 21:21	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 21:21	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 21:21	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 21:21	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 21:21	1
Vinyl Acetate	ND	100	U	ug/L	07.15.2020 21:21	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 21:21	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 21:21	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	112	%	75-131	07.15.2020 21:21	
1,2-Dichloroethane-D4	17060-07-0	112	%	63-144	07.15.2020 21:21	
Toluene-D8	2037-26-5	97	%	80-117	07.15.2020 21:21	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.15.2020 21:21	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-15**
 Lab Sample Id: 666827-015

Matrix: Ground Water
 Date Collected: 07.08.2020 10:31

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 14:54	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 14:54	1
Barium	0.116	0.0200		mg/L	07.14.2020 14:54	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 14:54	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 14:54	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 14:54	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 14:54	1
Copper	ND	0.0200	U	mg/L	07.14.2020 14:54	1
Lead	ND	0.0150	U	mg/L	07.14.2020 14:54	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 14:54	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 14:54	1
Silver	ND	0.0100	U	mg/L	07.14.2020 14:54	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 14:54	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 14:54	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 14:54	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-15**
Lab Sample Id: 666827-015

Matrix: Ground Water
Date Collected: 07.08.2020 10:31

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 21:45	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 21:45	1
Benzene	ND	2.00	U	ug/L	07.15.2020 21:45	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 21:45	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 21:45	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 21:45	1
Bromomethane	ND	10.0	U	ug/L	07.15.2020 21:45	1
2-Butanone	ND	100	U	ug/L	07.15.2020 21:45	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 21:45	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 21:45	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 21:45	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 21:45	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 21:45	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 21:45	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 21:45	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 21:45	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 21:45	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 21:45	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 21:45	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 21:45	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 21:45	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 21:45	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 21:45	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 21:45	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 21:45	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 21:45	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 21:45	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 21:45	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 21:45	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 21:45	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 21:45	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 21:45	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 21:45	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 21:45	1
Styrene	ND	10.0	U	ug/L	07.15.2020 21:45	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 21:45	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 21:45	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 21:45	1
Toluene	ND	2.00	U	ug/L	07.15.2020 21:45	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 21:45	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 21:45	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-15**
 Lab Sample Id: 666827-015

Matrix: Ground Water
 Date Collected: 07.08.2020 10:31

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 21:45	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 21:45	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 21:45	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 21:45	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 21:45	1
Vinyl Acetate	ND	100	U	ug/L	07.15.2020 21:45	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 21:45	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 21:45	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	107	%	75-131	07.15.2020 21:45	
1,2-Dichloroethane-D4	17060-07-0	107	%	63-144	07.15.2020 21:45	
Toluene-D8	2037-26-5	95	%	80-117	07.15.2020 21:45	
4-Bromofluorobenzene	460-00-4	102	%	74-124	07.15.2020 21:45	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-16**
 Lab Sample Id: 666827-016

Matrix: Ground Water
 Date Collected: 07.07.2020 12:25

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 14:57	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 14:57	1
Barium	ND	0.0200	U	mg/L	07.14.2020 14:57	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 14:57	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 14:57	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 14:57	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 14:57	1
Copper	ND	0.0200	U	mg/L	07.14.2020 14:57	1
Lead	ND	0.0150	U	mg/L	07.14.2020 14:57	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 14:57	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 14:57	1
Silver	ND	0.0100	U	mg/L	07.14.2020 14:57	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 14:57	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 14:57	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 14:57	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-16**
Lab Sample Id: 666827-016

Matrix: Ground Water
Date Collected: 07.07.2020 12:25

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 22:08	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 22:08	1
Benzene	ND	2.00	U	ug/L	07.15.2020 22:08	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 22:08	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 22:08	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 22:08	1
Bromomethane	ND	10.0	U	ug/L	07.15.2020 22:08	1
2-Butanone	ND	100	U	ug/L	07.15.2020 22:08	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 22:08	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 22:08	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 22:08	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 22:08	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 22:08	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 22:08	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 22:08	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 22:08	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 22:08	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 22:08	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 22:08	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 22:08	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 22:08	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 22:08	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 22:08	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 22:08	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 22:08	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 22:08	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 22:08	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 22:08	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 22:08	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 22:08	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 22:08	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 22:08	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 22:08	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 22:08	1
Styrene	ND	10.0	U	ug/L	07.15.2020 22:08	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 22:08	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 22:08	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 22:08	1
Toluene	ND	2.00	U	ug/L	07.15.2020 22:08	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 22:08	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 22:08	1

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-16** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-016 Date Collected: 07.07.2020 12:25

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.15.2020 18:00
 Seq Number: 3131788 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 22:08	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 22:08	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 22:08	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 22:08	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 22:08	1
Vinyl Acetate	ND	100	U	ug/L	07.15.2020 22:08	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 22:08	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 22:08	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	107	%	75-131	07.15.2020 22:08	
1,2-Dichloroethane-D4	17060-07-0	105	%	63-144	07.15.2020 22:08	
Toluene-D8	2037-26-5	96	%	80-117	07.15.2020 22:08	
4-Bromofluorobenzene	460-00-4	99	%	74-124	07.15.2020 22:08	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-17** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-017 Date Collected: 07.08.2020 11:01

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.13.2020 10:00
 Seq Number: 3131510 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 15:00	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 15:00	1
Barium	0.0282	0.0200		mg/L	07.14.2020 15:00	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 15:00	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 15:00	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 15:00	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 15:00	1
Copper	ND	0.0200	U	mg/L	07.14.2020 15:00	1
Lead	ND	0.0150	U	mg/L	07.14.2020 15:00	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 15:00	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 15:00	1
Silver	ND	0.0100	U	mg/L	07.14.2020 15:00	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 15:00	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 15:00	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 15:00	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-17**
Lab Sample Id: 666827-017

Matrix: Ground Water
Date Collected: 07.08.2020 11:01

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 22:32	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 22:32	1
Benzene	ND	2.00	U	ug/L	07.15.2020 22:32	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 22:32	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 22:32	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 22:32	1
Bromomethane	ND	10.0	U	ug/L	07.15.2020 22:32	1
2-Butanone	ND	100	U	ug/L	07.15.2020 22:32	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 22:32	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 22:32	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 22:32	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 22:32	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 22:32	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 22:32	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 22:32	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 22:32	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 22:32	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 22:32	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 22:32	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 22:32	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 22:32	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 22:32	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 22:32	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 22:32	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 22:32	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 22:32	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 22:32	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 22:32	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 22:32	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 22:32	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 22:32	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 22:32	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 22:32	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 22:32	1
Styrene	ND	10.0	U	ug/L	07.15.2020 22:32	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 22:32	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 22:32	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 22:32	1
Toluene	ND	2.00	U	ug/L	07.15.2020 22:32	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 22:32	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 22:32	1

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-17**
 Lab Sample Id: 666827-017

Matrix: Ground Water
 Date Collected: 07.08.2020 11:01

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 22:32	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 22:32	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 22:32	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 22:32	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 22:32	1
Vinyl Acetate	ND	100	U	ug/L	07.15.2020 22:32	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 22:32	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 22:32	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	111	%	75-131	07.15.2020 22:32	
1,2-Dichloroethane-D4	17060-07-0	110	%	63-144	07.15.2020 22:32	
Toluene-D8	2037-26-5	96	%	80-117	07.15.2020 22:32	
4-Bromofluorobenzene	460-00-4	101	%	74-124	07.15.2020 22:32	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-18**
 Lab Sample Id: 666827-018

Matrix: Ground Water
 Date Collected: 07.08.2020 11:30

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 15:03	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 15:03	1
Barium	0.0250	0.0200		mg/L	07.14.2020 15:03	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 15:03	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 15:03	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 15:03	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 15:03	1
Copper	ND	0.0200	U	mg/L	07.14.2020 15:03	1
Lead	ND	0.0150	U	mg/L	07.14.2020 15:03	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 15:03	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 15:03	1
Silver	ND	0.0100	U	mg/L	07.14.2020 15:03	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 15:03	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 15:03	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 15:03	1

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-18**
 Lab Sample Id: 666827-018

Matrix: Ground Water
 Date Collected: 07.08.2020 11:30

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 22:55	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 22:55	1
Benzene	ND	2.00	U	ug/L	07.15.2020 22:55	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 22:55	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 22:55	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 22:55	1
Bromomethane	ND	10.0	U	ug/L	07.15.2020 22:55	1
2-Butanone	ND	100	U	ug/L	07.15.2020 22:55	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 22:55	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 22:55	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 22:55	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 22:55	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 22:55	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 22:55	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 22:55	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 22:55	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 22:55	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 22:55	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 22:55	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 22:55	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 22:55	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 22:55	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 22:55	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 22:55	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 22:55	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 22:55	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 22:55	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 22:55	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 22:55	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 22:55	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 22:55	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 22:55	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 22:55	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 22:55	1
Styrene	ND	10.0	U	ug/L	07.15.2020 22:55	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 22:55	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 22:55	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 22:55	1
Toluene	ND	2.00	U	ug/L	07.15.2020 22:55	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 22:55	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 22:55	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-18**
 Lab Sample Id: 666827-018

Matrix: Ground Water
 Date Collected: 07.08.2020 11:30

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 22:55	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 22:55	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 22:55	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 22:55	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 22:55	1
Vinyl Acetate	ND	100	U	ug/L	07.15.2020 22:55	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 22:55	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 22:55	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.15.2020 22:55	
1,2-Dichloroethane-D4	17060-07-0	106	%	63-144	07.15.2020 22:55	
Toluene-D8	2037-26-5	95	%	80-117	07.15.2020 22:55	
4-Bromofluorobenzene	460-00-4	99	%	74-124	07.15.2020 22:55	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-19**
 Lab Sample Id: 666827-019

Matrix: Ground Water
 Date Collected: 07.07.2020 13:59

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 15:06	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 15:06	1
Barium	ND	0.0200	U	mg/L	07.14.2020 15:06	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 15:06	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 15:06	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 15:06	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 15:06	1
Copper	ND	0.0200	U	mg/L	07.14.2020 15:06	1
Lead	ND	0.0150	U	mg/L	07.14.2020 15:06	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 15:06	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 15:06	1
Silver	ND	0.0100	U	mg/L	07.14.2020 15:06	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 15:06	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 15:06	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 15:06	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-19**
Lab Sample Id: 666827-019

Matrix: Ground Water
Date Collected: 07.07.2020 13:59

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.15.2020 23:19	1
Acrylonitrile	ND	50.0	U	ug/L	07.15.2020 23:19	1
Benzene	ND	2.00	U	ug/L	07.15.2020 23:19	1
Bromochloromethane	ND	10.0	U	ug/L	07.15.2020 23:19	1
Bromodichloromethane	ND	10.0	U	ug/L	07.15.2020 23:19	1
Bromoform	ND	10.0	U	ug/L	07.15.2020 23:19	1
Bromomethane	ND	10.0	U	ug/L	07.15.2020 23:19	1
2-Butanone	ND	100	U	ug/L	07.15.2020 23:19	1
Carbon Disulfide	ND	5.00	U	ug/L	07.15.2020 23:19	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.15.2020 23:19	1
Chlorobenzene	ND	10.0	U	ug/L	07.15.2020 23:19	1
Chloroethane	ND	2.00	U	ug/L	07.15.2020 23:19	1
Chloroform	ND	2.00	U	ug/L	07.15.2020 23:19	1
Chloromethane	ND	10.0	U	ug/L	07.15.2020 23:19	1
Dibromochloromethane	ND	10.0	U	ug/L	07.15.2020 23:19	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.15.2020 23:19	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.15.2020 23:19	1
Dibromomethane	ND	10.0	U	ug/L	07.15.2020 23:19	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 23:19	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.15.2020 23:19	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.15.2020 23:19	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 23:19	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.15.2020 23:19	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 23:19	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.15.2020 23:19	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.15.2020 23:19	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.15.2020 23:19	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.15.2020 23:19	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.15.2020 23:19	1
Ethylbenzene	ND	2.00	U	ug/L	07.15.2020 23:19	1
2-Hexanone	ND	50.0	U	ug/L	07.15.2020 23:19	1
Methylene Chloride	ND	5.00	U	ug/L	07.15.2020 23:19	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.15.2020 23:19	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.15.2020 23:19	1
Styrene	ND	10.0	U	ug/L	07.15.2020 23:19	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 23:19	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.15.2020 23:19	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.15.2020 23:19	1
Toluene	ND	2.00	U	ug/L	07.15.2020 23:19	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 23:19	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.15.2020 23:19	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-19**
 Lab Sample Id: 666827-019

Matrix: Ground Water
 Date Collected: 07.07.2020 13:59

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.15.2020 18:00

Seq Number: 3131788

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.15.2020 23:19	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.15.2020 23:19	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.15.2020 23:19	1
o-Xylene	ND	5.00	U	ug/L	07.15.2020 23:19	1
m,p-Xylenes	ND	5.00	U	ug/L	07.15.2020 23:19	1
Vinyl Acetate	ND	100	U	ug/L	07.15.2020 23:19	1
Vinyl Chloride	ND	2.00	U	ug/L	07.15.2020 23:19	1
Total Xylenes	ND	5.00	U	ug/L	07.15.2020 23:19	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.15.2020 23:19	
1,2-Dichloroethane-D4	17060-07-0	110	%	63-144	07.15.2020 23:19	
Toluene-D8	2037-26-5	97	%	80-117	07.15.2020 23:19	
4-Bromofluorobenzene	460-00-4	102	%	74-124	07.15.2020 23:19	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-20** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-020 Date Collected: 07.07.2020 13:24

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.13.2020 10:00
 Seq Number: 3131510 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 15:09	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 15:09	1
Barium	ND	0.0200	U	mg/L	07.14.2020 15:09	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 15:09	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 15:09	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 15:09	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 15:09	1
Copper	ND	0.0200	U	mg/L	07.14.2020 15:09	1
Lead	ND	0.0150	U	mg/L	07.14.2020 15:09	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 15:09	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 15:09	1
Silver	ND	0.0100	U	mg/L	07.14.2020 15:09	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 15:09	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 15:09	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 15:09	1

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-20**
 Lab Sample Id: 666827-020

Matrix: Ground Water
 Date Collected: 07.07.2020 13:24

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 10:00

Seq Number: 3131934

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 13:00	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 13:00	1
Benzene	ND	2.00	U	ug/L	07.16.2020 13:00	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 13:00	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 13:00	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 13:00	1
Bromomethane	ND	10.0	UX	ug/L	07.16.2020 13:00	1
2-Butanone	ND	100	U	ug/L	07.16.2020 13:00	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 13:00	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 13:00	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 13:00	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 13:00	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 13:00	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 13:00	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 13:00	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 13:00	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 13:00	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 13:00	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 13:00	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 13:00	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 13:00	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 13:00	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 13:00	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 13:00	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 13:00	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 13:00	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 13:00	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 13:00	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 13:00	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 13:00	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 13:00	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 13:00	1
Iodomethane (Methyl Iodide)	ND	100	UX	ug/L	07.16.2020 13:00	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 13:00	1
Styrene	ND	10.0	U	ug/L	07.16.2020 13:00	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 13:00	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 13:00	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 13:00	1
Toluene	ND	2.00	U	ug/L	07.16.2020 13:00	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 13:00	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 13:00	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-20** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-020 Date Collected: 07.07.2020 13:24

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.16.2020 10:00
 Seq Number: 3131934 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 13:00	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 13:00	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 13:00	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 13:00	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 13:00	1
Vinyl Acetate	ND	100	UX	ug/L	07.16.2020 13:00	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 13:00	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 13:00	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	104	%	75-131	07.16.2020 13:00	
1,2-Dichloroethane-D4	17060-07-0	105	%	63-144	07.16.2020 13:00	
Toluene-D8	2037-26-5	96	%	80-117	07.16.2020 13:00	
4-Bromofluorobenzene	460-00-4	103	%	74-124	07.16.2020 13:00	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-21**
 Lab Sample Id: 666827-021

Matrix: Ground Water
 Date Collected: 07.07.2020 13:09

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 15:12	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 15:12	1
Barium	ND	0.0200	U	mg/L	07.14.2020 15:12	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 15:12	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 15:12	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 15:12	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 15:12	1
Copper	ND	0.0200	U	mg/L	07.14.2020 15:12	1
Lead	ND	0.0150	U	mg/L	07.14.2020 15:12	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 15:12	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 15:12	1
Silver	ND	0.0100	U	mg/L	07.14.2020 15:12	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 15:12	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 15:12	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 15:12	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-21**
Lab Sample Id: 666827-021

Matrix: Ground Water
Date Collected: 07.07.2020 13:09

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 10:00

Seq Number: 3131934

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 13:25	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 13:25	1
Benzene	ND	2.00	U	ug/L	07.16.2020 13:25	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 13:25	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 13:25	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 13:25	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 13:25	1
2-Butanone	ND	100	U	ug/L	07.16.2020 13:25	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 13:25	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 13:25	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 13:25	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 13:25	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 13:25	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 13:25	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 13:25	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 13:25	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 13:25	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 13:25	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 13:25	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 13:25	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 13:25	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 13:25	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 13:25	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 13:25	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 13:25	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 13:25	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 13:25	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 13:25	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 13:25	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 13:25	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 13:25	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 13:25	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 13:25	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 13:25	1
Styrene	ND	10.0	U	ug/L	07.16.2020 13:25	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 13:25	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 13:25	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 13:25	1
Toluene	ND	2.00	U	ug/L	07.16.2020 13:25	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 13:25	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 13:25	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-21**
 Lab Sample Id: 666827-021

Matrix: Ground Water
 Date Collected: 07.07.2020 13:09

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 10:00

Seq Number: 3131934

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 13:25	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 13:25	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 13:25	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 13:25	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 13:25	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 13:25	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 13:25	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 13:25	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	105	%	75-131	07.16.2020 13:25	
1,2-Dichloroethane-D4	17060-07-0	102	%	63-144	07.16.2020 13:25	
Toluene-D8	2037-26-5	97	%	80-117	07.16.2020 13:25	
4-Bromofluorobenzene	460-00-4	102	%	74-124	07.16.2020 13:25	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-22**
 Lab Sample Id: 666827-022

Matrix: Ground Water
 Date Collected: 07.08.2020 12:08

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 15:20	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 15:20	1
Barium	ND	0.0200	U	mg/L	07.14.2020 15:20	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 15:20	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 15:20	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 15:20	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 15:20	1
Copper	ND	0.0200	U	mg/L	07.14.2020 15:20	1
Lead	ND	0.0150	U	mg/L	07.14.2020 15:20	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 15:20	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 15:20	1
Silver	ND	0.0100	U	mg/L	07.14.2020 15:20	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 15:20	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 15:20	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 15:20	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-22**
Lab Sample Id: 666827-022

Matrix: Ground Water
Date Collected: 07.08.2020 12:08

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 10:00

Seq Number: 3131934

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 13:49	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 13:49	1
Benzene	ND	2.00	U	ug/L	07.16.2020 13:49	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 13:49	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 13:49	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 13:49	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 13:49	1
2-Butanone	ND	100	U	ug/L	07.16.2020 13:49	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 13:49	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 13:49	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 13:49	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 13:49	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 13:49	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 13:49	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 13:49	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 13:49	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 13:49	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 13:49	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 13:49	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 13:49	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 13:49	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 13:49	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 13:49	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 13:49	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 13:49	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 13:49	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 13:49	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 13:49	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 13:49	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 13:49	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 13:49	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 13:49	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 13:49	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 13:49	1
Styrene	ND	10.0	U	ug/L	07.16.2020 13:49	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 13:49	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 13:49	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 13:49	1
Toluene	ND	2.00	U	ug/L	07.16.2020 13:49	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 13:49	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 13:49	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-22**
 Lab Sample Id: 666827-022

Matrix: Ground Water
 Date Collected: 07.08.2020 12:08

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 10:00

Seq Number: 3131934

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 13:49	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 13:49	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 13:49	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 13:49	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 13:49	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 13:49	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 13:49	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 13:49	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.16.2020 13:49	
1,2-Dichloroethane-D4	17060-07-0	111	%	63-144	07.16.2020 13:49	
Toluene-D8	2037-26-5	96	%	80-117	07.16.2020 13:49	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.16.2020 13:49	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-23**
 Lab Sample Id: 666827-023

Matrix: Ground Water
 Date Collected: 07.08.2020 12:53

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 15:24	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 15:24	1
Barium	ND	0.0200	U	mg/L	07.14.2020 15:24	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 15:24	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 15:24	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 15:24	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 15:24	1
Copper	ND	0.0200	U	mg/L	07.14.2020 15:24	1
Lead	ND	0.0150	U	mg/L	07.14.2020 15:24	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 15:24	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 15:24	1
Silver	ND	0.0100	U	mg/L	07.14.2020 15:24	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 15:24	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 15:24	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 15:24	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-23**
 Lab Sample Id: 666827-023

Matrix: Ground Water
 Date Collected: 07.08.2020 12:53

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 10:00

Seq Number: 3131934

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 14:13	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 14:13	1
Benzene	ND	2.00	U	ug/L	07.16.2020 14:13	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 14:13	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 14:13	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 14:13	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 14:13	1
2-Butanone	ND	100	U	ug/L	07.16.2020 14:13	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 14:13	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 14:13	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 14:13	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 14:13	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 14:13	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 14:13	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 14:13	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 14:13	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 14:13	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 14:13	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 14:13	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 14:13	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 14:13	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 14:13	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 14:13	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 14:13	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 14:13	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 14:13	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 14:13	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 14:13	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 14:13	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 14:13	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 14:13	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 14:13	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 14:13	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 14:13	1
Styrene	ND	10.0	U	ug/L	07.16.2020 14:13	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 14:13	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 14:13	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 14:13	1
Toluene	ND	2.00	U	ug/L	07.16.2020 14:13	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 14:13	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 14:13	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-23**
 Lab Sample Id: 666827-023

Matrix: Ground Water
 Date Collected: 07.08.2020 12:53

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 10:00

Seq Number: 3131934

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 14:13	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 14:13	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 14:13	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 14:13	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 14:13	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 14:13	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 14:13	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 14:13	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	106	%	75-131	07.16.2020 14:13	
1,2-Dichloroethane-D4	17060-07-0	106	%	63-144	07.16.2020 14:13	
Toluene-D8	2037-26-5	96	%	80-117	07.16.2020 14:13	
4-Bromofluorobenzene	460-00-4	101	%	74-124	07.16.2020 14:13	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-24**
 Lab Sample Id: 666827-024

Matrix: Ground Water
 Date Collected: 07.08.2020 13:52

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.13.2020 10:00

Seq Number: 3131510

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 15:27	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 15:27	1
Barium	ND	0.0200	U	mg/L	07.14.2020 15:27	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 15:27	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 15:27	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 15:27	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 15:27	1
Copper	ND	0.0200	U	mg/L	07.14.2020 15:27	1
Lead	ND	0.0150	U	mg/L	07.14.2020 15:27	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 15:27	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 15:27	1
Silver	ND	0.0100	U	mg/L	07.14.2020 15:27	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 15:27	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 15:27	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 15:27	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-24**
Lab Sample Id: 666827-024

Matrix: Ground Water
Date Collected: 07.08.2020 13:52

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 10:00

Seq Number: 3131934

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 14:36	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 14:36	1
Benzene	ND	2.00	U	ug/L	07.16.2020 14:36	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 14:36	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 14:36	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 14:36	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 14:36	1
2-Butanone	ND	100	U	ug/L	07.16.2020 14:36	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 14:36	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 14:36	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 14:36	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 14:36	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 14:36	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 14:36	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 14:36	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 14:36	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 14:36	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 14:36	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 14:36	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 14:36	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 14:36	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 14:36	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 14:36	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 14:36	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 14:36	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 14:36	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 14:36	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 14:36	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 14:36	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 14:36	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 14:36	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 14:36	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 14:36	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 14:36	1
Styrene	ND	10.0	U	ug/L	07.16.2020 14:36	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 14:36	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 14:36	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 14:36	1
Toluene	ND	2.00	U	ug/L	07.16.2020 14:36	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 14:36	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 14:36	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-24**
 Lab Sample Id: 666827-024

Matrix: Ground Water
 Date Collected: 07.08.2020 13:52

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 10:00

Seq Number: 3131934

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 14:36	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 14:36	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 14:36	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 14:36	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 14:36	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 14:36	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 14:36	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 14:36	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	107	%	75-131	07.16.2020 14:36	
1,2-Dichloroethane-D4	17060-07-0	109	%	63-144	07.16.2020 14:36	
Toluene-D8	2037-26-5	96	%	80-117	07.16.2020 14:36	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.16.2020 14:36	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-25** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-025 Date Collected: 07.08.2020 14:26

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.13.2020 10:00
 Seq Number: 3131510 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 15:30	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 15:30	1
Barium	ND	0.0200	U	mg/L	07.14.2020 15:30	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 15:30	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 15:30	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 15:30	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 15:30	1
Copper	ND	0.0200	U	mg/L	07.14.2020 15:30	1
Lead	ND	0.0150	U	mg/L	07.14.2020 15:30	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 15:30	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 15:30	1
Silver	ND	0.0100	U	mg/L	07.14.2020 15:30	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 15:30	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 15:30	1
Zinc	0.0578	0.0200		mg/L	07.14.2020 15:30	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-25**
Lab Sample Id: 666827-025

Matrix: Ground Water
Date Collected: 07.08.2020 14:26

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 19:59	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 19:59	1
Benzene	ND	2.00	U	ug/L	07.16.2020 19:59	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 19:59	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 19:59	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 19:59	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 19:59	1
2-Butanone	ND	100	U	ug/L	07.16.2020 19:59	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 19:59	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 19:59	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 19:59	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 19:59	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 19:59	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 19:59	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 19:59	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 19:59	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 19:59	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 19:59	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 19:59	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 19:59	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 19:59	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 19:59	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 19:59	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 19:59	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 19:59	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 19:59	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 19:59	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 19:59	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 19:59	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 19:59	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 19:59	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 19:59	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 19:59	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 19:59	1
Styrene	ND	10.0	U	ug/L	07.16.2020 19:59	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 19:59	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 19:59	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 19:59	1
Toluene	ND	2.00	U	ug/L	07.16.2020 19:59	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 19:59	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 19:59	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-25** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-025 Date Collected: 07.08.2020 14:26

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.16.2020 16:40
 Seq Number: 3131915 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 19:59	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 19:59	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 19:59	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 19:59	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 19:59	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 19:59	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 19:59	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 19:59	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.16.2020 19:59	
1,2-Dichloroethane-D4	17060-07-0	107	%	63-144	07.16.2020 19:59	
Toluene-D8	2037-26-5	97	%	80-117	07.16.2020 19:59	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.16.2020 19:59	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-26**
 Lab Sample Id: 666827-026

Matrix: Ground Water
 Date Collected: 07.08.2020 14:49

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.14.2020 08:20

Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 16:26	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 16:26	1
Barium	ND	0.0200	U	mg/L	07.14.2020 16:26	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 16:26	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 16:26	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 16:26	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 16:26	1
Copper	ND	0.0200	U	mg/L	07.14.2020 16:26	1
Lead	ND	0.0150	U	mg/L	07.14.2020 16:26	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 16:26	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 16:26	1
Silver	ND	0.0100	U	mg/L	07.14.2020 16:26	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 16:26	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 16:26	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 16:26	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-26**
Lab Sample Id: 666827-026

Matrix: Ground Water
Date Collected: 07.08.2020 14:49

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 20:23	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 20:23	1
Benzene	ND	2.00	U	ug/L	07.16.2020 20:23	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 20:23	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 20:23	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 20:23	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 20:23	1
2-Butanone	ND	100	U	ug/L	07.16.2020 20:23	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 20:23	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 20:23	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 20:23	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 20:23	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 20:23	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 20:23	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 20:23	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 20:23	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 20:23	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 20:23	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 20:23	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 20:23	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 20:23	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 20:23	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 20:23	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 20:23	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 20:23	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 20:23	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 20:23	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 20:23	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 20:23	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 20:23	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 20:23	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 20:23	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 20:23	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 20:23	1
Styrene	ND	10.0	U	ug/L	07.16.2020 20:23	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 20:23	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 20:23	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 20:23	1
Toluene	ND	2.00	U	ug/L	07.16.2020 20:23	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 20:23	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 20:23	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-26**
 Lab Sample Id: 666827-026

Matrix: Ground Water
 Date Collected: 07.08.2020 14:49

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 20:23	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 20:23	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 20:23	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 20:23	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 20:23	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 20:23	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 20:23	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 20:23	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.16.2020 20:23	
1,2-Dichloroethane-D4	17060-07-0	111	%	63-144	07.16.2020 20:23	
Toluene-D8	2037-26-5	95	%	80-117	07.16.2020 20:23	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.16.2020 20:23	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-27** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-027 Date Collected: 07.07.2020 11:54

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 16:59	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 16:59	1
Barium	ND	0.0200	U	mg/L	07.14.2020 16:59	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 16:59	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 16:59	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 16:59	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 16:59	1
Copper	ND	0.0200	U	mg/L	07.14.2020 16:59	1
Lead	ND	0.0150	U	mg/L	07.14.2020 16:59	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 16:59	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 16:59	1
Silver	ND	0.0100	U	mg/L	07.14.2020 16:59	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 16:59	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 16:59	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 16:59	1

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-27**
 Lab Sample Id: 666827-027

Matrix: Ground Water
 Date Collected: 07.07.2020 11:54

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 20:46	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 20:46	1
Benzene	ND	2.00	U	ug/L	07.16.2020 20:46	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 20:46	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 20:46	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 20:46	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 20:46	1
2-Butanone	ND	100	U	ug/L	07.16.2020 20:46	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 20:46	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 20:46	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 20:46	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 20:46	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 20:46	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 20:46	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 20:46	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 20:46	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 20:46	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 20:46	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 20:46	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 20:46	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 20:46	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 20:46	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 20:46	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 20:46	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 20:46	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 20:46	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 20:46	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 20:46	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 20:46	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 20:46	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 20:46	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 20:46	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 20:46	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 20:46	1
Styrene	ND	10.0	U	ug/L	07.16.2020 20:46	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 20:46	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 20:46	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 20:46	1
Toluene	ND	2.00	U	ug/L	07.16.2020 20:46	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 20:46	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 20:46	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-27**
 Lab Sample Id: 666827-027

Matrix: Ground Water
 Date Collected: 07.07.2020 11:54

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 20:46	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 20:46	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 20:46	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 20:46	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 20:46	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 20:46	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 20:46	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 20:46	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.16.2020 20:46	
1,2-Dichloroethane-D4	17060-07-0	108	%	63-144	07.16.2020 20:46	
Toluene-D8	2037-26-5	95	%	80-117	07.16.2020 20:46	
4-Bromofluorobenzene	460-00-4	101	%	74-124	07.16.2020 20:46	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-28** Matrix: Ground Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-028 Date Collected: 07.07.2020 12:25

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 17:02	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 17:02	1
Barium	ND	0.0200	U	mg/L	07.14.2020 17:02	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 17:02	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 17:02	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 17:02	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 17:02	1
Copper	ND	0.0200	U	mg/L	07.14.2020 17:02	1
Lead	ND	0.0150	U	mg/L	07.14.2020 17:02	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 17:02	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 17:02	1
Silver	ND	0.0100	U	mg/L	07.14.2020 17:02	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 17:02	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 17:02	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 17:02	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-28**
Lab Sample Id: 666827-028

Matrix: Ground Water
Date Collected: 07.07.2020 12:25

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 21:10	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 21:10	1
Benzene	ND	2.00	U	ug/L	07.16.2020 21:10	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 21:10	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 21:10	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 21:10	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 21:10	1
2-Butanone	ND	100	U	ug/L	07.16.2020 21:10	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 21:10	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 21:10	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 21:10	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 21:10	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 21:10	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 21:10	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 21:10	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 21:10	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 21:10	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 21:10	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 21:10	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 21:10	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 21:10	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 21:10	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 21:10	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 21:10	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 21:10	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 21:10	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 21:10	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 21:10	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 21:10	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 21:10	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 21:10	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 21:10	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 21:10	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 21:10	1
Styrene	ND	10.0	U	ug/L	07.16.2020 21:10	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 21:10	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 21:10	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 21:10	1
Toluene	ND	2.00	U	ug/L	07.16.2020 21:10	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 21:10	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 21:10	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-28**
 Lab Sample Id: 666827-028

Matrix: Ground Water
 Date Collected: 07.07.2020 12:25

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 21:10	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 21:10	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 21:10	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 21:10	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 21:10	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 21:10	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 21:10	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 21:10	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.16.2020 21:10	
1,2-Dichloroethane-D4	17060-07-0	107	%	63-144	07.16.2020 21:10	
Toluene-D8	2037-26-5	95	%	80-117	07.16.2020 21:10	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.16.2020 21:10	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-29**
 Lab Sample Id: 666827-029

Matrix: Ground Water
 Date Collected: 07.07.2020 12:49

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.14.2020 08:20

Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 17:05	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 17:05	1
Barium	ND	0.0200	U	mg/L	07.14.2020 17:05	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 17:05	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 17:05	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 17:05	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 17:05	1
Copper	ND	0.0200	U	mg/L	07.14.2020 17:05	1
Lead	ND	0.0150	U	mg/L	07.14.2020 17:05	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 17:05	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 17:05	1
Silver	ND	0.0100	U	mg/L	07.14.2020 17:05	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 17:05	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 17:05	1
Zinc	0.0237	0.0200		mg/L	07.14.2020 17:05	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-29**
Lab Sample Id: 666827-029

Matrix: Ground Water
Date Collected: 07.07.2020 12:49

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 21:33	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 21:33	1
Benzene	ND	2.00	U	ug/L	07.16.2020 21:33	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 21:33	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 21:33	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 21:33	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 21:33	1
2-Butanone	ND	100	U	ug/L	07.16.2020 21:33	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 21:33	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 21:33	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 21:33	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 21:33	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 21:33	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 21:33	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 21:33	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 21:33	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 21:33	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 21:33	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 21:33	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 21:33	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 21:33	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 21:33	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 21:33	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 21:33	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 21:33	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 21:33	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 21:33	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 21:33	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 21:33	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 21:33	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 21:33	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 21:33	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 21:33	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 21:33	1
Styrene	ND	10.0	U	ug/L	07.16.2020 21:33	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 21:33	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 21:33	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 21:33	1
Toluene	ND	2.00	U	ug/L	07.16.2020 21:33	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 21:33	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 21:33	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-29**
 Lab Sample Id: 666827-029

Matrix: Ground Water
 Date Collected: 07.07.2020 12:49

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 21:33	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 21:33	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 21:33	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 21:33	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 21:33	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 21:33	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 21:33	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 21:33	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	107	%	75-131	07.16.2020 21:33	
1,2-Dichloroethane-D4	17060-07-0	104	%	63-144	07.16.2020 21:33	
Toluene-D8	2037-26-5	96	%	80-117	07.16.2020 21:33	
4-Bromofluorobenzene	460-00-4	102	%	74-124	07.16.2020 21:33	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **Field Blank**
 Lab Sample Id: 666827-030

Matrix: Water
 Date Collected: 07.09.2020 13:10

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

% Moisture:

Analyst: DEP

Date Prep: 07.14.2020 08:20

Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 17:08	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 17:08	1
Barium	ND	0.0200	U	mg/L	07.14.2020 17:08	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 17:08	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 17:08	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 17:08	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 17:08	1
Copper	ND	0.0200	U	mg/L	07.14.2020 17:08	1
Lead	ND	0.0150	U	mg/L	07.14.2020 17:08	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 17:08	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 17:08	1
Silver	ND	0.0100	U	mg/L	07.14.2020 17:08	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 17:08	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 17:08	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 17:08	1

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **Field Blank**
 Lab Sample Id: 666827-030

Matrix: Water
 Date Collected: 07.09.2020 13:10

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 21:57	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 21:57	1
Benzene	ND	2.00	U	ug/L	07.16.2020 21:57	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 21:57	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 21:57	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 21:57	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 21:57	1
2-Butanone	ND	100	U	ug/L	07.16.2020 21:57	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 21:57	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 21:57	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 21:57	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 21:57	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 21:57	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 21:57	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 21:57	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 21:57	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 21:57	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 21:57	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 21:57	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 21:57	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 21:57	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 21:57	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 21:57	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 21:57	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 21:57	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 21:57	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 21:57	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 21:57	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 21:57	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 21:57	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 21:57	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 21:57	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 21:57	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 21:57	1
Styrene	ND	10.0	U	ug/L	07.16.2020 21:57	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 21:57	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 21:57	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 21:57	1
Toluene	ND	2.00	U	ug/L	07.16.2020 21:57	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 21:57	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 21:57	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **Field Blank** Matrix: Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-030 Date Collected: 07.09.2020 13:10

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.16.2020 16:40
 Seq Number: 3131915 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 21:57	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 21:57	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 21:57	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 21:57	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 21:57	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 21:57	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 21:57	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 21:57	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	109	%	75-131	07.16.2020 21:57	
1,2-Dichloroethane-D4	17060-07-0	111	%	63-144	07.16.2020 21:57	
Toluene-D8	2037-26-5	96	%	80-117	07.16.2020 21:57	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.16.2020 21:57	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **Trip Blank**
 Lab Sample Id: 666827-031

Matrix: Water
 Date Collected: 07.06.2020 08:00

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 22:20	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 22:20	1
Benzene	ND	2.00	U	ug/L	07.16.2020 22:20	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 22:20	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 22:20	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 22:20	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 22:20	1
2-Butanone	ND	100	U	ug/L	07.16.2020 22:20	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 22:20	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 22:20	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 22:20	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 22:20	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 22:20	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 22:20	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 22:20	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 22:20	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 22:20	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 22:20	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 22:20	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 22:20	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 22:20	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 22:20	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 22:20	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 22:20	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 22:20	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 22:20	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 22:20	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 22:20	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 22:20	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 22:20	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 22:20	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 22:20	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 22:20	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 22:20	1
Styrene	ND	10.0	U	ug/L	07.16.2020 22:20	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 22:20	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 22:20	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 22:20	1
Toluene	ND	2.00	U	ug/L	07.16.2020 22:20	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 22:20	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 22:20	1

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **Trip Blank**
 Lab Sample Id: 666827-031

Matrix: Water
 Date Collected: 07.06.2020 08:00

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 22:20	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 22:20	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 22:20	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 22:20	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 22:20	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 22:20	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 22:20	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 22:20	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	109	%	75-131	07.16.2020 22:20	
1,2-Dichloroethane-D4	17060-07-0	104	%	63-144	07.16.2020 22:20	
Toluene-D8	2037-26-5	94	%	80-117	07.16.2020 22:20	
4-Bromofluorobenzene	460-00-4	100	%	74-124	07.16.2020 22:20	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWA-1** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-032 Date Collected: 07.09.2020 11:51

Analytical Method: Chloride by SW 9056A Prep Method: SW9056P
 Tech: JYM % Moisture:
 Analyst: JYM Date Prep: 07.13.2020 09:40
 Seq Number: 3131481

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Chloride	2.23	0.500		mg/L	07.13.2020 11:39	1

Analytical Method: TOC by SM 5310C Prep Method: SM5310P
 Tech: JYM % Moisture:
 Analyst: JYM Date Prep: 07.17.2020 15:40
 Seq Number: 3132020

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Total Organic Carbon	1.33	1.00		mg/L	07.17.2020 18:33	1

Analytical Method: Total Cyanide by EPA 335.4 Prep Method: E335.4P
 Tech: KCS % Moisture:
 Analyst: KCS Date Prep: 07.15.2020 14:00
 Seq Number: 3131722

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Cyanide, Total	ND	0.0100	U	mg/L	07.15.2020 16:32	1

Analytical Method: Chemical Oxygen Demand by HACH 8000
 Tech: TAH % Moisture:
 Analyst: TAH
 Seq Number: 3132005

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
COD - Chemical Oxygen Demand	ND	10.0	U	mg/L	07.17.2020 16:46	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWA-1** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-032 Date Collected: 07.09.2020 11:51

Analytical Method: Dissolved Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131613

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Arsenic, Dissolved	ND	0.0100	U	mg/L	07.14.2020 15:53	1
Barium, Dissolved	ND	0.0100	U	mg/L	07.14.2020 15:53	1
Cadmium, Dissolved	ND	0.0100	U	mg/L	07.14.2020 15:53	1
Chromium, Dissolved	ND	0.0100	U	mg/L	07.14.2020 15:53	1
Lead, Dissolved	ND	0.0250	U	mg/L	07.14.2020 15:53	1
Nickel, Dissolved	ND	0.0200	U	mg/L	07.14.2020 15:53	1
Silver, Dissolved	ND	0.0100	U	mg/L	07.14.2020 15:53	1
Zinc, Dissolved	ND	0.0200	U	mg/L	07.14.2020 15:53	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P
 Tech: VID % Moisture:
 Analyst: ANJ Date Prep: 07.15.2020 09:10
 Seq Number: 3131733

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Mercury	ND	0.000500	U	mg/L	07.15.2020 15:57	1

Analytical Method: Total Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Selenium	ND	0.0400	U	mg/L	07.14.2020 17:11	1

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-1** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-033 Date Collected: 07.09.2020 11:06

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131610 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 17:14	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 17:14	1
Barium	0.0508	0.0200		mg/L	07.14.2020 17:14	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 17:14	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 17:14	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 17:14	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 17:14	1
Copper	ND	0.0200	U	mg/L	07.14.2020 17:14	1
Lead	ND	0.0150	U	mg/L	07.14.2020 17:14	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 17:14	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 17:14	1
Silver	ND	0.0100	U	mg/L	07.14.2020 17:14	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 17:14	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 17:14	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 17:14	1

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-1**
 Lab Sample Id: 666827-033

Matrix: Surface Water
 Date Collected: 07.09.2020 11:06

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 22:44	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 22:44	1
Benzene	ND	2.00	U	ug/L	07.16.2020 22:44	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 22:44	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 22:44	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 22:44	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 22:44	1
2-Butanone	ND	100	U	ug/L	07.16.2020 22:44	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 22:44	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 22:44	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 22:44	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 22:44	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 22:44	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 22:44	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 22:44	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 22:44	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 22:44	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 22:44	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 22:44	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 22:44	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 22:44	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 22:44	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 22:44	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 22:44	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 22:44	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 22:44	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 22:44	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 22:44	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 22:44	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 22:44	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 22:44	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 22:44	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 22:44	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 22:44	1
Styrene	ND	10.0	U	ug/L	07.16.2020 22:44	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 22:44	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 22:44	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 22:44	1
Toluene	ND	2.00	U	ug/L	07.16.2020 22:44	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 22:44	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 22:44	1

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-1**
 Lab Sample Id: 666827-033

Matrix: Surface Water
 Date Collected: 07.09.2020 11:06

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 22:44	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 22:44	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 22:44	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 22:44	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 22:44	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 22:44	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 22:44	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 22:44	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	107	%	75-131	07.16.2020 22:44	
1,2-Dichloroethane-D4	17060-07-0	106	%	63-144	07.16.2020 22:44	
Toluene-D8	2037-26-5	97	%	80-117	07.16.2020 22:44	
4-Bromofluorobenzene	460-00-4	104	%	74-124	07.16.2020 22:44	

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-5** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-034 Date Collected: 07.06.2020 13:34

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 17:23	1
Arsenic	0.126	0.0100		mg/L	07.14.2020 17:23	1
Barium	0.0524	0.0200		mg/L	07.14.2020 17:23	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 17:23	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 17:23	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 17:23	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 17:23	1
Copper	ND	0.0200	U	mg/L	07.14.2020 17:23	1
Lead	ND	0.0150	U	mg/L	07.14.2020 17:23	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 17:23	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 17:23	1
Silver	ND	0.0100	U	mg/L	07.14.2020 17:23	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 17:23	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 17:23	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 17:23	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **SWC-5**
Lab Sample Id: 666827-034

Matrix: Surface Water
Date Collected: 07.06.2020 13:34

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 23:07	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 23:07	1
Benzene	ND	2.00	U	ug/L	07.16.2020 23:07	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 23:07	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 23:07	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 23:07	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 23:07	1
2-Butanone	ND	100	U	ug/L	07.16.2020 23:07	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 23:07	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 23:07	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 23:07	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 23:07	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 23:07	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 23:07	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 23:07	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 23:07	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 23:07	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 23:07	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 23:07	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 23:07	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 23:07	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 23:07	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 23:07	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 23:07	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 23:07	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 23:07	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 23:07	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 23:07	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 23:07	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 23:07	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 23:07	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 23:07	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 23:07	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 23:07	1
Styrene	ND	10.0	U	ug/L	07.16.2020 23:07	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 23:07	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 23:07	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 23:07	1
Toluene	ND	2.00	U	ug/L	07.16.2020 23:07	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 23:07	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 23:07	1

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-5**
 Lab Sample Id: 666827-034

Matrix: Surface Water
 Date Collected: 07.06.2020 13:34

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 23:07	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 23:07	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 23:07	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 23:07	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 23:07	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 23:07	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 23:07	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 23:07	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	109	%	75-131	07.16.2020 23:07	
1,2-Dichloroethane-D4	17060-07-0	108	%	63-144	07.16.2020 23:07	
Toluene-D8	2037-26-5	95	%	80-117	07.16.2020 23:07	
4-Bromofluorobenzene	460-00-4	98	%	74-124	07.16.2020 23:07	

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-6** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-035 Date Collected: 07.09.2020 11:21

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 17:26	1
Arsenic	0.0351	0.0100		mg/L	07.14.2020 17:26	1
Barium	0.0411	0.0200		mg/L	07.14.2020 17:26	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 17:26	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 17:26	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 17:26	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 17:26	1
Copper	ND	0.0200	U	mg/L	07.14.2020 17:26	1
Lead	ND	0.0150	U	mg/L	07.14.2020 17:26	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 17:26	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 17:26	1
Silver	ND	0.0100	U	mg/L	07.14.2020 17:26	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 17:26	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 17:26	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 17:26	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **SWC-6** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-035 Date Collected: 07.09.2020 11:21

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.16.2020 16:40
 Seq Number: 3131915 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 23:31	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 23:31	1
Benzene	ND	2.00	U	ug/L	07.16.2020 23:31	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 23:31	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 23:31	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 23:31	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 23:31	1
2-Butanone	ND	100	U	ug/L	07.16.2020 23:31	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 23:31	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 23:31	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 23:31	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 23:31	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 23:31	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 23:31	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 23:31	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 23:31	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 23:31	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 23:31	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 23:31	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 23:31	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 23:31	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 23:31	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 23:31	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 23:31	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 23:31	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 23:31	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 23:31	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 23:31	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 23:31	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 23:31	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 23:31	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 23:31	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 23:31	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 23:31	1
Styrene	ND	10.0	U	ug/L	07.16.2020 23:31	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 23:31	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 23:31	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 23:31	1
Toluene	ND	2.00	U	ug/L	07.16.2020 23:31	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 23:31	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 23:31	1

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-6** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-035 Date Collected: 07.09.2020 11:21

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.16.2020 16:40
 Seq Number: 3131915 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 23:31	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 23:31	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 23:31	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 23:31	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 23:31	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 23:31	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 23:31	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 23:31	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.16.2020 23:31	
1,2-Dichloroethane-D4	17060-07-0	106	%	63-144	07.16.2020 23:31	
Toluene-D8	2037-26-5	95	%	80-117	07.16.2020 23:31	
4-Bromofluorobenzene	460-00-4	98	%	74-124	07.16.2020 23:31	

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-7** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-036 Date Collected: 07.09.2020 11:32

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 17:29	1
Arsenic	0.0273	0.0100		mg/L	07.14.2020 17:29	1
Barium	ND	0.0200	U	mg/L	07.14.2020 17:29	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 17:29	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 17:29	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 17:29	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 17:29	1
Copper	ND	0.0200	U	mg/L	07.14.2020 17:29	1
Lead	ND	0.0150	U	mg/L	07.14.2020 17:29	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 17:29	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 17:29	1
Silver	ND	0.0100	U	mg/L	07.14.2020 17:29	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 17:29	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 17:29	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 17:29	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **SWC-7** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-036 Date Collected: 07.09.2020 11:32

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.16.2020 16:40
 Seq Number: 3131915 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.16.2020 23:55	1
Acrylonitrile	ND	50.0	U	ug/L	07.16.2020 23:55	1
Benzene	ND	2.00	U	ug/L	07.16.2020 23:55	1
Bromochloromethane	ND	10.0	U	ug/L	07.16.2020 23:55	1
Bromodichloromethane	ND	10.0	U	ug/L	07.16.2020 23:55	1
Bromoform	ND	10.0	U	ug/L	07.16.2020 23:55	1
Bromomethane	ND	10.0	U	ug/L	07.16.2020 23:55	1
2-Butanone	ND	100	U	ug/L	07.16.2020 23:55	1
Carbon Disulfide	ND	5.00	U	ug/L	07.16.2020 23:55	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.16.2020 23:55	1
Chlorobenzene	ND	10.0	U	ug/L	07.16.2020 23:55	1
Chloroethane	ND	2.00	U	ug/L	07.16.2020 23:55	1
Chloroform	ND	2.00	U	ug/L	07.16.2020 23:55	1
Chloromethane	ND	10.0	U	ug/L	07.16.2020 23:55	1
Dibromochloromethane	ND	10.0	U	ug/L	07.16.2020 23:55	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.16.2020 23:55	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.16.2020 23:55	1
Dibromomethane	ND	10.0	U	ug/L	07.16.2020 23:55	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 23:55	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.16.2020 23:55	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.16.2020 23:55	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 23:55	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.16.2020 23:55	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 23:55	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.16.2020 23:55	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.16.2020 23:55	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.16.2020 23:55	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.16.2020 23:55	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.16.2020 23:55	1
Ethylbenzene	ND	2.00	U	ug/L	07.16.2020 23:55	1
2-Hexanone	ND	50.0	U	ug/L	07.16.2020 23:55	1
Methylene Chloride	ND	5.00	U	ug/L	07.16.2020 23:55	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.16.2020 23:55	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.16.2020 23:55	1
Styrene	ND	10.0	U	ug/L	07.16.2020 23:55	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 23:55	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.16.2020 23:55	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.16.2020 23:55	1
Toluene	ND	2.00	U	ug/L	07.16.2020 23:55	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 23:55	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.16.2020 23:55	1

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Eagle Point Landfill

Sample Id: **SWC-7** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-036 Date Collected: 07.09.2020 11:32

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.16.2020 16:40
 Seq Number: 3131915 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.16.2020 23:55	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.16.2020 23:55	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.16.2020 23:55	1
o-Xylene	ND	5.00	U	ug/L	07.16.2020 23:55	1
m,p-Xylenes	ND	5.00	U	ug/L	07.16.2020 23:55	1
Vinyl Acetate	ND	100	U	ug/L	07.16.2020 23:55	1
Vinyl Chloride	ND	2.00	U	ug/L	07.16.2020 23:55	1
Total Xylenes	ND	5.00	U	ug/L	07.16.2020 23:55	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	110	%	75-131	07.16.2020 23:55	
1,2-Dichloroethane-D4	17060-07-0	109	%	63-144	07.16.2020 23:55	
Toluene-D8	2037-26-5	95	%	80-117	07.16.2020 23:55	
4-Bromofluorobenzene	460-00-4	101	%	74-124	07.16.2020 23:55	

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Eagle Point Landfill

Sample Id: **SWC-8** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-037 Date Collected: 07.09.2020 12:11

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131610 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 17:32	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 17:32	1
Barium	ND	0.0200	U	mg/L	07.14.2020 17:32	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 17:32	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 17:32	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 17:32	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 17:32	1
Copper	ND	0.0200	U	mg/L	07.14.2020 17:32	1
Lead	ND	0.0150	U	mg/L	07.14.2020 17:32	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 17:32	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 17:32	1
Silver	ND	0.0100	U	mg/L	07.14.2020 17:32	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 17:32	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 17:32	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 17:32	1

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-8**
 Lab Sample Id: 666827-037

Matrix: Surface Water
 Date Collected: 07.09.2020 12:11

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.17.2020 00:18	1
Acrylonitrile	ND	50.0	U	ug/L	07.17.2020 00:18	1
Benzene	ND	2.00	U	ug/L	07.17.2020 00:18	1
Bromochloromethane	ND	10.0	U	ug/L	07.17.2020 00:18	1
Bromodichloromethane	ND	10.0	U	ug/L	07.17.2020 00:18	1
Bromoform	ND	10.0	U	ug/L	07.17.2020 00:18	1
Bromomethane	ND	10.0	U	ug/L	07.17.2020 00:18	1
2-Butanone	ND	100	U	ug/L	07.17.2020 00:18	1
Carbon Disulfide	ND	5.00	U	ug/L	07.17.2020 00:18	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.17.2020 00:18	1
Chlorobenzene	ND	10.0	U	ug/L	07.17.2020 00:18	1
Chloroethane	ND	2.00	U	ug/L	07.17.2020 00:18	1
Chloroform	ND	2.00	U	ug/L	07.17.2020 00:18	1
Chloromethane	ND	10.0	U	ug/L	07.17.2020 00:18	1
Dibromochloromethane	ND	10.0	U	ug/L	07.17.2020 00:18	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.17.2020 00:18	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.17.2020 00:18	1
Dibromomethane	ND	10.0	U	ug/L	07.17.2020 00:18	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.17.2020 00:18	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.17.2020 00:18	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.17.2020 00:18	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.17.2020 00:18	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.17.2020 00:18	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.17.2020 00:18	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.17.2020 00:18	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.17.2020 00:18	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.17.2020 00:18	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.17.2020 00:18	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.17.2020 00:18	1
Ethylbenzene	ND	2.00	U	ug/L	07.17.2020 00:18	1
2-Hexanone	ND	50.0	U	ug/L	07.17.2020 00:18	1
Methylene Chloride	ND	5.00	U	ug/L	07.17.2020 00:18	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.17.2020 00:18	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.17.2020 00:18	1
Styrene	ND	10.0	U	ug/L	07.17.2020 00:18	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.17.2020 00:18	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.17.2020 00:18	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.17.2020 00:18	1
Toluene	ND	2.00	U	ug/L	07.17.2020 00:18	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.17.2020 00:18	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.17.2020 00:18	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-8** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-037 Date Collected: 07.09.2020 12:11

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.16.2020 16:40
 Seq Number: 3131915 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.17.2020 00:18	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.17.2020 00:18	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.17.2020 00:18	1
o-Xylene	ND	5.00	U	ug/L	07.17.2020 00:18	1
m,p-Xylenes	ND	5.00	U	ug/L	07.17.2020 00:18	1
Vinyl Acetate	ND	100	U	ug/L	07.17.2020 00:18	1
Vinyl Chloride	ND	2.00	U	ug/L	07.17.2020 00:18	1
Total Xylenes	ND	5.00	U	ug/L	07.17.2020 00:18	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	107	%	75-131	07.17.2020 00:18	
1,2-Dichloroethane-D4	17060-07-0	107	%	63-144	07.17.2020 00:18	
Toluene-D8	2037-26-5	94	%	80-117	07.17.2020 00:18	
4-Bromofluorobenzene	460-00-4	99	%	74-124	07.17.2020 00:18	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-9**
 Lab Sample Id: 666827-038

Matrix: Surface Water
 Date Collected: 07.06.2020 14:23

Date Received: 07.09.2020 15:30

Analytical Method: Chloride by SW 9056A

Tech: JYM

Analyst: JYM

Seq Number: 3131481

Date Prep: 07.13.2020 09:40

Prep Method: SW9056P

% Moisture:

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Chloride	2.26	0.500		mg/L	07.13.2020 11:51	1

Analytical Method: TOC by SM 5310C

Tech: JYM

Analyst: JYM

Seq Number: 3132020

Date Prep: 07.17.2020 15:40

Prep Method: SM5310P

% Moisture:

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Total Organic Carbon	ND	2.00	UD	mg/L	07.20.2020 10:47	2

Analytical Method: Total Cyanide by EPA 335.4

Tech: KCS

Analyst: KCS

Seq Number: 3131722

Date Prep: 07.15.2020 14:00

Prep Method: E335.4P

% Moisture:

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Cyanide, Total	ND	0.0100	U	mg/L	07.15.2020 16:34	1

Analytical Method: Chemical Oxygen Demand by HACH 8000

Tech: TAH

Analyst: TAH

Seq Number: 3132005

% Moisture:

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
COD - Chemical Oxygen Demand	ND	10.0	U	mg/L	07.17.2020 16:46	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-9** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-038 Date Collected: 07.06.2020 14:23

Analytical Method: Dissolved Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131613

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Arsenic, Dissolved	ND	0.0100	U	mg/L	07.14.2020 15:50	1
Barium, Dissolved	ND	0.0100	U	mg/L	07.14.2020 15:50	1
Cadmium, Dissolved	ND	0.0100	U	mg/L	07.14.2020 15:50	1
Chromium, Dissolved	ND	0.0100	U	mg/L	07.14.2020 15:50	1
Lead, Dissolved	ND	0.0250	U	mg/L	07.14.2020 15:50	1
Nickel, Dissolved	ND	0.0200	U	mg/L	07.14.2020 15:50	1
Silver, Dissolved	ND	0.0100	U	mg/L	07.14.2020 15:50	1
Zinc, Dissolved	ND	0.0200	U	mg/L	07.14.2020 15:50	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P
 Tech: VID % Moisture:
 Analyst: ANJ Date Prep: 07.15.2020 09:10
 Seq Number: 3131733

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Mercury	ND	0.000500	U	mg/L	07.15.2020 17:06	1

Analytical Method: Total Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Selenium	ND	0.0400	U	mg/L	07.14.2020 17:35	1

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Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **SWC-10** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-039 Date Collected: 07.09.2020 12:32

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 17:38	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 17:38	1
Barium	ND	0.0200	U	mg/L	07.14.2020 17:38	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 17:38	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 17:38	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 17:38	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 17:38	1
Copper	ND	0.0200	U	mg/L	07.14.2020 17:38	1
Lead	ND	0.0150	U	mg/L	07.14.2020 17:38	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 17:38	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 17:38	1
Silver	ND	0.0100	U	mg/L	07.14.2020 17:38	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 17:38	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 17:38	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 17:38	1

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **SWC-10**
Lab Sample Id: 666827-039

Matrix: Surface Water
Date Collected: 07.09.2020 12:32

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.17.2020 00:42	1
Acrylonitrile	ND	50.0	U	ug/L	07.17.2020 00:42	1
Benzene	ND	2.00	U	ug/L	07.17.2020 00:42	1
Bromochloromethane	ND	10.0	U	ug/L	07.17.2020 00:42	1
Bromodichloromethane	ND	10.0	U	ug/L	07.17.2020 00:42	1
Bromoform	ND	10.0	U	ug/L	07.17.2020 00:42	1
Bromomethane	ND	10.0	U	ug/L	07.17.2020 00:42	1
2-Butanone	ND	100	U	ug/L	07.17.2020 00:42	1
Carbon Disulfide	ND	5.00	U	ug/L	07.17.2020 00:42	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.17.2020 00:42	1
Chlorobenzene	ND	10.0	U	ug/L	07.17.2020 00:42	1
Chloroethane	ND	2.00	U	ug/L	07.17.2020 00:42	1
Chloroform	ND	2.00	U	ug/L	07.17.2020 00:42	1
Chloromethane	ND	10.0	U	ug/L	07.17.2020 00:42	1
Dibromochloromethane	ND	10.0	U	ug/L	07.17.2020 00:42	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.17.2020 00:42	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.17.2020 00:42	1
Dibromomethane	ND	10.0	U	ug/L	07.17.2020 00:42	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.17.2020 00:42	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.17.2020 00:42	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.17.2020 00:42	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.17.2020 00:42	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.17.2020 00:42	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.17.2020 00:42	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.17.2020 00:42	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.17.2020 00:42	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.17.2020 00:42	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.17.2020 00:42	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.17.2020 00:42	1
Ethylbenzene	ND	2.00	U	ug/L	07.17.2020 00:42	1
2-Hexanone	ND	50.0	U	ug/L	07.17.2020 00:42	1
Methylene Chloride	ND	5.00	U	ug/L	07.17.2020 00:42	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.17.2020 00:42	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.17.2020 00:42	1
Styrene	ND	10.0	U	ug/L	07.17.2020 00:42	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.17.2020 00:42	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.17.2020 00:42	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.17.2020 00:42	1
Toluene	ND	2.00	U	ug/L	07.17.2020 00:42	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.17.2020 00:42	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.17.2020 00:42	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **SWC-10** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-039 Date Collected: 07.09.2020 12:32

Analytical Method: Appendix I VOCs by SW-846 8260B Prep Method: SW5030B
 Tech: EZA % Moisture:
 Analyst: EZA Date Prep: 07.16.2020 16:40
 Seq Number: 3131915 **SUB: E871002**

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.17.2020 00:42	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.17.2020 00:42	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.17.2020 00:42	1
o-Xylene	ND	5.00	U	ug/L	07.17.2020 00:42	1
m,p-Xylenes	ND	5.00	U	ug/L	07.17.2020 00:42	1
Vinyl Acetate	ND	100	U	ug/L	07.17.2020 00:42	1
Vinyl Chloride	ND	2.00	U	ug/L	07.17.2020 00:42	1
Total Xylenes	ND	5.00	U	ug/L	07.17.2020 00:42	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	75-131	07.17.2020 00:42	
1,2-Dichloroethane-D4	17060-07-0	112	%	63-144	07.17.2020 00:42	
Toluene-D8	2037-26-5	96	%	80-117	07.17.2020 00:42	
4-Bromofluorobenzene	460-00-4	101	%	74-124	07.17.2020 00:42	

Project: Eagle Point Landfill

Certificate of Analytical Results 666827

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-12** Matrix: Surface Water Date Received: 07.09.2020 15:30
 Lab Sample Id: 666827-040 Date Collected: 07.09.2020 10:51

Analytical Method: Appendix I Metals by SW-846 6020A Prep Method: SW3010A
 Tech: MLI % Moisture:
 Analyst: DEP Date Prep: 07.14.2020 08:20
 Seq Number: 3131610

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.14.2020 17:40	1
Arsenic	ND	0.0100	U	mg/L	07.14.2020 17:40	1
Barium	0.0352	0.0200		mg/L	07.14.2020 17:40	1
Beryllium	ND	0.00300	U	mg/L	07.14.2020 17:40	1
Cadmium	ND	0.00500	U	mg/L	07.14.2020 17:40	1
Chromium	ND	0.0100	U	mg/L	07.14.2020 17:40	1
Cobalt	ND	0.0400	U	mg/L	07.14.2020 17:40	1
Copper	ND	0.0200	U	mg/L	07.14.2020 17:40	1
Lead	ND	0.0150	U	mg/L	07.14.2020 17:40	1
Nickel	ND	0.0200	U	mg/L	07.14.2020 17:40	1
Selenium	ND	0.0100	U	mg/L	07.14.2020 17:40	1
Silver	ND	0.0100	U	mg/L	07.14.2020 17:40	1
Thallium	ND	0.00200	U	mg/L	07.14.2020 17:40	1
Vanadium	ND	0.0200	U	mg/L	07.14.2020 17:40	1
Zinc	ND	0.0200	U	mg/L	07.14.2020 17:40	1

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-12**
 Lab Sample Id: 666827-040

Matrix: Surface Water
 Date Collected: 07.09.2020 10:51

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.17.2020 01:05	1
Acrylonitrile	ND	50.0	U	ug/L	07.17.2020 01:05	1
Benzene	ND	2.00	U	ug/L	07.17.2020 01:05	1
Bromochloromethane	ND	10.0	U	ug/L	07.17.2020 01:05	1
Bromodichloromethane	ND	10.0	U	ug/L	07.17.2020 01:05	1
Bromoform	ND	10.0	U	ug/L	07.17.2020 01:05	1
Bromomethane	ND	10.0	U	ug/L	07.17.2020 01:05	1
2-Butanone	ND	100	U	ug/L	07.17.2020 01:05	1
Carbon Disulfide	ND	5.00	U	ug/L	07.17.2020 01:05	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.17.2020 01:05	1
Chlorobenzene	ND	10.0	U	ug/L	07.17.2020 01:05	1
Chloroethane	ND	2.00	U	ug/L	07.17.2020 01:05	1
Chloroform	ND	2.00	U	ug/L	07.17.2020 01:05	1
Chloromethane	ND	10.0	U	ug/L	07.17.2020 01:05	1
Dibromochloromethane	ND	10.0	U	ug/L	07.17.2020 01:05	1
1,2-Dibromo-3-Chloropropane	ND	25.0	U	ug/L	07.17.2020 01:05	1
1,2-Dibromoethane	ND	5.00	U	ug/L	07.17.2020 01:05	1
Dibromomethane	ND	10.0	U	ug/L	07.17.2020 01:05	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.17.2020 01:05	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.17.2020 01:05	1
trans-1,4-dichloro-2-butene	ND	5.00	U	ug/L	07.17.2020 01:05	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.17.2020 01:05	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.17.2020 01:05	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.17.2020 01:05	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.17.2020 01:05	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.17.2020 01:05	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.17.2020 01:05	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.17.2020 01:05	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.17.2020 01:05	1
Ethylbenzene	ND	2.00	U	ug/L	07.17.2020 01:05	1
2-Hexanone	ND	50.0	U	ug/L	07.17.2020 01:05	1
Methylene Chloride	ND	5.00	U	ug/L	07.17.2020 01:05	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.17.2020 01:05	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.17.2020 01:05	1
Styrene	ND	10.0	U	ug/L	07.17.2020 01:05	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.17.2020 01:05	1
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.17.2020 01:05	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.17.2020 01:05	1
Toluene	ND	2.00	U	ug/L	07.17.2020 01:05	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.17.2020 01:05	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.17.2020 01:05	1

Project: Eagle Point Landfill

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Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **SWC-12**
 Lab Sample Id: 666827-040

Matrix: Surface Water
 Date Collected: 07.09.2020 10:51

Date Received: 07.09.2020 15:30

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: EZA

% Moisture:

Analyst: EZA

Date Prep: 07.16.2020 16:40

Seq Number: 3131915

SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Trichloroethene	ND	2.00	U	ug/L	07.17.2020 01:05	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.17.2020 01:05	1
1,2,3-Trichloropropane	ND	10.0	U	ug/L	07.17.2020 01:05	1
o-Xylene	ND	5.00	U	ug/L	07.17.2020 01:05	1
m,p-Xylenes	ND	5.00	U	ug/L	07.17.2020 01:05	1
Vinyl Acetate	ND	100	U	ug/L	07.17.2020 01:05	1
Vinyl Chloride	ND	2.00	U	ug/L	07.17.2020 01:05	1
Total Xylenes	ND	5.00	U	ug/L	07.17.2020 01:05	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	109	%	75-131	07.17.2020 01:05	
1,2-Dichloroethane-D4	17060-07-0	111	%	63-144	07.17.2020 01:05	
Toluene-D8	2037-26-5	96	%	80-117	07.17.2020 01:05	
4-Bromofluorobenzene	460-00-4	101	%	74-124	07.17.2020 01:05	

Project: Eagle Point Landfill

Advanced Disposal

Eagle Point Landfill

Analytical Method: Chemical Oxygen Demand by HACH 8000

Seq Number: 3132005 Matrix: Water
 LCS Sample Id: 3132005-1-BKS

Parameter	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
COD - Chemical Oxygen Demand	102	102	102	90-110	mg/L	07.17.2020 16:46	

Analytical Method: Chemical Oxygen Demand by HACH 8000

Seq Number: 3132005 Matrix: Surface Water
 Parent Sample Id: 666827-032 MS Sample Id: 666827-032 S MSD Sample Id: 666827-032 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
COD - Chemical Oxygen Demand	<3.36	100	95.0	95	98.0	98	90-110	3	20	mg/L	07.17.2020 16:46	

Analytical Method: Chemical Oxygen Demand by HACH 8000

Seq Number: 3132005 Matrix: Water
 Parent Sample Id: 667124-001 MS Sample Id: 667124-001 S MSD Sample Id: 667124-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
COD - Chemical Oxygen Demand	<3.36	100	93.0	93	93.0	93	90-110	0	20	mg/L	07.17.2020 16:46	

Analytical Method: Chloride by SW 9056A

Seq Number: 3131481 Matrix: Water Prep Method: E300P
 MB Sample Id: 7707176-1-BLK LCS Sample Id: 7707176-1-BKS Date Prep: 07.13.2020
 MSD Sample Id: 667124-001 SD LCS Sample Id: 7707176-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.500	10.0	10.8	108	10.7	107	70-125	1	20	mg/L	07.13.2020 08:51	

Analytical Method: Chloride by SW 9056A

Seq Number: 3131481 Matrix: Water Prep Method: E300P
 Parent Sample Id: 666814-001 MS Sample Id: 666814-001 S Date Prep: 07.13.2020
 MSD Sample Id: 666814-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	389	10.0	391	20	391	20	70-125	0	20	mg/L	07.13.2020 10:11	F

Analytical Method: Chloride by SW 9056A

Seq Number: 3131481 Matrix: Liquid Prep Method: E300P
 Parent Sample Id: 666815-001 MS Sample Id: 666815-001 S Date Prep: 07.13.2020
 MSD Sample Id: 666815-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	273	10.0	276	30	276	30	70-125	0	20	mg/L	07.13.2020 10:44	F

MS/MSD Percent Recovery
 Relative Percent Difference
 LCS/LCSD Recovery
 Log Difference

[D] = 100*(C-A) / B
 RPD = 200* |(C-E) / (C+E)|
 [D] = 100 * (C) / [B]
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal

Eagle Point Landfill

Analytical Method: TOC by SM 5310C

Seq Number: 3132020

MB Sample Id: 7707586-1-BLK

Matrix: Water

LCS Sample Id: 7707586-1-BKS

Prep Method: SM5310P

Date Prep: 07.17.2020

LCSD Sample Id: 7707586-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Total Organic Carbon	<0.500	5.00	5.21	104	5.27	105	90-110	1	20	mg/L	07.17.2020 18:04	

Analytical Method: TOC by SM 5310C

Seq Number: 3132020

Parent Sample Id: 6671111-001

Matrix: Water

MS Sample Id: 6671111-001 S

Prep Method: SM5310P

Date Prep: 07.17.2020

MSD Sample Id: 6671111-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Total Organic Carbon	6.51	5.00	12.1	112	12.0	110	90-110	1	20	mg/L	07.17.2020 21:32	X

Analytical Method: TOC by SM 5310C

Seq Number: 3132020

Parent Sample Id: 6671111-002

Matrix: Water

MS Sample Id: 6671111-002 S

Prep Method: SM5310P

Date Prep: 07.17.2020

MSD Sample Id: 6671111-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Total Organic Carbon	6.33	5.00	11.7	107	11.8	109	90-110	1	20	mg/L	07.17.2020 22:18	

Analytical Method: Total Cyanide by EPA 335.4

Seq Number: 3131722

MB Sample Id: 7707408-1-BLK

Matrix: Water

LCS Sample Id: 7707408-1-BKS

Prep Method: E335.4P

Date Prep: 07.15.2020

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Cyanide, Total	<0.00198	0.100	0.108	108	90-110	mg/L	07.15.2020 16:06	

Analytical Method: Total Cyanide by EPA 335.4

Seq Number: 3131722

Parent Sample Id: 666434-001

Matrix: Ground Water

MS Sample Id: 666434-001 S

Prep Method: E335.4P

Date Prep: 07.15.2020

MSD Sample Id: 666434-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Cyanide, Total	0.00249	0.200	0.200	99	0.201	99	90-110	0	20	mg/L	07.15.2020 16:10	

Analytical Method: Total Cyanide by EPA 335.4

Seq Number: 3131722

Parent Sample Id: 666876-001

Matrix: Water

MS Sample Id: 666876-001 S

Prep Method: E335.4P

Date Prep: 07.15.2020

MSD Sample Id: 666876-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Cyanide, Total	<0.00198	0.200	0.203	102	0.205	103	90-110	1	20	mg/L	07.15.2020 16:30	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix I Metals by SW-846 6020A

Seq Number: 3131499

MB Sample Id: 7707198-1-BLK

Matrix: Water

LCS Sample Id: 7707198-1-BKS

Prep Method: SW3010A

Date Prep: 07.13.2020

LCSD Sample Id: 7707198-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Antimony	<0.000240	0.100	0.0903	90	0.0909	91	80-120	1	20	mg/L	07.13.2020 23:15	
Arsenic	<0.000246	0.100	0.0929	93	0.0927	93	80-120	0	20	mg/L	07.13.2020 23:15	
Barium	<0.000484	0.100	0.0967	97	0.0962	96	80-120	1	20	mg/L	07.13.2020 23:15	
Beryllium	<0.000131	0.100	0.0974	97	0.0978	98	80-120	0	20	mg/L	07.13.2020 23:15	
Cadmium	<0.000147	0.100	0.0946	95	0.0941	94	80-120	1	20	mg/L	07.13.2020 23:15	
Chromium	<0.000525	0.100	0.0923	92	0.0917	92	80-120	1	20	mg/L	07.13.2020 23:15	
Cobalt	<0.0000699	0.100	0.0921	92	0.0920	92	80-120	0	20	mg/L	07.13.2020 23:15	
Copper	<0.000747	0.100	0.0924	92	0.0915	92	80-120	1	20	mg/L	07.13.2020 23:15	
Lead	<0.000152	0.100	0.0944	94	0.0930	93	80-120	1	20	mg/L	07.13.2020 23:15	
Nickel	<0.000292	0.100	0.0923	92	0.0920	92	80-120	0	20	mg/L	07.13.2020 23:15	
Selenium	<0.000454	0.100	0.0962	96	0.0958	96	80-120	0	20	mg/L	07.13.2020 23:15	
Silver	<0.000251	0.0500	0.0466	93	0.0464	93	80-120	0	20	mg/L	07.13.2020 23:15	
Thallium	<0.000332	0.100	0.0936	94	0.0925	93	80-120	1	20	mg/L	07.13.2020 23:15	
Vanadium	<0.000164	0.100	0.0942	94	0.0925	93	80-120	2	20	mg/L	07.13.2020 23:15	
Zinc	<0.000802	0.100	0.0955	96	0.0954	95	80-120	0	20	mg/L	07.13.2020 23:15	

Analytical Method: Appendix I Metals by SW-846 6020A

Seq Number: 3131510

MB Sample Id: 7707201-1-BLK

Matrix: Water

LCS Sample Id: 7707201-1-BKS

Prep Method: SW3010A

Date Prep: 07.13.2020

LCSD Sample Id: 7707201-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Antimony	<0.000240	0.100	0.0901	90	0.0907	91	80-120	1	20	mg/L	07.13.2020 21:29	
Arsenic	<0.000246	0.100	0.0929	93	0.0938	94	80-120	1	20	mg/L	07.13.2020 21:29	
Barium	<0.000484	0.100	0.0958	96	0.0986	99	80-120	3	20	mg/L	07.13.2020 21:29	
Beryllium	<0.000131	0.100	0.0955	96	0.0956	96	80-120	0	20	mg/L	07.13.2020 21:29	
Cadmium	<0.000147	0.100	0.0950	95	0.0941	94	80-120	1	20	mg/L	07.13.2020 21:29	
Chromium	<0.000525	0.100	0.0939	94	0.0917	92	80-120	2	20	mg/L	07.13.2020 21:29	
Cobalt	<0.0000699	0.100	0.0937	94	0.0918	92	80-120	2	20	mg/L	07.13.2020 21:29	
Copper	<0.000747	0.100	0.0941	94	0.0921	92	80-120	2	20	mg/L	07.13.2020 21:29	
Lead	<0.000152	0.100	0.0943	94	0.0945	95	80-120	0	20	mg/L	07.13.2020 21:29	
Nickel	<0.000292	0.100	0.0920	92	0.0914	91	80-120	1	20	mg/L	07.13.2020 21:29	
Selenium	<0.000454	0.100	0.0943	94	0.0953	95	80-120	1	20	mg/L	07.13.2020 21:29	
Silver	<0.000251	0.0500	0.0475	95	0.0464	93	80-120	2	20	mg/L	07.13.2020 21:29	
Thallium	<0.000332	0.100	0.0940	94	0.0944	94	80-120	0	20	mg/L	07.13.2020 21:29	
Vanadium	<0.000164	0.100	0.0934	93	0.0922	92	80-120	1	20	mg/L	07.13.2020 21:29	
Zinc	<0.000802	0.100	0.0958	96	0.0963	96	80-120	1	20	mg/L	07.13.2020 21:29	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* |(C-E) / (C+E)|
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix I Metals by SW-846 6020A

Seq Number: 3131610

MB Sample Id: 7707263-1-BLK

Matrix: Water

LCS Sample Id: 7707263-1-BKS

Prep Method: SW3010A

Date Prep: 07.14.2020

LCSD Sample Id: 7707263-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Antimony	<0.000240	0.100	0.0895	90	0.0920	92	80-120	3	20	mg/L	07.14.2020 16:20	
Arsenic	<0.000246	0.100	0.0938	94	0.0941	94	80-120	0	20	mg/L	07.14.2020 16:20	
Barium	<0.000484	0.100	0.0934	93	0.0948	95	80-120	1	20	mg/L	07.14.2020 16:20	
Beryllium	<0.000131	0.100	0.0972	97	0.0987	99	80-120	2	20	mg/L	07.14.2020 16:20	
Cadmium	<0.000147	0.100	0.0973	97	0.0983	98	80-120	1	20	mg/L	07.14.2020 16:20	
Chromium	<0.000525	0.100	0.0926	93	0.0932	93	80-120	1	20	mg/L	07.14.2020 16:20	
Cobalt	<0.0000699	0.100	0.0925	93	0.0934	93	80-120	1	20	mg/L	07.14.2020 16:20	
Copper	<0.000747	0.100	0.0922	92	0.0933	93	80-120	1	20	mg/L	07.14.2020 16:20	
Lead	<0.000152	0.100	0.0947	95	0.0946	95	80-120	0	20	mg/L	07.14.2020 16:20	
Nickel	<0.000292	0.100	0.0924	92	0.0933	93	80-120	1	20	mg/L	07.14.2020 16:20	
Selenium	<0.000454	0.100	0.0966	97	0.0963	96	80-120	0	20	mg/L	07.14.2020 16:20	
Silver	<0.000251	0.0500	0.0472	94	0.0476	95	80-120	1	20	mg/L	07.14.2020 16:20	
Thallium	<0.000332	0.100	0.0942	94	0.0941	94	80-120	0	20	mg/L	07.14.2020 16:20	
Vanadium	<0.000164	0.100	0.0929	93	0.0932	93	80-120	0	20	mg/L	07.14.2020 16:20	
Zinc	<0.000802	0.100	0.0955	96	0.0966	97	80-120	1	20	mg/L	07.14.2020 16:20	

Analytical Method: Appendix I Metals by SW-846 6020A

Seq Number: 3131499

Parent Sample Id: 666690-006

Matrix: Water

MS Sample Id: 666690-006 S

Prep Method: SW3010A

Date Prep: 07.13.2020

MSD Sample Id: 666690-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Antimony	0.00262	0.100	0.0958	93	0.0972	95	75-125	1	20	mg/L	07.13.2020 23:24	
Arsenic	0.00304	0.100	0.0980	95	0.0993	96	75-125	1	20	mg/L	07.13.2020 23:24	
Barium	0.156	0.100	0.244	88	0.241	85	75-125	1	20	mg/L	07.13.2020 23:24	
Beryllium	0.000173	0.100	0.0965	96	0.0946	94	75-125	2	20	mg/L	07.13.2020 23:24	
Cadmium	<0.000147	0.100	0.0939	94	0.0958	96	75-125	2	20	mg/L	07.13.2020 23:24	
Chromium	<0.000525	0.100	0.0948	95	0.0955	96	75-125	1	20	mg/L	07.13.2020 23:24	
Cobalt	0.000656	0.100	0.0947	94	0.0963	96	75-125	2	20	mg/L	07.13.2020 23:24	
Copper	0.00646	0.100	0.101	95	0.103	97	75-125	2	20	mg/L	07.13.2020 23:24	
Lead	0.000610	0.100	0.0965	96	0.0962	96	75-125	0	20	mg/L	07.13.2020 23:24	
Nickel	0.00143	0.100	0.0951	94	0.0971	96	75-125	2	20	mg/L	07.13.2020 23:24	
Selenium	<0.000454	0.100	0.0942	94	0.0950	95	75-125	1	20	mg/L	07.13.2020 23:24	
Silver	<0.000251	0.0500	0.0477	95	0.0486	97	75-125	2	20	mg/L	07.13.2020 23:24	
Thallium	<0.000332	0.100	0.0953	95	0.0955	96	75-125	0	20	mg/L	07.13.2020 23:24	
Vanadium	0.00409	0.100	0.100	96	0.102	98	75-125	2	20	mg/L	07.13.2020 23:24	
Zinc	0.0466	0.100	0.139	92	0.140	93	75-125	1	20	mg/L	07.13.2020 23:24	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* |(C-E) / (C+E)|
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix I Metals by SW-846 6020A

Seq Number: 3131510

Parent Sample Id: 666827-006

Matrix: Ground Water

MS Sample Id: 666827-006 S

Prep Method: SW3010A

Date Prep: 07.13.2020

MSD Sample Id: 666827-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Antimony	0.00198	0.100	0.0950	93	0.0962	94	75-125	1	20	mg/L	07.13.2020 21:38	
Arsenic	<0.000246	0.100	0.0928	93	0.0941	94	75-125	1	20	mg/L	07.13.2020 21:38	
Barium	0.0663	0.100	0.157	91	0.157	91	75-125	0	20	mg/L	07.13.2020 21:38	
Beryllium	0.000140	0.100	0.0931	93	0.0924	92	75-125	1	20	mg/L	07.13.2020 21:38	
Cadmium	<0.000147	0.100	0.0959	96	0.0968	97	75-125	1	20	mg/L	07.13.2020 21:38	
Chromium	0.00157	0.100	0.0976	96	0.0981	97	75-125	1	20	mg/L	07.13.2020 21:38	
Cobalt	0.00133	0.100	0.0975	96	0.0985	97	75-125	1	20	mg/L	07.13.2020 21:38	
Copper	<0.000747	0.100	0.0987	99	0.0987	99	75-125	0	20	mg/L	07.13.2020 21:38	
Lead	<0.000152	0.100	0.0961	96	0.0964	96	75-125	0	20	mg/L	07.13.2020 21:38	
Nickel	0.00112	0.100	0.0978	97	0.0982	97	75-125	0	20	mg/L	07.13.2020 21:38	
Selenium	<0.000454	0.100	0.0919	92	0.0933	93	75-125	2	20	mg/L	07.13.2020 21:38	
Silver	<0.000251	0.0500	0.0496	99	0.0500	100	75-125	1	20	mg/L	07.13.2020 21:38	
Thallium	<0.000332	0.100	0.0957	96	0.0964	96	75-125	1	20	mg/L	07.13.2020 21:38	
Vanadium	0.000457	0.100	0.0959	95	0.0973	97	75-125	1	20	mg/L	07.13.2020 21:38	
Zinc	0.0145	0.100	0.115	101	0.116	102	75-125	1	20	mg/L	07.13.2020 21:38	

Analytical Method: Appendix I Metals by SW-846 6020A

Seq Number: 3131610

Parent Sample Id: 666827-026

Matrix: Ground Water

MS Sample Id: 666827-026 S

Prep Method: SW3010A

Date Prep: 07.14.2020

MSD Sample Id: 666827-026 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Antimony	0.00246	0.100	0.0958	93	0.0926	90	75-125	3	20	mg/L	07.14.2020 16:29	
Arsenic	0.000340	0.100	0.0961	96	0.0975	97	75-125	1	20	mg/L	07.14.2020 16:29	
Barium	0.0189	0.100	0.118	99	0.118	99	75-125	0	20	mg/L	07.14.2020 16:29	
Beryllium	0.000338	0.100	0.100	100	0.101	101	75-125	1	20	mg/L	07.14.2020 16:29	
Cadmium	0.000204	0.100	0.0993	99	0.0970	97	75-125	2	20	mg/L	07.14.2020 16:29	
Chromium	<0.000525	0.100	0.0973	97	0.0955	96	75-125	2	20	mg/L	07.14.2020 16:29	
Cobalt	0.000901	0.100	0.0975	97	0.0960	95	75-125	2	20	mg/L	07.14.2020 16:29	
Copper	0.00222	0.100	0.102	100	0.0997	97	75-125	2	20	mg/L	07.14.2020 16:29	
Lead	0.000384	0.100	0.0969	97	0.0966	96	75-125	0	20	mg/L	07.14.2020 16:29	
Nickel	0.00177	0.100	0.0974	96	0.0954	94	75-125	2	20	mg/L	07.14.2020 16:29	
Selenium	<0.000454	0.100	0.0971	97	0.0985	99	75-125	1	20	mg/L	07.14.2020 16:29	
Silver	<0.000251	0.0500	0.0481	96	0.0470	94	75-125	2	20	mg/L	07.14.2020 16:29	
Thallium	<0.000332	0.100	0.0961	96	0.0957	96	75-125	0	20	mg/L	07.14.2020 16:29	
Vanadium	0.000444	0.100	0.0988	98	0.0955	95	75-125	3	20	mg/L	07.14.2020 16:29	
Zinc	0.0105	0.100	0.115	105	0.112	102	75-125	3	20	mg/L	07.14.2020 16:29	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: Dissolved Metals by SW-846 6020A

Seq Number: 3131613

MB Sample Id: 7707265-1-BLK

Matrix: Water

LCS Sample Id: 7707265-1-BKS

Prep Method: SW3010A

Date Prep: 07.14.2020

LCSD Sample Id: 7707265-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic, Dissolved	<0.000246	0.100	0.0947	95	0.0946	95	80-120	0	20	mg/L	07.14.2020 15:45	
Barium, Dissolved	<0.000484	0.100	0.0935	94	0.0922	92	80-120	1	20	mg/L	07.14.2020 15:45	
Cadmium, Dissolved	<0.000147	0.100	0.0978	98	0.0980	98	80-120	0	20	mg/L	07.14.2020 15:45	
Chromium, Dissolved	<0.000525	0.100	0.0932	93	0.0939	94	80-120	1	20	mg/L	07.14.2020 15:45	
Lead, Dissolved	<0.000152	0.100	0.0940	94	0.0936	94	80-120	0	20	mg/L	07.14.2020 15:45	
Nickel, Dissolved	<0.000292	0.100	0.0934	93	0.0941	94	80-120	1	20	mg/L	07.14.2020 15:45	
Silver, Dissolved	<0.000251	0.0500	0.0477	95	0.0477	95	80-120	0	20	mg/L	07.14.2020 15:45	
Zinc, Dissolved	<0.000802	0.100	0.0962	96	0.0981	98	80-120	2	20	mg/L	07.14.2020 15:45	

Analytical Method: Dissolved Metals by SW-846 6020A

Seq Number: 3131613

Parent Sample Id: 666827-032

Matrix: Surface Water

MS Sample Id: 666827-032 S

Prep Method: SW3010A

Date Prep: 07.14.2020

MSD Sample Id: 666827-032 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic, Dissolved	<0.000246	0.100	0.0967	97	0.0974	97	75-125	1	20	mg/L	07.14.2020 15:56	
Barium, Dissolved	0.00611	0.100	0.105	99	0.103	97	75-125	2	20	mg/L	07.14.2020 15:56	
Cadmium, Dissolved	<0.000147	0.100	0.0980	98	0.0980	98	75-125	0	20	mg/L	07.14.2020 15:56	
Chromium, Dissolved	<0.000525	0.100	0.0960	96	0.0969	97	75-125	1	20	mg/L	07.14.2020 15:56	
Lead, Dissolved	<0.000152	0.100	0.0976	98	0.0970	97	75-125	1	20	mg/L	07.14.2020 15:56	
Nickel, Dissolved	<0.000292	0.100	0.0959	96	0.0959	96	75-125	0	20	mg/L	07.14.2020 15:56	
Silver, Dissolved	<0.000251	0.0500	0.0480	96	0.0477	95	75-125	1	20	mg/L	07.14.2020 15:56	
Zinc, Dissolved	0.00222	0.100	0.102	100	0.100	98	75-125	2	20	mg/L	07.14.2020 15:56	

Analytical Method: Mercury by SW-846 7470A

Seq Number: 3131733

MB Sample Id: 7707342-1-BLK

Matrix: Water

LCS Sample Id: 7707342-1-BKS

Prep Method: SW7470P

Date Prep: 07.15.2020

LCSD Sample Id: 7707342-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.0000263	0.00200	0.00179	90	0.00194	97	80-120	8	20	mg/L	07.15.2020 15:53	

Analytical Method: Mercury by SW-846 7470A

Seq Number: 3131733

Parent Sample Id: 666827-032

Matrix: Surface Water

MS Sample Id: 666827-032 S

Prep Method: SW7470P

Date Prep: 07.15.2020

MSD Sample Id: 666827-032 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.0000263	0.00200	0.00192	96	0.00194	97	75-125	1	20	mg/L	07.15.2020 15:59	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* |(C-E) / (C+E)|
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Advanced Disposal
 Eagle Point Landfill

Analytical Method: Mercury by SW-846 7470A
 Seq Number: 3131733
 Parent Sample Id: 666827-038

Matrix: Surface Water
 MS Sample Id: 666827-038 S

Prep Method: SW7470P
 Date Prep: 07.15.2020
 MSD Sample Id: 666827-038 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.0000263	0.00200	0.00190	95	0.00189	95	75-125	1	20	mg/L	07.15.2020 17:08	

MS/MSD Percent Recovery
 Relative Percent Difference
 LCS/LCSD Recovery
 Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal

Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131674

MB Sample Id: 7707392-1-BLK

Matrix: Water

LCS Sample Id: 7707392-1-BKS

Prep Method: SW5030B

Date Prep: 07.14.2020

LCSD Sample Id: 7707392-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<20.0	250	293	117	281	112	60-140	4	25	ug/L	07.14.2020 10:02	
Acrylonitrile	<1.22	250	247	99	256	102	50-150	4	25	ug/L	07.14.2020 10:02	
Benzene	<0.185	50.0	48.6	97	47.4	95	66-142	3	25	ug/L	07.14.2020 10:02	
Bromochloromethane	<0.328	50.0	48.8	98	46.5	93	60-140	5	25	ug/L	07.14.2020 10:02	
Bromodichloromethane	<0.164	50.0	47.7	95	47.3	95	75-125	1	25	ug/L	07.14.2020 10:02	
Bromoform	<0.348	50.0	52.7	105	53.1	106	75-125	1	25	ug/L	07.14.2020 10:02	
Bromomethane	<0.127	50.0	47.9	96	46.9	94	60-140	2	25	ug/L	07.14.2020 10:02	
2-Butanone	<1.32	250	259	104	264	106	60-140	2	25	ug/L	07.14.2020 10:02	
Carbon Disulfide	<0.173	50.0	52.9	106	50.3	101	60-140	5	25	ug/L	07.14.2020 10:02	
Carbon Tetrachloride	<0.243	50.0	50.9	102	48.8	98	62-125	4	25	ug/L	07.14.2020 10:02	
Chlorobenzene	<0.110	50.0	47.4	95	46.9	94	60-133	1	25	ug/L	07.14.2020 10:02	
Chloroethane	<0.190	50.0	39.6	79	38.0	76	60-140	4	25	ug/L	07.14.2020 10:02	
Chloroform	<0.107	50.0	48.2	96	47.1	94	70-130	2	25	ug/L	07.14.2020 10:02	
Chloromethane	<5.00	50.0	45.8	92	44.2	88	60-140	4	25	ug/L	07.14.2020 10:02	
Dibromochloromethane	<0.212	50.0	49.7	99	50.3	101	73-125	1	25	ug/L	07.14.2020 10:02	
1,2-Dibromo-3-Chloropropane	<0.707	50.0	43.0	86	45.5	91	59-125	6	25	ug/L	07.14.2020 10:02	
1,2-Dibromoethane	<0.380	50.0	50.9	102	52.1	104	73-125	2	25	ug/L	07.14.2020 10:02	
Dibromomethane	<0.186	50.0	47.2	94	46.4	93	69-127	2	25	ug/L	07.14.2020 10:02	
1,2-Dichlorobenzene	<0.175	50.0	48.0	96	48.4	97	75-125	1	25	ug/L	07.14.2020 10:02	
1,4-Dichlorobenzene	<0.222	50.0	47.8	96	47.5	95	75-125	1	25	ug/L	07.14.2020 10:02	
trans-1,4-dichloro-2-butene	<1.00	50.0	50.6	101	54.6	109	70-130	8	25	ug/L	07.14.2020 10:02	
1,1-Dichloroethane	<0.182	50.0	49.1	98	47.6	95	72-125	3	25	ug/L	07.14.2020 10:02	
1,2-Dichloroethane	<0.283	50.0	46.1	92	45.9	92	68-127	0	25	ug/L	07.14.2020 10:02	
1,1-Dichloroethene	<0.178	50.0	47.7	95	45.3	91	59-172	5	25	ug/L	07.14.2020 10:02	
cis-1,2-Dichloroethene	<0.162	50.0	51.8	104	49.3	99	75-125	5	25	ug/L	07.14.2020 10:02	
trans-1,2-dichloroethene	<0.167	50.0	46.8	94	45.2	90	75-125	3	25	ug/L	07.14.2020 10:02	
1,2-Dichloropropane	<0.170	50.0	51.2	102	50.4	101	74-125	2	25	ug/L	07.14.2020 10:02	
cis-1,3-Dichloropropene	<0.126	50.0	53.2	106	52.4	105	74-125	2	25	ug/L	07.14.2020 10:02	
trans-1,3-dichloropropene	<0.198	50.0	50.6	101	50.9	102	66-125	1	25	ug/L	07.14.2020 10:02	
Ethylbenzene	<0.190	50.0	48.7	97	48.1	96	75-125	1	25	ug/L	07.14.2020 10:02	
2-Hexanone	<1.05	250	249	100	262	105	60-140	5	25	ug/L	07.14.2020 10:02	
Methylene Chloride	<2.00	50.0	50.3	101	48.9	98	75-125	3	25	ug/L	07.14.2020 10:02	
Iodomethane (Methyl Iodide)	<0.170	50.0	51.6	103	50.1	100	75-125	3	25	ug/L	07.14.2020 10:02	
4-Methyl-2-Pentanone	<0.874	250	252	101	270	108	60-140	7	25	ug/L	07.14.2020 10:02	
Styrene	<0.197	50.0	50.7	101	50.1	100	75-125	1	25	ug/L	07.14.2020 10:02	
1,1,1,2-Tetrachloroethane	<0.195	50.0	51.5	103	50.4	101	72-125	2	25	ug/L	07.14.2020 10:02	
1,1,2,2-Tetrachloroethane	<0.365	50.0	45.3	91	47.0	94	74-125	4	25	ug/L	07.14.2020 10:02	
Tetrachloroethylene	<0.347	50.0	47.5	95	46.2	92	71-125	3	25	ug/L	07.14.2020 10:02	
Toluene	<0.500	50.0	48.7	97	48.1	96	59-139	1	25	ug/L	07.14.2020 10:02	
1,1,1-Trichloroethane	<0.130	50.0	50.2	100	48.4	97	75-125	4	25	ug/L	07.14.2020 10:02	
1,1,2-Trichloroethane	<0.272	50.0	50.8	102	51.5	103	75-127	1	25	ug/L	07.14.2020 10:02	
Trichloroethene	<0.218	50.0	49.2	98	48.2	96	62-137	2	25	ug/L	07.14.2020 10:02	
Trichlorofluoromethane	<0.191	50.0	49.3	99	46.6	93	60-140	6	25	ug/L	07.14.2020 10:02	
1,2,3-Trichloropropane	<0.214	50.0	47.7	95	49.6	99	75-125	4	25	ug/L	07.14.2020 10:02	
o-Xylene	<0.500	50.0	50.1	100	48.9	98	75-125	2	25	ug/L	07.14.2020 10:02	
m,p-Xylenes	<1.00	100	103	103	99.8	100	75-125	3	25	ug/L	07.14.2020 10:02	
Vinyl Acetate	<0.583	250	272	109	276	110	60-140	1	25	ug/L	07.14.2020 10:02	
Vinyl Chloride	<0.232	50.0	42.3	85	41.4	83	60-140	2	25	ug/L	07.14.2020 10:02	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
MS/MSD Percent Recovery	[D] = 100*(C-A) / B				LCSD = Laboratory Control Sample		MS = Matrix Spike		
Relative Percent Difference	RPD = 200* (C-E) / (C+E)				A = Parent Result		B = Spike Added		
LCS/LCSD Recovery	[D] = 100 * (C) / [B]				C = MS/LCS Result		D = MSD/LCSD % Rec		
Log Difference	Log Diff. = Log(Sample Duplicate) - Log(Original Sample)				E = MSD/LCSD Result				

Advanced Disposal

Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131674

Matrix: Water

Prep Method: SW5030B

Date Prep: 07.14.2020

MB Sample Id: 7707392-1-BLK

LCS Sample Id: 7707392-1-BKS

LCSD Sample Id: 7707392-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	106		99		96		75-131	%	07.14.2020 10:02
1,2-Dichloroethane-D4	106		94		93		63-144	%	07.14.2020 10:02
Toluene-D8	98		100		100		80-117	%	07.14.2020 10:02
4-Bromofluorobenzene	102		97		97		74-124	%	07.14.2020 10:02

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = $\text{Log}(\text{Sample Duplicate}) - \text{Log}(\text{Original Sample})$

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal

Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Prep Method: SW5030B

Seq Number: 3131788

Matrix: Water

Date Prep: 07.15.2020

MB Sample Id: 7707466-1-BLK

LCS Sample Id: 7707466-1-BKS

LCSD Sample Id: 7707466-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<20.0	250	203	81	205	82	60-140	1	25	ug/L	07.15.2020 12:29	
Acrylonitrile	<1.22	250	243	97	241	96	50-150	1	25	ug/L	07.15.2020 12:29	
Benzene	<0.185	50.0	48.4	97	46.5	93	66-142	4	25	ug/L	07.15.2020 12:29	
Bromochloromethane	<0.328	50.0	47.8	96	46.2	92	60-140	3	25	ug/L	07.15.2020 12:29	
Bromodichloromethane	<0.164	50.0	48.4	97	47.8	96	75-125	1	25	ug/L	07.15.2020 12:29	
Bromoform	<0.348	50.0	51.9	104	50.0	100	75-125	4	25	ug/L	07.15.2020 12:29	
Bromomethane	<0.127	50.0	56.8	114	53.8	108	60-140	5	25	ug/L	07.15.2020 12:29	
2-Butanone	<1.32	250	241	96	243	97	60-140	1	25	ug/L	07.15.2020 12:29	
Carbon Disulfide	<0.173	50.0	39.3	79	36.9	74	60-140	6	25	ug/L	07.15.2020 12:29	
Carbon Tetrachloride	<0.243	50.0	50.5	101	47.5	95	62-125	6	25	ug/L	07.15.2020 12:29	
Chlorobenzene	<0.110	50.0	47.7	95	46.5	93	60-133	3	25	ug/L	07.15.2020 12:29	
Chloroethane	<0.190	50.0	47.9	96	45.8	92	60-140	4	25	ug/L	07.15.2020 12:29	
Chloroform	<0.107	50.0	47.4	95	45.8	92	70-130	3	25	ug/L	07.15.2020 12:29	
Chloromethane	<5.00	50.0	42.1	84	40.5	81	60-140	4	25	ug/L	07.15.2020 12:29	
Dibromochloromethane	<0.212	50.0	51.6	103	49.7	99	73-125	4	25	ug/L	07.15.2020 12:29	
1,2-Dibromo-3-Chloropropane	<0.707	50.0	44.9	90	45.5	91	59-125	1	25	ug/L	07.15.2020 12:29	
1,2-Dibromoethane	<0.380	50.0	50.6	101	50.1	100	73-125	1	25	ug/L	07.15.2020 12:29	
Dibromomethane	<0.186	50.0	46.3	93	45.4	91	69-127	2	25	ug/L	07.15.2020 12:29	
1,2-Dichlorobenzene	<0.175	50.0	49.7	99	48.2	96	75-125	3	25	ug/L	07.15.2020 12:29	
1,4-Dichlorobenzene	<0.222	50.0	49.0	98	46.9	94	75-125	4	25	ug/L	07.15.2020 12:29	
trans-1,4-dichloro-2-butene	<1.00	50.0	48.4	97	48.8	98	70-130	1	25	ug/L	07.15.2020 12:29	
1,1-Dichloroethane	<0.182	50.0	47.1	94	45.1	90	72-125	4	25	ug/L	07.15.2020 12:29	
1,2-Dichloroethane	<0.283	50.0	46.3	93	45.0	90	68-127	3	25	ug/L	07.15.2020 12:29	
1,1-Dichloroethene	<0.178	50.0	46.3	93	44.7	89	59-172	4	25	ug/L	07.15.2020 12:29	
cis-1,2-Dichloroethene	<0.162	50.0	50.9	102	48.9	98	75-125	4	25	ug/L	07.15.2020 12:29	
trans-1,2-dichloroethene	<0.167	50.0	45.1	90	43.5	87	75-125	4	25	ug/L	07.15.2020 12:29	
1,2-Dichloropropane	<0.170	50.0	51.8	104	50.1	100	74-125	3	25	ug/L	07.15.2020 12:29	
cis-1,3-Dichloropropene	<0.126	50.0	52.8	106	51.3	103	74-125	3	25	ug/L	07.15.2020 12:29	
trans-1,3-dichloropropene	<0.198	50.0	52.6	105	51.3	103	66-125	3	25	ug/L	07.15.2020 12:29	
Ethylbenzene	<0.190	50.0	49.2	98	47.4	95	75-125	4	25	ug/L	07.15.2020 12:29	
2-Hexanone	<1.05	250	237	95	241	96	60-140	2	25	ug/L	07.15.2020 12:29	
Methylene Chloride	2.46	50.0	50.7	101	49.5	99	75-125	2	25	ug/L	07.15.2020 12:29	
Iodomethane (Methyl Iodide)	<0.170	50.0	52.2	104	50.5	101	75-125	3	25	ug/L	07.15.2020 12:29	
4-Methyl-2-Pentanone	<0.874	250	255	102	258	103	60-140	1	25	ug/L	07.15.2020 12:29	
Styrene	<0.197	50.0	50.9	102	49.2	98	75-125	3	25	ug/L	07.15.2020 12:29	
1,1,1,2-Tetrachloroethane	<0.195	50.0	51.5	103	50.1	100	72-125	3	25	ug/L	07.15.2020 12:29	
1,1,2,2-Tetrachloroethane	<0.365	50.0	47.4	95	46.9	94	74-125	1	25	ug/L	07.15.2020 12:29	
Tetrachloroethylene	<0.347	50.0	46.3	93	44.3	89	71-125	4	25	ug/L	07.15.2020 12:29	
Toluene	<0.500	50.0	48.6	97	46.6	93	59-139	4	25	ug/L	07.15.2020 12:29	
1,1,1-Trichloroethane	<0.130	50.0	49.8	100	47.2	94	75-125	5	25	ug/L	07.15.2020 12:29	
1,1,2-Trichloroethane	<0.272	50.0	51.7	103	50.5	101	75-127	2	25	ug/L	07.15.2020 12:29	
Trichloroethene	<0.218	50.0	49.0	98	47.2	94	62-137	4	25	ug/L	07.15.2020 12:29	
Trichlorofluoromethane	<0.191	50.0	45.0	90	43.1	86	60-140	4	25	ug/L	07.15.2020 12:29	
1,2,3-Trichloropropane	<0.214	50.0	48.5	97	48.3	97	75-125	0	25	ug/L	07.15.2020 12:29	
o-Xylene	<0.500	50.0	49.1	98	47.0	94	75-125	4	25	ug/L	07.15.2020 12:29	
m,p-Xylenes	<1.00	100	102	102	96.4	96	75-125	6	25	ug/L	07.15.2020 12:29	
Vinyl Acetate	<0.583	250	285	114	282	113	60-140	1	25	ug/L	07.15.2020 12:29	
Vinyl Chloride	<0.232	50.0	42.0	84	39.8	80	60-140	5	25	ug/L	07.15.2020 12:29	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
MS/MSD Percent Recovery	[D] = 100*(C-A) / B				LCSD = Laboratory Control Sample		MS = Matrix Spike		
Relative Percent Difference	RPD = 200* (C-E) / (C+E)				A = Parent Result		B = Spike Added		
LCS/LCSD Recovery	[D] = 100 * (C) / [B]				C = MS/LCS Result		D = MSD/LCSD % Rec		
Log Difference	Log Diff. = Log(Sample Duplicate) - Log(Original Sample)				E = MSD/LCSD Result				

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131788

MB Sample Id: 7707466-1-BLK

Matrix: Water

LCS Sample Id: 7707466-1-BKS

Prep Method: SW5030B

Date Prep: 07.15.2020

LCSD Sample Id: 7707466-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	106		96		96		75-131	%	07.15.2020 12:29
1,2-Dichloroethane-D4	107		92		93		63-144	%	07.15.2020 12:29
Toluene-D8	96		100		100		80-117	%	07.15.2020 12:29
4-Bromofluorobenzene	102		99		98		74-124	%	07.15.2020 12:29

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131934

Matrix: Water

Prep Method: SW5030B

Date Prep: 07.16.2020

MB Sample Id: 7707557-1-BLK

LCS Sample Id: 7707557-1-BKS

LCSD Sample Id: 7707557-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<20.0	250	211	84	228	91	60-140	8	25	ug/L	07.16.2020 10:18	
Acrylonitrile	<1.22	250	228	91	238	95	50-150	4	25	ug/L	07.16.2020 10:18	
Benzene	<0.185	50.0	46.6	93	45.1	90	66-142	3	25	ug/L	07.16.2020 10:18	
Bromochloromethane	<0.328	50.0	45.9	92	44.6	89	60-140	3	25	ug/L	07.16.2020 10:18	
Bromodichloromethane	<0.164	50.0	47.3	95	46.4	93	75-125	2	25	ug/L	07.16.2020 10:18	
Bromoform	<0.348	50.0	50.7	101	51.2	102	75-125	1	25	ug/L	07.16.2020 10:18	
Bromomethane	<0.127	50.0	52.4	105	50.1	100	60-140	4	25	ug/L	07.16.2020 10:18	
2-Butanone	<1.32	250	234	94	250	100	60-140	7	25	ug/L	07.16.2020 10:18	
Carbon Disulfide	<0.173	50.0	38.5	77	36.6	73	60-140	5	25	ug/L	07.16.2020 10:18	
Carbon Tetrachloride	<0.243	50.0	48.9	98	47.1	94	62-125	4	25	ug/L	07.16.2020 10:18	
Chlorobenzene	<0.110	50.0	47.0	94	45.5	91	60-133	3	25	ug/L	07.16.2020 10:18	
Chloroethane	<0.190	50.0	43.2	86	41.6	83	60-140	4	25	ug/L	07.16.2020 10:18	
Chloroform	<0.107	50.0	45.3	91	43.8	88	70-130	3	25	ug/L	07.16.2020 10:18	
Chloromethane	<5.00	50.0	36.0	72	34.3	69	60-140	5	25	ug/L	07.16.2020 10:18	
Dibromochloromethane	<0.212	50.0	51.3	103	50.3	101	73-125	2	25	ug/L	07.16.2020 10:18	
1,2-Dibromo-3-Chloropropane	<0.707	50.0	44.8	90	46.4	93	59-125	4	25	ug/L	07.16.2020 10:18	
1,2-Dibromoethane	<0.380	50.0	49.6	99	50.0	100	73-125	1	25	ug/L	07.16.2020 10:18	
Dibromomethane	<0.186	50.0	45.2	90	44.7	89	69-127	1	25	ug/L	07.16.2020 10:18	
1,2-Dichlorobenzene	<0.175	50.0	49.9	100	47.9	96	75-125	4	25	ug/L	07.16.2020 10:18	
1,4-Dichlorobenzene	<0.222	50.0	49.3	99	46.2	92	75-125	6	25	ug/L	07.16.2020 10:18	
trans-1,4-dichloro-2-butene	<1.00	50.0	48.1	96	47.4	95	70-130	1	25	ug/L	07.16.2020 10:18	
1,1-Dichloroethane	<0.182	50.0	44.7	89	43.1	86	72-125	4	25	ug/L	07.16.2020 10:18	
1,2-Dichloroethane	<0.283	50.0	44.2	88	43.0	86	68-127	3	25	ug/L	07.16.2020 10:18	
1,1-Dichloroethene	<0.178	50.0	43.3	87	41.8	84	59-172	4	25	ug/L	07.16.2020 10:18	
cis-1,2-Dichloroethene	<0.162	50.0	48.7	97	46.9	94	75-125	4	25	ug/L	07.16.2020 10:18	
trans-1,2-dichloroethene	<0.167	50.0	43.7	87	42.3	85	75-125	3	25	ug/L	07.16.2020 10:18	
1,2-Dichloropropane	<0.170	50.0	49.4	99	48.1	96	74-125	3	25	ug/L	07.16.2020 10:18	
cis-1,3-Dichloropropene	<0.126	50.0	51.4	103	49.5	99	74-125	4	25	ug/L	07.16.2020 10:18	
trans-1,3-dichloropropene	<0.198	50.0	51.4	103	50.8	102	66-125	1	25	ug/L	07.16.2020 10:18	
Ethylbenzene	<0.190	50.0	48.6	97	47.1	94	75-125	3	25	ug/L	07.16.2020 10:18	
2-Hexanone	<1.05	250	230	92	248	99	60-140	8	25	ug/L	07.16.2020 10:18	
Methylene Chloride	<2.00	50.0	45.5	91	43.6	87	75-125	4	25	ug/L	07.16.2020 10:18	
Iodomethane (Methyl Iodide)	<0.170	50.0	50.5	101	47.8	96	75-125	5	25	ug/L	07.16.2020 10:18	
4-Methyl-2-Pentanone	<0.874	250	239	96	257	103	60-140	7	25	ug/L	07.16.2020 10:18	
Styrene	<0.197	50.0	50.6	101	48.5	97	75-125	4	25	ug/L	07.16.2020 10:18	
1,1,1,2-Tetrachloroethane	<0.195	50.0	51.4	103	50.1	100	72-125	3	25	ug/L	07.16.2020 10:18	
1,1,2,2-Tetrachloroethane	<0.365	50.0	46.4	93	46.6	93	74-125	0	25	ug/L	07.16.2020 10:18	
Tetrachloroethylene	<0.347	50.0	46.6	93	45.6	91	71-125	2	25	ug/L	07.16.2020 10:18	
Toluene	<0.500	50.0	47.8	96	46.3	93	59-139	3	25	ug/L	07.16.2020 10:18	
1,1,1-Trichloroethane	<0.130	50.0	48.0	96	45.6	91	75-125	5	25	ug/L	07.16.2020 10:18	
1,1,2-Trichloroethane	<0.272	50.0	50.6	101	50.7	101	75-127	0	25	ug/L	07.16.2020 10:18	
Trichloroethene	<0.218	50.0	47.7	95	46.0	92	62-137	4	25	ug/L	07.16.2020 10:18	
Trichlorofluoromethane	<0.191	50.0	41.5	83	39.6	79	60-140	5	25	ug/L	07.16.2020 10:18	
1,2,3-Trichloropropane	<0.214	50.0	48.1	96	48.1	96	75-125	0	25	ug/L	07.16.2020 10:18	
o-Xylene	<0.500	50.0	48.6	97	46.6	93	75-125	4	25	ug/L	07.16.2020 10:18	
m,p-Xylenes	<1.00	100	101	101	96.6	97	75-125	4	25	ug/L	07.16.2020 10:18	
Vinyl Acetate	<0.583	250	268	107	274	110	60-140	2	25	ug/L	07.16.2020 10:18	
Vinyl Chloride	<0.232	50.0	37.1	74	34.9	70	60-140	6	25	ug/L	07.16.2020 10:18	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
MS/MSD Percent Recovery	[D] = 100*(C-A) / B								
Relative Percent Difference	RPD = 200* (C-E) / (C+E)								
LCS/LCSD Recovery	[D] = 100 * (C) / [B]								
Log Difference	Log Diff. = Log(Sample Duplicate) - Log(Original Sample)								

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131934

Matrix: Water

Prep Method: SW5030B

Date Prep: 07.16.2020

MB Sample Id: 7707557-1-BLK

LCS Sample Id: 7707557-1-BKS

LCSD Sample Id: 7707557-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	104		96		94		75-131	%	07.16.2020 10:18
1,2-Dichloroethane-D4	105		94		93		63-144	%	07.16.2020 10:18
Toluene-D8	96		101		100		80-117	%	07.16.2020 10:18
4-Bromofluorobenzene	99		99		99		74-124	%	07.16.2020 10:18

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = $\text{Log}(\text{Sample Duplicate}) - \text{Log}(\text{Original Sample})$

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal

Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131915

MB Sample Id: 7707552-1-BLK

Matrix: Water

LCS Sample Id: 7707552-1-BKS

Prep Method: SW5030B

Date Prep: 07.16.2020

LCSD Sample Id: 7707552-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<20.0	250	242	97	252	101	60-140	4	25	ug/L	07.16.2020 16:55	
Acrylonitrile	<1.22	250	241	96	237	95	50-150	2	25	ug/L	07.16.2020 16:55	
Benzene	<0.185	50.0	46.0	92	44.7	89	66-142	3	25	ug/L	07.16.2020 16:55	
Bromochloromethane	<0.328	50.0	45.0	90	44.3	89	60-140	2	25	ug/L	07.16.2020 16:55	
Bromodichloromethane	<0.164	50.0	46.3	93	45.3	91	75-125	2	25	ug/L	07.16.2020 16:55	
Bromoform	<0.348	50.0	51.8	104	52.1	104	75-125	1	25	ug/L	07.16.2020 16:55	
Bromomethane	<0.127	50.0	54.8	110	53.6	107	60-140	2	25	ug/L	07.16.2020 16:55	
2-Butanone	<1.32	250	261	104	258	103	60-140	1	25	ug/L	07.16.2020 16:55	
Carbon Disulfide	<0.173	50.0	44.2	88	42.8	86	60-140	3	25	ug/L	07.16.2020 16:55	
Carbon Tetrachloride	<0.243	50.0	46.9	94	44.8	90	62-125	5	25	ug/L	07.16.2020 16:55	
Chlorobenzene	<0.110	50.0	45.9	92	45.2	90	60-133	2	25	ug/L	07.16.2020 16:55	
Chloroethane	<0.190	50.0	40.7	81	39.5	79	60-140	3	25	ug/L	07.16.2020 16:55	
Chloroform	<0.107	50.0	45.3	91	43.8	88	70-130	3	25	ug/L	07.16.2020 16:55	
Chloromethane	<5.00	50.0	52.4	105	50.1	100	60-140	4	25	ug/L	07.16.2020 16:55	
Dibromochloromethane	<0.212	50.0	48.2	96	48.3	97	73-125	0	25	ug/L	07.16.2020 16:55	
1,2-Dibromo-3-Chloropropane	<0.707	50.0	45.6	91	44.2	88	59-125	3	25	ug/L	07.16.2020 16:55	
1,2-Dibromoethane	<0.380	50.0	49.7	99	49.3	99	73-125	1	25	ug/L	07.16.2020 16:55	
Dibromomethane	<0.186	50.0	45.7	91	45.2	90	69-127	1	25	ug/L	07.16.2020 16:55	
1,2-Dichlorobenzene	<0.175	50.0	47.1	94	47.3	95	75-125	0	25	ug/L	07.16.2020 16:55	
1,4-Dichlorobenzene	<0.222	50.0	46.1	92	46.1	92	75-125	0	25	ug/L	07.16.2020 16:55	
trans-1,4-dichloro-2-butene	<1.00	50.0	51.5	103	52.1	104	70-130	1	25	ug/L	07.16.2020 16:55	
1,1-Dichloroethane	<0.182	50.0	45.5	91	44.2	88	72-125	3	25	ug/L	07.16.2020 16:55	
1,2-Dichloroethane	<0.283	50.0	44.2	88	43.6	87	68-127	1	25	ug/L	07.16.2020 16:55	
1,1-Dichloroethene	<0.178	50.0	42.8	86	41.9	84	59-172	2	25	ug/L	07.16.2020 16:55	
cis-1,2-Dichloroethene	<0.162	50.0	47.5	95	45.5	91	75-125	4	25	ug/L	07.16.2020 16:55	
trans-1,2-dichloroethene	<0.167	50.0	42.3	85	40.6	81	75-125	4	25	ug/L	07.16.2020 16:55	
1,2-Dichloropropane	<0.170	50.0	49.6	99	48.2	96	74-125	3	25	ug/L	07.16.2020 16:55	
cis-1,3-Dichloropropene	<0.126	50.0	50.6	101	49.5	99	74-125	2	25	ug/L	07.16.2020 16:55	
trans-1,3-dichloropropene	<0.198	50.0	48.2	96	48.0	96	66-125	0	25	ug/L	07.16.2020 16:55	
Ethylbenzene	<0.190	50.0	46.4	93	45.3	91	75-125	2	25	ug/L	07.16.2020 16:55	
2-Hexanone	<1.05	250	258	103	259	104	60-140	0	25	ug/L	07.16.2020 16:55	
Methylene Chloride	<2.00	50.0	45.1	90	44.5	89	75-125	1	25	ug/L	07.16.2020 16:55	
Iodomethane (Methyl Iodide)	<0.170	50.0	48.2	96	46.2	92	75-125	4	25	ug/L	07.16.2020 16:55	
4-Methyl-2-Pentanone	<0.874	250	262	105	260	104	60-140	1	25	ug/L	07.16.2020 16:55	
Styrene	<0.197	50.0	48.1	96	47.7	95	75-125	1	25	ug/L	07.16.2020 16:55	
1,1,1,2-Tetrachloroethane	<0.195	50.0	50.1	100	48.9	98	72-125	2	25	ug/L	07.16.2020 16:55	
1,1,2,2-Tetrachloroethane	<0.365	50.0	46.5	93	47.3	95	74-125	2	25	ug/L	07.16.2020 16:55	
Tetrachloroethylene	<0.347	50.0	45.7	91	44.5	89	71-125	3	25	ug/L	07.16.2020 16:55	
Toluene	<0.500	50.0	46.3	93	46.1	92	59-139	0	25	ug/L	07.16.2020 16:55	
1,1,1-Trichloroethane	<0.130	50.0	46.5	93	45.0	90	75-125	3	25	ug/L	07.16.2020 16:55	
1,1,2-Trichloroethane	<0.272	50.0	50.4	101	50.2	100	75-127	0	25	ug/L	07.16.2020 16:55	
Trichloroethene	<0.218	50.0	47.1	94	45.2	90	62-137	4	25	ug/L	07.16.2020 16:55	
Trichlorofluoromethane	<0.191	50.0	50.0	100	47.4	95	60-140	5	25	ug/L	07.16.2020 16:55	
1,2,3-Trichloropropane	<0.214	50.0	48.4	97	48.9	98	75-125	1	25	ug/L	07.16.2020 16:55	
o-Xylene	<0.500	50.0	46.6	93	46.2	92	75-125	1	25	ug/L	07.16.2020 16:55	
m,p-Xylenes	<1.00	100	96.9	97	94.8	95	75-125	2	25	ug/L	07.16.2020 16:55	
Vinyl Acetate	<0.583	250	252	101	247	99	60-140	2	25	ug/L	07.16.2020 16:55	
Vinyl Chloride	<0.232	50.0	46.2	92	45.0	90	60-140	3	25	ug/L	07.16.2020 16:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
MS/MSD Percent Recovery	[D] = 100*(C-A) / B				LCSD = Laboratory Control Sample		MS = Matrix Spike		
Relative Percent Difference	RPD = 200* (C-E) / (C+E)				A = Parent Result		B = Spike Added		
LCS/LCSD Recovery	[D] = 100 * (C) / [B]				C = MS/LCS Result		D = MSD/LCSD % Rec		
Log Difference	Log Diff. = Log(Sample Duplicate) - Log(Original Sample)				E = MSD/LCSD Result				

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131915

MB Sample Id: 7707552-1-BLK

Matrix: Water

LCS Sample Id: 7707552-1-BKS

Prep Method: SW5030B

Date Prep: 07.16.2020

LCSD Sample Id: 7707552-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	102		94		94		75-131	%	07.16.2020 16:55
1,2-Dichloroethane-D4	105		94		95		63-144	%	07.16.2020 16:55
Toluene-D8	96		99		100		80-117	%	07.16.2020 16:55
4-Bromofluorobenzene	101		96		99		74-124	%	07.16.2020 16:55

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131674

Matrix: Ground Water

Prep Method: SW5030B

Date Prep: 07.14.2020

Parent Sample Id: 666827-001

MS Sample Id: 666827-001 S

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<20.0	250	177	71	33-121	ug/L	07.14.2020 11:02	
Acrylonitrile	<1.22	250	237	95	68-124	ug/L	07.14.2020 11:02	
Benzene	<0.185	50.0	50.4	101	76-110	ug/L	07.14.2020 11:02	
Bromochloromethane	<0.328	50.0	49.4	99	72-112	ug/L	07.14.2020 11:02	
Bromodichloromethane	<0.164	50.0	49.6	99	75-116	ug/L	07.14.2020 11:02	
Bromoform	<0.348	50.0	53.2	106	66-119	ug/L	07.14.2020 11:02	
Bromomethane	<0.127	50.0	50.3	101	60-110	ug/L	07.14.2020 11:02	
2-Butanone	<1.32	250	226	90	59-114	ug/L	07.14.2020 11:02	
Carbon Disulfide	<0.173	50.0	53.8	108	71-128	ug/L	07.14.2020 11:02	
Carbon Tetrachloride	<0.243	50.0	51.3	103	77-119	ug/L	07.14.2020 11:02	
Chlorobenzene	<0.110	50.0	50.7	101	78-110	ug/L	07.14.2020 11:02	
Chloroethane	<0.190	50.0	40.8	82	62-113	ug/L	07.14.2020 11:02	
Chloroform	<0.107	50.0	49.1	98	79-111	ug/L	07.14.2020 11:02	
Chloromethane	<5.00	50.0	47.1	94	64-115	ug/L	07.14.2020 11:02	
Dibromochloromethane	<0.212	50.0	51.6	103	74-117	ug/L	07.14.2020 11:02	
1,2-Dibromo-3-Chloropropane	<0.707	50.0	41.8	84	70-124	ug/L	07.14.2020 11:02	
1,2-Dibromoethane	<0.380	50.0	52.3	105	75-117	ug/L	07.14.2020 11:02	
Dibromomethane	<0.186	50.0	46.7	93	72-114	ug/L	07.14.2020 11:02	
1,2-Dichlorobenzene	<0.175	50.0	50.9	102	77-115	ug/L	07.14.2020 11:02	
1,4-Dichlorobenzene	<0.222	50.0	51.6	103	76-112	ug/L	07.14.2020 11:02	
trans-1,4-dichloro-2-butene	<1.00	50.0	53.1	106	46-143	ug/L	07.14.2020 11:02	
1,1-Dichloroethane	<0.182	50.0	50.3	101	71-121	ug/L	07.14.2020 11:02	
1,2-Dichloroethane	<0.283	50.0	47.6	95	72-111	ug/L	07.14.2020 11:02	
1,1-Dichloroethene	<0.178	50.0	48.8	98	74-124	ug/L	07.14.2020 11:02	
cis-1,2-Dichloroethene	<0.162	50.0	52.5	105	72-121	ug/L	07.14.2020 11:02	
trans-1,2-dichloroethene	<0.167	50.0	47.9	96	72-117	ug/L	07.14.2020 11:02	
1,2-Dichloropropane	<0.170	50.0	53.2	106	75-113	ug/L	07.14.2020 11:02	
cis-1,3-Dichloropropene	<0.126	50.0	54.7	109	75-119	ug/L	07.14.2020 11:02	
trans-1,3-dichloropropene	<0.198	50.0	53.1	106	75-123	ug/L	07.14.2020 11:02	
Ethylbenzene	<0.190	50.0	52.4	105	80-116	ug/L	07.14.2020 11:02	
2-Hexanone	<1.05	250	233	93	66-129	ug/L	07.14.2020 11:02	
Methylene Chloride	<2.00	50.0	47.3	95	67-116	ug/L	07.14.2020 11:02	
Iodomethane (Methyl Iodide)	<0.170	50.0	54.1	108	74-108	ug/L	07.14.2020 11:02	
4-Methyl-2-Pentanone	<0.874	250	245	98	73-126	ug/L	07.14.2020 11:02	
Styrene	<0.197	50.0	53.6	107	74-124	ug/L	07.14.2020 11:02	
1,1,1,2-Tetrachloroethane	<0.195	50.0	54.7	109	75-114	ug/L	07.14.2020 11:02	
1,1,2,2-Tetrachloroethane	<0.365	50.0	46.3	93	75-113	ug/L	07.14.2020 11:02	
Tetrachloroethylene	<0.347	50.0	50.1	100	78-117	ug/L	07.14.2020 11:02	
Toluene	<0.500	50.0	52.2	104	77-112	ug/L	07.14.2020 11:02	
1,1,1-Trichloroethane	<0.130	50.0	51.2	102	75-118	ug/L	07.14.2020 11:02	
1,1,2-Trichloroethane	<0.272	50.0	52.5	105	75-114	ug/L	07.14.2020 11:02	
Trichloroethene	<0.218	50.0	52.0	104	70-123	ug/L	07.14.2020 11:02	
Trichlorofluoromethane	<0.191	50.0	48.4	97	69-118	ug/L	07.14.2020 11:02	
1,2,3-Trichloropropane	<0.214	50.0	49.4	99	73-115	ug/L	07.14.2020 11:02	
o-Xylene	<0.500	50.0	52.7	105	78-122	ug/L	07.14.2020 11:02	
m,p-Xylenes	<1.00	100	109	109	79-118	ug/L	07.14.2020 11:02	
Vinyl Acetate	<0.583	250	269	108	68-114	ug/L	07.14.2020 11:02	
Vinyl Chloride	<0.232	50.0	44.0	88	65-114	ug/L	07.14.2020 11:02	

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
MS/MSD Percent Recovery	[D] = 100*(C-A) / B		LCS = Laboratory Control Sample	MS = Matrix Spike	
Relative Percent Difference	RPD = 200* (C-E) / (C+E)		A = Parent Result	B = Spike Added	
LCS/LCSD Recovery	[D] = 100 * (C) / [B]		C = MS/LCS Result	D = MSD/LCSD % Rec	
Log Difference	Log Diff. = Log(Sample Duplicate) - Log(Original Sample)		E = MSD/LCSD Result		

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131674

Matrix: Ground Water

Prep Method: SW5030B

Parent Sample Id: 666827-001

MS Sample Id: 666827-001 S

Date Prep: 07.14.2020

Surrogate

	MS %Rec	MS Flag	Limits	Units	Analysis Date
Dibromofluoromethane	97		75-131	%	07.14.2020 11:02
1,2-Dichloroethane-D4	95		63-144	%	07.14.2020 11:02
Toluene-D8	102		80-117	%	07.14.2020 11:02
4-Bromofluorobenzene	101		74-124	%	07.14.2020 11:02

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal

Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131788

Matrix: Ground Water

Prep Method: SW5030B

Date Prep: 07.15.2020

Parent Sample Id: 666827-011

MS Sample Id: 666827-011 S

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<20.0	250	189	76	33-121	ug/L	07.15.2020 13:50	
Acrylonitrile	<1.22	250	252	101	68-124	ug/L	07.15.2020 13:50	
Benzene	<0.185	50.0	48.8	98	76-110	ug/L	07.15.2020 13:50	
Bromochloromethane	<0.328	50.0	48.1	96	72-112	ug/L	07.15.2020 13:50	
Bromodichloromethane	<0.164	50.0	50.1	100	75-116	ug/L	07.15.2020 13:50	
Bromoform	<0.348	50.0	53.3	107	66-119	ug/L	07.15.2020 13:50	
Bromomethane	<0.127	50.0	57.4	115	60-110	ug/L	07.15.2020 13:50	X
2-Butanone	<1.32	250	249	100	59-114	ug/L	07.15.2020 13:50	
Carbon Disulfide	<0.173	50.0	39.0	78	71-128	ug/L	07.15.2020 13:50	
Carbon Tetrachloride	<0.243	50.0	50.6	101	77-119	ug/L	07.15.2020 13:50	
Chlorobenzene	<0.110	50.0	49.6	99	78-110	ug/L	07.15.2020 13:50	
Chloroethane	<0.190	50.0	47.6	95	62-113	ug/L	07.15.2020 13:50	
Chloroform	<0.107	50.0	47.9	96	79-111	ug/L	07.15.2020 13:50	
Chloromethane	<5.00	50.0	41.2	82	64-115	ug/L	07.15.2020 13:50	
Dibromochloromethane	<0.212	50.0	53.3	107	74-117	ug/L	07.15.2020 13:50	
1,2-Dibromo-3-Chloropropane	<0.707	50.0	49.2	98	70-124	ug/L	07.15.2020 13:50	
1,2-Dibromoethane	<0.380	50.0	52.8	106	75-117	ug/L	07.15.2020 13:50	
Dibromomethane	<0.186	50.0	47.3	95	72-114	ug/L	07.15.2020 13:50	
1,2-Dichlorobenzene	<0.175	50.0	52.6	105	77-115	ug/L	07.15.2020 13:50	
1,4-Dichlorobenzene	<0.222	50.0	51.3	103	76-112	ug/L	07.15.2020 13:50	
trans-1,4-dichloro-2-butene	<1.00	50.0	51.7	103	46-143	ug/L	07.15.2020 13:50	
1,1-Dichloroethane	<0.182	50.0	47.1	94	71-121	ug/L	07.15.2020 13:50	
1,2-Dichloroethane	<0.283	50.0	47.0	94	72-111	ug/L	07.15.2020 13:50	
1,1-Dichloroethene	<0.178	50.0	46.7	93	74-124	ug/L	07.15.2020 13:50	
cis-1,2-Dichloroethene	<0.162	50.0	51.5	103	72-121	ug/L	07.15.2020 13:50	
trans-1,2-dichloroethene	<0.167	50.0	45.5	91	72-117	ug/L	07.15.2020 13:50	
1,2-Dichloropropane	<0.170	50.0	52.5	105	75-113	ug/L	07.15.2020 13:50	
cis-1,3-Dichloropropene	<0.126	50.0	53.4	107	75-119	ug/L	07.15.2020 13:50	
trans-1,3-dichloropropene	<0.198	50.0	55.2	110	75-123	ug/L	07.15.2020 13:50	
Ethylbenzene	<0.190	50.0	51.4	103	80-116	ug/L	07.15.2020 13:50	
2-Hexanone	<1.05	250	260	104	66-129	ug/L	07.15.2020 13:50	
Methylene Chloride	<2.00	50.0	46.5	93	67-116	ug/L	07.15.2020 13:50	
Iodomethane (Methyl Iodide)	<0.170	50.0	52.2	104	74-108	ug/L	07.15.2020 13:50	
4-Methyl-2-Pentanone	<0.874	250	278	111	73-126	ug/L	07.15.2020 13:50	
Styrene	<0.197	50.0	53.5	107	74-124	ug/L	07.15.2020 13:50	
1,1,1,2-Tetrachloroethane	<0.195	50.0	54.5	109	75-114	ug/L	07.15.2020 13:50	
1,1,2,2-Tetrachloroethane	<0.365	50.0	51.0	102	75-113	ug/L	07.15.2020 13:50	
Tetrachloroethylene	<0.347	50.0	48.9	98	78-117	ug/L	07.15.2020 13:50	
Toluene	<0.500	50.0	50.5	101	77-112	ug/L	07.15.2020 13:50	
1,1,1-Trichloroethane	<0.130	50.0	50.0	100	75-118	ug/L	07.15.2020 13:50	
1,1,2-Trichloroethane	<0.272	50.0	54.4	109	75-114	ug/L	07.15.2020 13:50	
Trichloroethene	<0.218	50.0	50.3	101	70-123	ug/L	07.15.2020 13:50	
Trichlorofluoromethane	<0.191	50.0	45.3	91	69-118	ug/L	07.15.2020 13:50	
1,2,3-Trichloropropane	<0.214	50.0	52.2	104	73-115	ug/L	07.15.2020 13:50	
o-Xylene	<0.500	50.0	51.7	103	78-122	ug/L	07.15.2020 13:50	
m,p-Xylenes	<1.00	100	105	105	79-118	ug/L	07.15.2020 13:50	
Vinyl Acetate	<0.583	250	294	118	68-114	ug/L	07.15.2020 13:50	X
Vinyl Chloride	<0.232	50.0	41.6	83	65-114	ug/L	07.15.2020 13:50	

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
MS/MSD Percent Recovery	[D] = 100*(C-A) / B		LCS = Laboratory Control Sample	MS = Matrix Spike	
Relative Percent Difference	RPD = 200* (C-E) / (C+E)		A = Parent Result	B = Spike Added	
LCS/LCSD Recovery	[D] = 100 * (C) / [B]		C = MS/LCS Result	D = MSD/LCSD % Rec	
Log Difference	Log Diff. = Log(Sample Duplicate) - Log(Original Sample)		E = MSD/LCSD Result		

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131788

Parent Sample Id: 666827-011

Matrix: Ground Water

MS Sample Id: 666827-011 S

Prep Method: SW5030B

Date Prep: 07.15.2020

Surrogate

	MS %Rec	MS Flag	Limits	Units	Analysis Date
Dibromofluoromethane	95		75-131	%	07.15.2020 13:50
1,2-Dichloroethane-D4	95		63-144	%	07.15.2020 13:50
Toluene-D8	101		80-117	%	07.15.2020 13:50
4-Bromofluorobenzene	100		74-124	%	07.15.2020 13:50

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal

Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131934

Matrix: Ground Water

Prep Method: SW5030B

Date Prep: 07.16.2020

Parent Sample Id: 666827-020

MS Sample Id: 666827-020 S

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<20.0	250	180	72	33-121	ug/L	07.16.2020 11:26	
Acrylonitrile	<1.22	250	243	97	68-124	ug/L	07.16.2020 11:26	
Benzene	<0.185	50.0	53.5	107	76-110	ug/L	07.16.2020 11:26	
Bromochloromethane	<0.328	50.0	51.8	104	72-112	ug/L	07.16.2020 11:26	
Bromodichloromethane	<0.164	50.0	52.8	106	75-116	ug/L	07.16.2020 11:26	
Bromoform	<0.348	50.0	53.9	108	66-119	ug/L	07.16.2020 11:26	
Bromomethane	<0.127	50.0	66.7	133	60-110	ug/L	07.16.2020 11:26	X
2-Butanone	<1.32	250	235	94	59-114	ug/L	07.16.2020 11:26	
Carbon Disulfide	<0.173	50.0	49.5	99	71-128	ug/L	07.16.2020 11:26	
Carbon Tetrachloride	<0.243	50.0	54.8	110	77-119	ug/L	07.16.2020 11:26	
Chlorobenzene	<0.110	50.0	52.7	105	78-110	ug/L	07.16.2020 11:26	
Chloroethane	<0.190	50.0	54.6	109	62-113	ug/L	07.16.2020 11:26	
Chloroform	<0.107	50.0	50.8	102	79-111	ug/L	07.16.2020 11:26	
Chloromethane	<5.00	50.0	49.0	98	64-115	ug/L	07.16.2020 11:26	
Dibromochloromethane	<0.212	50.0	55.3	111	74-117	ug/L	07.16.2020 11:26	
1,2-Dibromo-3-Chloropropane	<0.707	50.0	45.8	92	70-124	ug/L	07.16.2020 11:26	
1,2-Dibromoethane	<0.380	50.0	54.5	109	75-117	ug/L	07.16.2020 11:26	
Dibromomethane	<0.186	50.0	49.9	100	72-114	ug/L	07.16.2020 11:26	
1,2-Dichlorobenzene	<0.175	50.0	55.5	111	77-115	ug/L	07.16.2020 11:26	
1,4-Dichlorobenzene	<0.222	50.0	55.1	110	76-112	ug/L	07.16.2020 11:26	
trans-1,4-dichloro-2-butene	<1.00	50.0	50.2	100	46-143	ug/L	07.16.2020 11:26	
1,1-Dichloroethane	<0.182	50.0	51.7	103	71-121	ug/L	07.16.2020 11:26	
1,2-Dichloroethane	<0.283	50.0	48.3	97	72-111	ug/L	07.16.2020 11:26	
1,1-Dichloroethene	<0.178	50.0	51.2	102	74-124	ug/L	07.16.2020 11:26	
cis-1,2-Dichloroethene	<0.162	50.0	56.2	112	72-121	ug/L	07.16.2020 11:26	
trans-1,2-dichloroethene	<0.167	50.0	51.5	103	72-117	ug/L	07.16.2020 11:26	
1,2-Dichloropropane	<0.170	50.0	55.7	111	75-113	ug/L	07.16.2020 11:26	
cis-1,3-Dichloropropene	<0.126	50.0	56.5	113	75-119	ug/L	07.16.2020 11:26	
trans-1,3-dichloropropene	<0.198	50.0	57.0	114	75-123	ug/L	07.16.2020 11:26	
Ethylbenzene	<0.190	50.0	54.8	110	80-116	ug/L	07.16.2020 11:26	
2-Hexanone	<1.05	250	230	92	66-129	ug/L	07.16.2020 11:26	
Methylene Chloride	<2.00	50.0	51.4	103	67-116	ug/L	07.16.2020 11:26	
Iodomethane (Methyl Iodide)	<0.170	50.0	61.2	122	74-108	ug/L	07.16.2020 11:26	X
4-Methyl-2-Pentanone	<0.874	250	249	100	73-126	ug/L	07.16.2020 11:26	
Styrene	<0.197	50.0	56.8	114	74-124	ug/L	07.16.2020 11:26	
1,1,1,2-Tetrachloroethane	<0.195	50.0	57.0	114	75-114	ug/L	07.16.2020 11:26	
1,1,2,2-Tetrachloroethane	<0.365	50.0	49.7	99	75-113	ug/L	07.16.2020 11:26	
Tetrachloroethylene	<0.347	50.0	52.3	105	78-117	ug/L	07.16.2020 11:26	
Toluene	<0.500	50.0	53.5	107	77-112	ug/L	07.16.2020 11:26	
1,1,1-Trichloroethane	<0.130	50.0	53.0	106	75-118	ug/L	07.16.2020 11:26	
1,1,2-Trichloroethane	<0.272	50.0	54.7	109	75-114	ug/L	07.16.2020 11:26	
Trichloroethene	<0.218	50.0	54.8	110	70-123	ug/L	07.16.2020 11:26	
Trichlorofluoromethane	<0.191	50.0	48.9	98	69-118	ug/L	07.16.2020 11:26	
1,2,3-Trichloropropane	<0.214	50.0	51.4	103	73-115	ug/L	07.16.2020 11:26	
o-Xylene	<0.500	50.0	54.5	109	78-122	ug/L	07.16.2020 11:26	
m,p-Xylenes	<1.00	100	113	113	79-118	ug/L	07.16.2020 11:26	
Vinyl Acetate	<0.583	250	295	118	68-114	ug/L	07.16.2020 11:26	X
Vinyl Chloride	<0.232	50.0	48.3	97	65-114	ug/L	07.16.2020 11:26	

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
MS/MSD Percent Recovery	[D] = 100*(C-A) / B		LCS = Laboratory Control Sample	MS = Matrix Spike	
Relative Percent Difference	RPD = 200* (C-E) / (C+E)		A = Parent Result	B = Spike Added	
LCS/LCSD Recovery	[D] = 100 * (C) / [B]		C = MS/LCS Result	D = MSD/LCSD % Rec	
Log Difference	Log Diff. = Log(Sample Duplicate) - Log(Original Sample)		E = MSD/LCSD Result		

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131934

Matrix: Ground Water

Prep Method: SW5030B

Parent Sample Id: 666827-020

MS Sample Id: 666827-020 S

Date Prep: 07.16.2020

Surrogate

	MS %Rec	MS Flag	Limits	Units	Analysis Date
Dibromofluoromethane	97		75-131	%	07.16.2020 11:26
1,2-Dichloroethane-D4	95		63-144	%	07.16.2020 11:26
Toluene-D8	101		80-117	%	07.16.2020 11:26
4-Bromofluorobenzene	100		74-124	%	07.16.2020 11:26

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal

Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131915

Parent Sample Id: 666827-025

Matrix: Ground Water

MS Sample Id: 666827-025 S

Prep Method: SW5030B

Date Prep: 07.16.2020

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<20.0	250	172	69	33-121	ug/L	07.16.2020 18:01	
Acrylonitrile	<1.22	250	231	92	68-124	ug/L	07.16.2020 18:01	
Benzene	<0.185	50.0	44.5	89	76-110	ug/L	07.16.2020 18:01	
Bromochloromethane	<0.328	50.0	43.8	88	72-112	ug/L	07.16.2020 18:01	
Bromodichloromethane	<0.164	50.0	45.0	90	75-116	ug/L	07.16.2020 18:01	
Bromoform	<0.348	50.0	51.0	102	66-119	ug/L	07.16.2020 18:01	
Bromomethane	<0.127	50.0	55.1	110	60-110	ug/L	07.16.2020 18:01	
2-Butanone	<1.32	250	227	91	59-114	ug/L	07.16.2020 18:01	
Carbon Disulfide	<0.173	50.0	41.5	83	71-128	ug/L	07.16.2020 18:01	
Carbon Tetrachloride	<0.243	50.0	44.6	89	77-119	ug/L	07.16.2020 18:01	
Chlorobenzene	<0.110	50.0	46.2	92	78-110	ug/L	07.16.2020 18:01	
Chloroethane	<0.190	50.0	39.2	78	62-113	ug/L	07.16.2020 18:01	
Chloroform	<0.107	50.0	43.8	88	79-111	ug/L	07.16.2020 18:01	
Chloromethane	<5.00	50.0	50.5	101	64-115	ug/L	07.16.2020 18:01	
Dibromochloromethane	<0.212	50.0	48.3	97	74-117	ug/L	07.16.2020 18:01	
1,2-Dibromo-3-Chloropropane	<0.707	50.0	49.1	98	70-124	ug/L	07.16.2020 18:01	
1,2-Dibromoethane	<0.380	50.0	48.9	98	75-117	ug/L	07.16.2020 18:01	
Dibromomethane	<0.186	50.0	43.6	87	72-114	ug/L	07.16.2020 18:01	
1,2-Dichlorobenzene	<0.175	50.0	50.5	101	77-115	ug/L	07.16.2020 18:01	
1,4-Dichlorobenzene	<0.222	50.0	49.2	98	76-112	ug/L	07.16.2020 18:01	
trans-1,4-dichloro-2-butene	<1.00	50.0	53.8	108	46-143	ug/L	07.16.2020 18:01	
1,1-Dichloroethane	<0.182	50.0	44.0	88	71-121	ug/L	07.16.2020 18:01	
1,2-Dichloroethane	<0.283	50.0	43.1	86	72-111	ug/L	07.16.2020 18:01	
1,1-Dichloroethene	<0.178	50.0	40.9	82	74-124	ug/L	07.16.2020 18:01	
cis-1,2-Dichloroethene	<0.162	50.0	46.0	92	72-121	ug/L	07.16.2020 18:01	
trans-1,2-dichloroethene	<0.167	50.0	40.4	81	72-117	ug/L	07.16.2020 18:01	
1,2-Dichloropropane	<0.170	50.0	48.1	96	75-113	ug/L	07.16.2020 18:01	
cis-1,3-Dichloropropene	<0.126	50.0	49.5	99	75-119	ug/L	07.16.2020 18:01	
trans-1,3-dichloropropene	<0.198	50.0	48.5	97	75-123	ug/L	07.16.2020 18:01	
Ethylbenzene	<0.190	50.0	46.5	93	80-116	ug/L	07.16.2020 18:01	
2-Hexanone	<1.05	250	246	98	66-129	ug/L	07.16.2020 18:01	
Methylene Chloride	<2.00	50.0	41.1	82	67-116	ug/L	07.16.2020 18:01	
Iodomethane (Methyl Iodide)	<0.170	50.0	45.2	90	74-108	ug/L	07.16.2020 18:01	
4-Methyl-2-Pentanone	<0.874	250	253	101	73-126	ug/L	07.16.2020 18:01	
Styrene	<0.197	50.0	48.6	97	74-124	ug/L	07.16.2020 18:01	
1,1,1,2-Tetrachloroethane	<0.195	50.0	50.4	101	75-114	ug/L	07.16.2020 18:01	
1,1,2,2-Tetrachloroethane	<0.365	50.0	49.2	98	75-113	ug/L	07.16.2020 18:01	
Tetrachloroethylene	<0.347	50.0	44.5	89	78-117	ug/L	07.16.2020 18:01	
Toluene	<0.500	50.0	46.7	93	77-112	ug/L	07.16.2020 18:01	
1,1,1-Trichloroethane	<0.130	50.0	45.2	90	75-118	ug/L	07.16.2020 18:01	
1,1,2-Trichloroethane	<0.272	50.0	50.5	101	75-114	ug/L	07.16.2020 18:01	
Trichloroethene	<0.218	50.0	45.3	91	70-123	ug/L	07.16.2020 18:01	
Trichlorofluoromethane	<0.191	50.0	47.4	95	69-118	ug/L	07.16.2020 18:01	
1,2,3-Trichloropropane	<0.214	50.0	51.6	103	73-115	ug/L	07.16.2020 18:01	
o-Xylene	<0.500	50.0	47.6	95	78-122	ug/L	07.16.2020 18:01	
m,p-Xylenes	<1.00	100	96.6	97	79-118	ug/L	07.16.2020 18:01	
Vinyl Acetate	<0.583	250	244	98	68-114	ug/L	07.16.2020 18:01	
Vinyl Chloride	<0.232	50.0	44.8	90	65-114	ug/L	07.16.2020 18:01	

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
MS/MSD Percent Recovery	[D] = 100*(C-A) / B		LCS = Laboratory Control Sample	MS = Matrix Spike	
Relative Percent Difference	RPD = 200* (C-E) / (C+E)		A = Parent Result	B = Spike Added	
LCS/LCSD Recovery	[D] = 100 * (C) / [B]		C = MS/LCS Result	D = MSD/LCSD % Rec	
Log Difference	Log Diff. = Log(Sample Duplicate) - Log(Original Sample)		E = MSD/LCSD Result		

Advanced Disposal
 Eagle Point Landfill

Analytical Method: Appendix I VOCs by SW-846 8260B

Seq Number: 3131915

Parent Sample Id: 666827-025

Matrix: Ground Water

MS Sample Id: 666827-025 S

Prep Method: SW5030B

Date Prep: 07.16.2020

Surrogate

	MS %Rec	MS Flag	Limits	Units	Analysis Date
Dibromofluoromethane	93		75-131	%	07.16.2020 18:01
1,2-Dichloroethane-D4	93		63-144	%	07.16.2020 18:01
Toluene-D8	101		80-117	%	07.16.2020 18:01
4-Bromofluorobenzene	102		74-124	%	07.16.2020 18:01

MS/MSD Percent Recovery
 Relative Percent Difference
 LCS/LCSD Recovery
 Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Form 2 - Surrogate Recoveries

Project Name: Eagle Point Landfill

Report Date: 07202020

Work Orders : 666827

Project ID: 058-012D(SL)

Lab Batch #: 3131674

Sample: 7707392-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.14.2020 10:02

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0493	0.0500	99	75-131	
1,2-Dichloroethane-D4	0.0470	0.0500	94	63-144	
Toluene-D8	0.0498	0.0500	100	80-117	
4-Bromofluorobenzene	0.0484	0.0500	97	74-124	

Lab Batch #: 3131674

Sample: 7707392-1-BSD / BSD

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.14.2020 10:26

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0482	0.0500	96	75-131	
1,2-Dichloroethane-D4	0.0466	0.0500	93	63-144	
Toluene-D8	0.0498	0.0500	100	80-117	
4-Bromofluorobenzene	0.0486	0.0500	97	74-124	

Lab Batch #: 3131674

Sample: 666827-001 S / MS

Batch: 1 Matrix: Ground Water

Units: mg/L

Date Analyzed: 07.14.2020 11:02

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0486	0.0500	97	75-131	
1,2-Dichloroethane-D4	0.0474	0.0500	95	63-144	
Toluene-D8	0.0508	0.0500	102	80-117	
4-Bromofluorobenzene	0.0503	0.0500	101	74-124	

Lab Batch #: 3131674

Sample: 7707392-1-BLK / BLK

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.14.2020 12:37

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0531	0.0500	106	75-131	
1,2-Dichloroethane-D4	0.0532	0.0500	106	63-144	
Toluene-D8	0.0489	0.0500	98	80-117	
4-Bromofluorobenzene	0.0509	0.0500	102	74-124	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Eagle Point Landfill

Report Date: 07202020

Work Orders : 666827

Project ID: 058-012D(SL)

Lab Batch #: 3131788

Sample: 7707466-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.15.2020 12:29

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0479	0.0500	96	75-131	
1,2-Dichloroethane-D4	0.0460	0.0500	92	63-144	
Toluene-D8	0.0499	0.0500	100	80-117	
4-Bromofluorobenzene	0.0497	0.0500	99	74-124	

Lab Batch #: 3131788

Sample: 7707466-1-BSD / BSD

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.15.2020 12:54

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0478	0.0500	96	75-131	
1,2-Dichloroethane-D4	0.0467	0.0500	93	63-144	
Toluene-D8	0.0500	0.0500	100	80-117	
4-Bromofluorobenzene	0.0492	0.0500	98	74-124	

Lab Batch #: 3131788

Sample: 666827-011 S / MS

Batch: 1 Matrix: Ground Water

Units: mg/L

Date Analyzed: 07.15.2020 13:50

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0476	0.0500	95	75-131	
1,2-Dichloroethane-D4	0.0475	0.0500	95	63-144	
Toluene-D8	0.0503	0.0500	101	80-117	
4-Bromofluorobenzene	0.0500	0.0500	100	74-124	

Lab Batch #: 3131788

Sample: 7707466-1-BLK / BLK

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.15.2020 15:28

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0530	0.0500	106	75-131	
1,2-Dichloroethane-D4	0.0536	0.0500	107	63-144	
Toluene-D8	0.0479	0.0500	96	80-117	
4-Bromofluorobenzene	0.0510	0.0500	102	74-124	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Eagle Point Landfill

Report Date: 07202020

Work Orders : 666827

Project ID: 058-012D(SL)

Lab Batch #: 3131915

Sample: 7707552-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.16.2020 16:55

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0472	0.0500	94	75-131	
1,2-Dichloroethane-D4	0.0471	0.0500	94	63-144	
Toluene-D8	0.0497	0.0500	99	80-117	
4-Bromofluorobenzene	0.0479	0.0500	96	74-124	

Lab Batch #: 3131915

Sample: 7707552-1-BSD / BSD

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.16.2020 17:32

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0471	0.0500	94	75-131	
1,2-Dichloroethane-D4	0.0475	0.0500	95	63-144	
Toluene-D8	0.0501	0.0500	100	80-117	
4-Bromofluorobenzene	0.0493	0.0500	99	74-124	

Lab Batch #: 3131915

Sample: 666827-025 S / MS

Batch: 1 Matrix: Ground Water

Units: mg/L

Date Analyzed: 07.16.2020 18:01

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0467	0.0500	93	75-131	
1,2-Dichloroethane-D4	0.0466	0.0500	93	63-144	
Toluene-D8	0.0506	0.0500	101	80-117	
4-Bromofluorobenzene	0.0509	0.0500	102	74-124	

Lab Batch #: 3131915

Sample: 7707552-1-BLK / BLK

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.16.2020 19:35

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0510	0.0500	102	75-131	
1,2-Dichloroethane-D4	0.0523	0.0500	105	63-144	
Toluene-D8	0.0482	0.0500	96	80-117	
4-Bromofluorobenzene	0.0504	0.0500	101	74-124	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Eagle Point Landfill

Report Date: 07202020

Work Orders : 666827

Project ID: 058-012D(SL)

Lab Batch #: 3131934

Sample: 7707557-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.16.2020 10:18

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0478	0.0500	96	75-131	
1,2-Dichloroethane-D4	0.0470	0.0500	94	63-144	
Toluene-D8	0.0503	0.0500	101	80-117	
4-Bromofluorobenzene	0.0494	0.0500	99	74-124	

Lab Batch #: 3131934

Sample: 7707557-1-BSD / BSD

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.16.2020 10:42

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0472	0.0500	94	75-131	
1,2-Dichloroethane-D4	0.0463	0.0500	93	63-144	
Toluene-D8	0.0499	0.0500	100	80-117	
4-Bromofluorobenzene	0.0495	0.0500	99	74-124	

Lab Batch #: 3131934

Sample: 666827-020 S / MS

Batch: 1 Matrix: Ground Water

Units: mg/L

Date Analyzed: 07.16.2020 11:26

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0483	0.0500	97	75-131	
1,2-Dichloroethane-D4	0.0475	0.0500	95	63-144	
Toluene-D8	0.0503	0.0500	101	80-117	
4-Bromofluorobenzene	0.0502	0.0500	100	74-124	

Lab Batch #: 3131934

Sample: 7707557-1-BLK / BLK

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.16.2020 12:37

SURROGATE RECOVERY STUDY

Appendix I VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0522	0.0500	104	75-131	
1,2-Dichloroethane-D4	0.0524	0.0500	105	63-144	
Toluene-D8	0.0480	0.0500	96	80-117	
4-Bromofluorobenzene	0.0496	0.0500	99	74-124	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
 Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
 Tampa, FL (813) 620-2000, Tallahassee, FL (850) 766-0747, Delray Beach, FL (561) 689-6701
 Atlanta, GA (770) 449-8800

Work Order No: 666827

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Project Manager:	Michael Stowe	Bill to: (if different)	
Company Name:	Advanced Disposal Services	Company Name:	
Address:	230 Colonial Center Pkwy, Ste 230	Address:	
City, State ZIP:	Roswell, GA 30076	City, State ZIP:	
Phone:	904-504-8559	Email:	michael.stowe@advanceddisposal.com

Project Name:	Eagle Point Landfill	Turn Around	
Project Number:	058-012D(SL)	Routine:	<input checked="" type="checkbox"/>
Project Location:	Ball Ground, GA	Rush:	<input type="checkbox"/>
Sampler's Name:		Due Date:	

Temp Blank:	Yes	No	Wet Ice:	Yes	No
Temperature (°C):	14.16		Thermometer ID:	ATL-123	
Received Intact:	Yes	No	Correction Factor:	+0.2	
Cooler Custody Seals:	Yes	No	Total Containers:		
Sample Custody Seals:	Yes	No			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	H	EH	ANALYSIS REQUEST	Preservative Codes
GWC-10D	GW	7/17/20	1022	-	4 3				HNO3: HN H2SO4: H2 HCL: HL None: NO NaOH: Na MeOH: Me Zn Acetate+ NaOH: Zn
GWC-11	GW	7/18	1211	-	4 3				TAT starts the day received by the lab, if received by 4:30pm
GWC-13R	GW	7/18	1009	-	4 3				
GWC-14R	GW	7/17	1135	-	4 3				
GWC-15	GW	7/18	1031	-	4 3				
GWC-16	GW	7/17	1225	-	4 3				
GWC-17	GW	7/18	1101	-	4 3				
GWC-18	GW	7/18	1130	-	4 3				
GWC-19	GW	7/17	1359	-	4 3				
GWC-20	GW	7/17	1324	-	4 3				

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SIO2 Na Sr TI Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U 1631 / 245.1 / 7470 / 7471 : Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client; if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Michael Stowe</i>	<i>John G. ...</i>	7/17/20 1530			



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 Atlanta, GA (770) 449-8800

Work Order No: 666527

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Work Order Comments

Program: UST/PST PRF Brownfield RRC Superfund
 State of Project: GA
 Reporting Level II Level III PST/US TRF Level
 Deliverables: EDD ADaPT Other:

Project Manager: Michael Stowe
 Company Name: Advanced Disposal Services
 Address: 230 Colonial Center Pkwy, Site 230
 City, State ZIP: Roswell, GA 30076
 Phone: 904-504-8559
 Email: michael.stowe@advanceddisposal.com

Bill to: (if different)
 Company Name:
 Address:
 City, State ZIP:

Project Name: Eagle Point Landfill
 Project Number: 058-012D(SL)
 Project Location: Ball Ground, GA
 Sampler's Name: N. Walker
 PO #: 1000000000

Turn Around Routine:
 Rush:
 Due Date:

Temp Blank: Yes No
 Wet Ice: Yes No
 Thermometer ID: ATE-123

Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code		ANALYSIS REQUEST	Preservative Codes
					H	HE		
GWC-21	GW	7/7/20	1309	-	4	3		HNO3: HN H2SO4: H2 HCL: HL None: NO NaOH: Na MeOH: Me Zn Acetate+ NaOH: Zn
GWC-22	GW	7/8	1208	-	4	3		TAT starts the day received by the lab, if received by 4:30pm
GWC-23	GW	7/8	1253	-	4	3		
GWC-24	GW	7/8	1352	-	4	3		
GWC-25	GW	7/8	1426	-	4	3		
GWC-26	GW	7/8	1449	-	4	3		
GWC-27	GW	7/7	1154	-	4	3		
GWC-28	GW	7/7	1225	-	4	3		
GWC-29	GW	7/7	1249	-	4	3		
Field Blank	W	7/9	1310	-	4	3		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SIO2 Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U 1631 / 245.1 / 7470 / 7471 : Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>N. Walker</u>	<u>John L. ...</u>	7/9/20 1530			



Chain of Custody

Work Order No: 666827

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 Midland, TX (432) 704-5440, El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
 Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
 Atlanta, GA (770) 449-8800

www.xenco.com Page 4 of 4

Work Order Comments

Program: UST/PST PRF Brownfield RRC Superfund
 State of Project: GA
 Reporting: Level II Level III PST/US TRF Level
 Deliverables: EDD ADaPT Other:

Project Manager: Michael Stowe
 Company Name: Advanced Disposal Services
 Address: 230 Colonial Center Pkwy, Ste 230
 City, State ZIP: Roswell, GA 30076
 Phone: 904-504-8559
 Email: michael.stowe@advanceddisposal.com

Bill to: (if different)
 Company Name:
 Address:
 City, State ZIP:

Project Name: Eagle Point Landfill
 Project Number: 058-012D(SL)
 Project Location: Ball Ground, GA
 Sampler's Name:
 PO #:

Turn Around
 Routine:
 Rush:
 Due Date:

SAMPLE RECEIPT
 Temperature (°C): 14.6
 Received Intact: Yes No
 Cooler Custody Seals: Yes No N/A
 Sample Custody Seals: Yes No N/A

Temp Blank: Yes No
 Wet Ice: Yes No
 Thermometer ID: ATL-123
 Correction Factor: F0.2
 Total Containers:

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	GA Appendix I VOCs (8260)	GA Appendix I Metals	CI	COD	TOC	Total Metals (Hg, Se)	Dissolved Metals (As, Ba, Cd, Cr, Cu, Ni, Pb, Se)
Top Blank	W	7/6/20	0700	-	3	3						
SWA-1	SW	7/9	1151	-	7							
SWC-1	SW	7/9	1106	-	4	3	1					
SWC-5	SW	7/9	1334	-	4	3	1					
SWC-6	SW	7/9	1121	-	4	3	1					
SWC-7	SW	7/9	1132	-	4	3	1					
SWC-8	SW	7/9	1211	-	4	3	1					
SWC-9	SW	7/6	1423	-	7			1	1	2	1	1
SWC-10	SW	7/9	1232	-	4	3	1					
SWC-12	SW	7/9	1051	-	4	3	1					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U 1631 / 245.1 / 7470 / 7471 : Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	7/10 1530			2
					4
					6

Inter-Office Shipment

IOS Number : 66948

Date/Time: 07.10.2020

Created by: John Andros

Please send report to: John Andros

Lab# From: Atlanta

Delivery Priority:

Address: 1600 Oakbrook Dr., Suite 565, Norcross, GA 30094

Lab# To: Houston

Air Bill No.: 770927746317

E-Mail: john.andros@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
666827-001	W	GWC-1	07.07.2020 11:24	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-001	W	GWC-1	07.07.2020 11:24	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-002	W	GWC-2	07.07.2020 10:54	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-002	W	GWC-2	07.07.2020 10:54	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-003	W	GWC-3	07.07.2020 10:03	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-003	W	GWC-3	07.07.2020 10:03	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-004	W	GWC-4	07.07.2020 13:54	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-004	W	GWC-4	07.07.2020 13:54	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-005	W	GWC-5	07.07.2020 09:39	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-005	W	GWC-5	07.07.2020 09:39	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-006	W	GWC-6	07.06.2020 13:03	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.20.2020	JNA	ACE ACRN BDCME BR	
666827-006	W	GWC-6	07.06.2020 13:03	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.02.2021	JNA	AG AS BA BE CD CO CI	
666827-007	W	GWC-7	07.08.2020 11:15	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	
666827-007	W	GWC-7	07.08.2020 11:15	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	
666827-008	W	GWC-7A	07.08.2020 10:43	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	
666827-008	W	GWC-7A	07.08.2020 10:43	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	
666827-009	W	GWC-8	07.07.2020 10:54	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-009	W	GWC-8	07.07.2020 10:54	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-010	W	GWC-9	07.06.2020 12:17	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.20.2020	JNA	ACE ACRN BDCME BR	
666827-010	W	GWC-9	07.06.2020 12:17	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.02.2021	JNA	AG AS BA BE CD CO CI	
666827-011	W	GWC-10D	07.07.2020 10:22	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-011	W	GWC-10D	07.07.2020 10:22	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-012	W	GWC-11	07.08.2020 12:11	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	
666827-012	W	GWC-11	07.08.2020 12:11	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	
666827-013	W	GWC-13R	07.08.2020 10:09	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	

Inter-Office Shipment

IOS Number : 66948

Date/Time: 07.10.2020

Created by: John Andros

Please send report to: John Andros

Lab# From: Atlanta

Delivery Priority:

Address: 1600 Oakbrook Dr., Suite 565, Norcross, GA 30094

Lab# To: Houston

Air Bill No.: 770927746317

E-Mail: john.andros@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
666827-013	W	GWC-13R	07.08.2020 10:09	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	
666827-014	W	GWC-14R	07.07.2020 11:35	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-014	W	GWC-14R	07.07.2020 11:35	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-015	W	GWC-15	07.08.2020 10:31	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	
666827-015	W	GWC-15	07.08.2020 10:31	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	
666827-016	W	GWC-16	07.07.2020 12:25	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-016	W	GWC-16	07.07.2020 12:25	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-017	W	GWC-17	07.08.2020 11:01	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	
666827-017	W	GWC-17	07.08.2020 11:01	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	
666827-018	W	GWC-18	07.08.2020 11:30	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	
666827-018	W	GWC-18	07.08.2020 11:30	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	
666827-019	W	GWC-19	07.07.2020 13:59	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-019	W	GWC-19	07.07.2020 13:59	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-020	W	GWC-20	07.07.2020 13:24	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-020	W	GWC-20	07.07.2020 13:24	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-021	W	GWC-21	07.07.2020 13:09	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-021	W	GWC-21	07.07.2020 13:09	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-022	W	GWC-22	07.08.2020 12:08	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	
666827-022	W	GWC-22	07.08.2020 12:08	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	
666827-023	W	GWC-23	07.08.2020 12:53	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	
666827-023	W	GWC-23	07.08.2020 12:53	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	
666827-024	W	GWC-24	07.08.2020 13:52	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	
666827-024	W	GWC-24	07.08.2020 13:52	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	
666827-025	W	GWC-25	07.08.2020 14:26	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	
666827-025	W	GWC-25	07.08.2020 14:26	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	

Inter Office Shipment or Sample Comments:

Inter-Office Shipment

IOS Number : 66948

Date/Time: 07.10.2020

Created by: John Andros

Please send report to: John Andros

Lab# From: Atlanta

Delivery Priority:

Address: 1600 Oakbrook Dr., Suite 565, Norcross, GA 30094

Lab# To: Houston

Air Bill No.: 770927746317

E-Mail: john.andros@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
666827-026	W	GWC-26	07.08.2020 14:49	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.22.2020	JNA	ACE ACRN BDCME BR	
666827-026	W	GWC-26	07.08.2020 14:49	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.04.2021	JNA	AG AS BA BE CD CO CI	
666827-027	W	GWC-27	07.07.2020 11:54	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-027	W	GWC-27	07.07.2020 11:54	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-028	W	GWC-28	07.07.2020 12:25	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-028	W	GWC-28	07.07.2020 12:25	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-029	W	GWC-29	07.07.2020 12:49	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.21.2020	JNA	ACE ACRN BDCME BR	
666827-029	W	GWC-29	07.07.2020 12:49	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.03.2021	JNA	AG AS BA BE CD CO CI	
666827-030	W	Field Blank	07.09.2020 13:10	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.23.2020	JNA	ACE ACRN BDCME BR	
666827-030	W	Field Blank	07.09.2020 13:10	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.05.2021	JNA	AG AS BA BE CD CO CI	
666827-031	W	Trip Blank	07.06.2020 08:00	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.20.2020	JNA	ACE ACRN BDCME BR	
666827-032	W	SWA-1	07.09.2020 11:51	SW6020_Select_DIS	Dissolved Metals by SW-846 6020A	07.17.2020	01.05.2021	JNA	AG AS BA CD CR NI PB	
666827-032	W	SWA-1	07.09.2020 11:51	SW6020_TB1_SW	Total Metals by SW-846 6020A	07.17.2020	01.05.2021	JNA	SE	
666827-032	W	SWA-1	07.09.2020 11:51	SW9056A	Chloride by SW 9056A	07.17.2020	07.23.2020	JNA	CL	
666827-032	W	SWA-1	07.09.2020 11:51	E335.4	Total Cyanide by EPA 335.4	07.17.2020	07.23.2020	JNA	CN	
666827-032	W	SWA-1	07.09.2020 11:51	SW7470A	Mercury by SW-846 7470A	07.17.2020	08.06.2020	JNA	HG	
666827-032	W	SWA-1	07.09.2020 11:51	SM5310C	TOC by SM 5310C	07.17.2020	08.06.2020	JNA		
666827-032	W	SWA-1	07.09.2020 11:51	H8000	Chemical Oxygen Demand by HACH 8000	07.17.2020	08.06.2020	JNA	COD	
666827-033	W	SWC-1	07.09.2020 11:06	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.23.2020	JNA	ACE ACRN BDCME BR	
666827-033	W	SWC-1	07.09.2020 11:06	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.05.2021	JNA	AG AS BA BE CD CO CI	
666827-034	W	SWC-5	07.06.2020 13:34	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.20.2020	JNA	ACE ACRN BDCME BR	
666827-034	W	SWC-5	07.06.2020 13:34	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.02.2021	JNA	AG AS BA BE CD CO CI	
666827-035	W	SWC-6	07.09.2020 11:21	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.23.2020	JNA	ACE ACRN BDCME BR	
666827-035	W	SWC-6	07.09.2020 11:21	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.05.2021	JNA	AG AS BA BE CD CO CI	
666827-036	W	SWC-7	07.09.2020 11:32	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.23.2020	JNA	ACE ACRN BDCME BR	

Inter Office Shipment or Sample Comments:

Relinquished By:

Received By:

Inter-Office Shipment

IOS Number : 66948

Date/Time: 07.10.2020

Created by: John Andros

Please send report to: John Andros

Lab# From: Atlanta

Delivery Priority:

Address: 1600 Oakbrook Dr., Suite 565, Norcross, GA 30094

Lab# To: Houston

Air Bill No.: 770927746317

E-Mail: john.andros@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
666827-036	W	SWC-7	07.09.2020 11:32	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.05.2021	JNA	AG AS BA BE CD CO CI	
666827-037	W	SWC-8	07.09.2020 12:11	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.05.2021	JNA	AG AS BA BE CD CO CI	
666827-037	W	SWC-8	07.09.2020 12:11	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.23.2020	JNA	ACE ACRN BDCME BR	
666827-038	W	SWC-9	07.06.2020 14:23	SW6020_TB1_SW	Total Metals by SW-846 6020A	07.17.2020	01.02.2021	JNA	SE	
666827-038	W	SWC-9	07.06.2020 14:23	SW9056A	Chloride by SW 9056A	07.17.2020	07.20.2020	JNA	CL	
666827-038	W	SWC-9	07.06.2020 14:23	SW6020_Select_DIS	Dissolved Metals by SW-846 6020A	07.17.2020	01.02.2021	JNA	AG AS BA CD CR NI PB	
666827-038	W	SWC-9	07.06.2020 14:23	SW7470A	Mercury by SW-846 7470A	07.17.2020	08.03.2020	JNA	HG	
666827-038	W	SWC-9	07.06.2020 14:23	E335.4	Total Cyanide by EPA 335.4	07.17.2020	07.20.2020	JNA	CN	
666827-038	W	SWC-9	07.06.2020 14:23	H8000	Chemical Oxygen Demand by HACH 80	07.17.2020	08.03.2020	JNA	COD	
666827-038	W	SWC-9	07.06.2020 14:23	SM5310C	TOC by SM 5310C	07.17.2020	08.03.2020	JNA		
666827-039	W	SWC-10	07.09.2020 12:32	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.23.2020	JNA	ACE ACRN BDCME BR	
666827-039	W	SWC-10	07.09.2020 12:32	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.05.2021	JNA	AG AS BA BE CD CO CI	
666827-040	W	SWC-12	07.09.2020 10:51	SW8260B_APP_I	Appendix I VOCs by SW-846 8260B	07.17.2020	07.23.2020	JNA	ACE ACRN BDCME BR	
666827-040	W	SWC-12	07.09.2020 10:51	SW6020_APP_I	Appendix I Metals by SW-846 6020A	07.17.2020	01.05.2021	JNA	AG AS BA BE CD CO CI	

Inter Office Shipment or Sample Comments:

Date Relinquished:



John Andros

07.10.2020

Date Received:



Jhyrom Edralin

07.11.2020

Cooler Temperature: 2.1



Inter Office Report- Sample Receipt Checklist

Sent To: Houston

IOS #: 66948

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : hou-068

Sent By: John Andros

Date Sent: 07.10.2020 06.56 PM

Received By: Jhyrom Edralin

Date Received: 07.11.2020 10.00 AM

Sample Receipt Checklist

Comments

#1 *Temperature of cooler(s)?	2.1	
#2 *Shipping container in good condition?	Yes	+0.2
#3 *Samples received with appropriate temperature?	Yes	
#4 *Custody Seals intact on shipping container/ cooler?	N/A	
#5 *Custody Seals Signed and dated for Containers/coolers	N/A	
#6 *IOS present?	Yes	
#7 Any missing/extra samples?	No	
#8 IOS agrees with sample label(s)/matrix?	Yes	
#9 Sample matrix/ properties agree with IOS?	Yes	
#10 Samples in proper container/ bottle?	Yes	
#11 Samples properly preserved?	Yes	
#12 Sample container(s) intact?	Yes	
#13 Sufficient sample amount for indicated test(s)?	Yes	
#14 All samples received within hold time?	Yes	

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact: _____ Contacted by : _____ Date: _____

Checklist reviewed by:

Jhyrom Edralin

Date: 07.11.2020

Eurofins Xenco, LLC
Prelogin/Nonconformance Report- Sample Log-In

Client: Advanced Disposal

Date/ Time Received: 07.09.2020 03.30.00 PM

Work Order #: 666827

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient


Temperature Measuring device used : ATL-123

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	1.6
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6*Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	Yes
#18 Water VOC samples have zero headspace?	Yes

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: MCM

PH Device/Lot#: 017317-003

Checklist completed by:  Date: 07.10.2020
John Andros

Checklist reviewed by:  Date: 07.10.2020
John Andros

Analytical Report 666434

for

Advanced Disposal

Project Manager: Michael Stowe

Eagle Point Landfill

058-012D(SL)

10.14.2020

Collected By: Client



1600 Oakbrook Dr., Suite 565, Norcross, GA 30093
Ph:(770) 449-8800

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)

10.14.2020

Project Manager: **Michael Stowe**

Advanced Disposal

300 Colonial Center Pkwy

Suite 230

Roswell, GA 30076

Reference: Eurofins Xenco, LLC Report No(s): **666434**

Eagle Point Landfill

Project Address: Ball Ground, GA

Michael Stowe:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 666434. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 666434 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,



John Andros

Lab Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

CASE NARRATIVE

Client Name: Advanced Disposal

Project Name: Eagle Point Landfill

Project ID: 058-012D(SL)
Work Order Number(s): 666434

Report Date: 10.14.2020
Date Received: 07.07.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3131099 Appendix II Herbicides by SW-846 8151A

Surrogate 2,4-Dichlorophenylacetic Acid recovered above QC limits. Matrix interferences is suspected, No target analytes were present in the sample at or above the respective limits of detection. No additional action is required.

Samples affected are: 666434-003.

Batch: LBA-3131113 Appendix II Pesticides by SW-846 8081B

Surrogate Tetrachloro-m-xylene recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 666434-003.

Batch: LBA-3131123 Appendix II VOCs by SW-846 8260B

Isobutanol recovered below QC limits indicating bias low results. 2-Butanone recovered below QC limits in the Blank Spike and Duplicate indicating bias low results. Samples in the analytical batch are: 666434-001, -002, -003.

Acrylonitrile RPD was outside laboratory control limits.

Samples in the analytical batch are: 666434-001, -002, -003

Batch: LBA-3131239 PCBs by SW-846 8082A

Surrogate Tetrachloro-m-xylene recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 666434-003.

Batch: LBA-3131569 SVOCs by SW846 8270D Appendix2

Surrogate 2-Fluorophenol recovered below QC limits. Matrix interferences is suspected

Samples affected are: 666434-001.

Surrogate Phenol-d6 recovered below QC limits. Matrix interferences is suspected

Samples affected are: 666434-003,666434-001.

CASE NARRATIVE

Client Name: Advanced Disposal

Project Name: Eagle Point Landfill

Project ID: 058-012D(SL)
Work Order Number(s): 666434

Report Date: 10.14.2020
Date Received: 07.07.2020

Batch: LBA-3136920 EDB Appendix II by EPA 8011

Sample 666434-003 was re-extracted outside of holding time due to suspected false positive reported initially. On the confirmation run sample came out undetected.

Hits Summary 666434

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id : **GWC-12R**
Lab Sample Id : 666434-003

Matrix : Ground Water
Date Collected : 07.06.2020 10:39
Date Received : 07.07.2020 10:34

% Moisture :

Analytical Method : Appendix II Metals by SW-846 6020A
Seq Number : 3131189

Prep Method: SW3010A
Date Prep: 07.09.2020 09:00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Barium	7440-39-3	0.0782	mg/L	07.09.2020 16:05		1
Cobalt	7440-48-4	0.0869	mg/L	07.09.2020 16:05		1

Analytical Method : Appendix II VOCs by SW-846 8260B
Seq Number : 3131123

Prep Method: SW5030B
Date Prep: 07.08.2020 10:37

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	3.15	ug/L	07.08.2020 14:50		1
cis-1,2-Dichloroethene	156-59-2	2.29	ug/L	07.08.2020 14:50		1

Certificate of Analytical Results 666434

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWA-1** Matrix: Ground Water Date Received: 07.07.2020 10:34
 Lab Sample Id: 666434-001 Date Collected: 07.06.2020 16:01

Analytical Method: Total Cyanide by EPA 335.4 Prep Method: E335.4P

Tech: KCS
 Analyst: KCS Date Prep: 07.15.2020 14:00

Seq Number: 3131722

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Cyanide, Total	ND	0.0100	U	mg/L	07.15.2020 16:09	1

Analytical Method: Appendix II Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI
 Analyst: DEP Date Prep: 07.09.2020 09:00

Seq Number: 3131189

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.09.2020 15:59	1
Arsenic	ND	0.0100	U	mg/L	07.09.2020 15:59	1
Barium	ND	0.0200	U	mg/L	07.09.2020 15:59	1
Beryllium	ND	0.00300	U	mg/L	07.09.2020 15:59	1
Cadmium	ND	0.00500	U	mg/L	07.09.2020 15:59	1
Chromium	ND	0.0100	U	mg/L	07.09.2020 15:59	1
Cobalt	ND	0.0400	U	mg/L	07.09.2020 15:59	1
Copper	ND	0.0200	U	mg/L	07.09.2020 15:59	1
Lead	ND	0.0150	U	mg/L	07.09.2020 15:59	1
Nickel	ND	0.0200	U	mg/L	07.09.2020 15:59	1
Selenium	ND	0.0100	U	mg/L	07.09.2020 15:59	1
Silver	ND	0.0100	U	mg/L	07.09.2020 15:59	1
Thallium	ND	0.00200	U	mg/L	07.09.2020 15:59	1
Tin	ND	0.100	U	mg/L	07.09.2020 15:59	1
Vanadium	ND	0.0200	U	mg/L	07.09.2020 15:59	1
Zinc	ND	0.0200	U	mg/L	07.09.2020 15:59	1

Analytical Method: Mercury by SW-846 7470A

Prep Method: SW7470P

Tech: VID
 Analyst: ANJ Date Prep: 07.10.2020 10:10

Seq Number: 3131301

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Mercury	ND	0.000500	U	mg/L	07.10.2020 13:55	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666434

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWA-1** Matrix: Ground Water Date Received: 07.07.2020 10:34
 Lab Sample Id: 666434-001 Date Collected: 07.06.2020 16:01

Analytical Method: Sulfide by SM4500-S-F

Tech: KBU
 Analyst: KBU
 Seq Number: 3131149

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Sulfide, Total	ND	1.00	U	mg/L	07.09.2020 11:04	1

Analytical Method: Appendix II Herbicides by SW-846 8151A

Prep Method: SW8151A_EXT

Tech: MGZ
 Analyst: CEC
 Seq Number: 3131099

Date Prep: 07.08.2020 12:19

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
2,4,5-T	ND	5.00	U	ug/L	07.08.2020 17:02	1
2,4,5-TP (Silvex)	ND	10.0	U	ug/L	07.08.2020 17:02	1
2,4-D	ND	5.00	U	ug/L	07.08.2020 17:02	1
Dinoseb	ND	5.00	U	ug/L	07.08.2020 17:02	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,4-Dichlorophenylacetic Acid	19719-28-9	126	%	41-131	07.08.2020 17:02	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: GWA-1
Lab Sample Id: 666434-001

Matrix: Ground Water
Date Collected: 07.06.2020 16:01

Date Received: 07.07.2020 10:34

Analytical Method: Appendix II Pesticides by SW-846 8081B

Prep Method: SW3510C

Tech: MGZ

Analyst: MCK

Date Prep: 07.08.2020 11:45

% Moisture:
SUB: E871002

Seq Number: 3131113

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
4,4-DDD	ND	0.100	U	ug/L	07.08.2020 17:56	1
4,4-DDE	ND	0.100	U	ug/L	07.08.2020 17:56	1
4,4-DDT	ND	0.100	U	ug/L	07.08.2020 17:56	1
Aldrin	ND	0.100	U	ug/L	07.08.2020 17:56	1
Alpha-BHC	ND	0.100	U	ug/L	07.08.2020 17:56	1
Beta-BHC	ND	0.100	U	ug/L	07.08.2020 17:56	1
Delta-BHC	ND	0.100	U	ug/L	07.08.2020 17:56	1
Dieldrin	ND	0.100	U	ug/L	07.08.2020 17:56	1
Endosulfan I	ND	0.500	U	ug/L	07.08.2020 17:56	1
Endosulfan II	ND	0.500	U	ug/L	07.08.2020 17:56	1
Endosulfan Sulfate	ND	0.500	U	ug/L	07.08.2020 17:56	1
Endrin	ND	0.200	U	ug/L	07.08.2020 17:56	1
Endrin Aldehyde	ND	0.200	U	ug/L	07.08.2020 17:56	1
Gamma-BHC (Lindane)	ND	0.100	U	ug/L	07.08.2020 17:56	1
Heptachlor	ND	0.100	U	ug/L	07.08.2020 17:56	1
Heptachlor Epoxide	ND	0.100	U	ug/L	07.08.2020 17:56	1
Methoxychlor	ND	0.100	U	ug/L	07.08.2020 17:56	1
Chlordane	ND	2.50	U	ug/L	07.08.2020 17:56	1
Toxaphene	ND	2.00	U	ug/L	07.08.2020 17:56	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tetrachloro-m-xylene	877-09-8	36	%	18-126	07.08.2020 17:56	
Decachlorobiphenyl	2051-24-3	48	%	15-136	07.08.2020 17:56	

Analytical Method: EDB Appendix II by EPA 8011

Prep Method: SW8011P

Tech: MCK

Analyst: MCK

Date Prep: 07.08.2020 10:15

% Moisture:
SUB: E871002

Seq Number: 3131156

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1,2-Dibromoethane	ND	0.0490	U	ug/L	07.08.2020 16:43	1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	0.200	U	ug/L	07.08.2020 16:43	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	123	%	60-140	07.08.2020 16:43	

Project: Eagle Point Landfill

Certificate of Analytical Results 666434

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWA-1**
Lab Sample Id: 666434-001

Matrix: Ground Water
Date Collected: 07.06.2020 16:01

Date Received: 07.07.2020 10:34

Analytical Method: PCBs by SW-846 8082A

Prep Method: SW3510C

Tech: CEC

Analyst: CEC

Date Prep: 07.08.2020 11:45

% Moisture:

SUB: E871002

Seq Number: 3131239

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
PCB-1016	ND	0.500	U	ug/L	07.09.2020 11:14	1
PCB-1221	ND	0.500	U	ug/L	07.09.2020 11:14	1
PCB-1232	ND	0.500	U	ug/L	07.09.2020 11:14	1
PCB-1242	ND	0.500	U	ug/L	07.09.2020 11:14	1
PCB-1248	ND	0.500	U	ug/L	07.09.2020 11:14	1
PCB-1254	ND	0.500	U	ug/L	07.09.2020 11:14	1
PCB-1260	ND	0.500	U	ug/L	07.09.2020 11:14	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tetrachloro-m-xylene	877-09-8	37	%	18-116	07.09.2020 11:14	
Decachlorobiphenyl	2051-24-3	63	%	27-123	07.09.2020 11:14	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: GWA-1
Lab Sample Id: 666434-001

Matrix: Ground Water
Date Collected: 07.06.2020 16:01

Date Received: 07.07.2020 10:34

Analytical Method: SVOCs by SW846 8270D Appendix2

Prep Method: SW3510C

Tech: AHI

Analyst: EKL

Date Prep: 07.13.2020 10:30

% Moisture:

SUB: E871002

Seq Number: 3131569

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1,2,4,5-Tetrachlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:31	1
1,2,4-Trichlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:31	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:31	1
1,3-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:31	1
1,3-Dinitrobenzene	ND	10.0	U	ug/L	07.14.2020 16:31	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:31	1
2,3,4,6-Tetrachlorophenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
2,4,5-Trichlorophenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
2,4,6-Trichlorophenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
2,4-Dichlorophenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
2,4-Dimethylphenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
2,4-Dinitrophenol	ND	50.0	U	ug/L	07.14.2020 16:31	1
2,4-Dinitrotoluene	ND	10.0	U	ug/L	07.14.2020 16:31	1
2,6-Dichlorophenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
2,6-Dinitrotoluene	ND	10.0	U	ug/L	07.14.2020 16:31	1
2-Chloronaphthalene	ND	10.0	U	ug/L	07.14.2020 16:31	1
2-Chlorophenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
2-Methylnaphthalene	ND	10.0	U	ug/L	07.14.2020 16:31	1
2-methylphenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
2-Nitroaniline	ND	50.0	U	ug/L	07.14.2020 16:31	1
2-Nitrophenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
3&4-Methylphenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
3,3-Dichlorobenzidine	ND	20.0	U	ug/L	07.14.2020 16:31	1
3-Nitroaniline	ND	50.0	U	ug/L	07.14.2020 16:31	1
4,6-dinitro-2-methyl phenol	ND	50.0	U	ug/L	07.14.2020 16:31	1
4-Bromophenyl-phenylether	ND	10.0	U	ug/L	07.14.2020 16:31	1
4-chloro-3-methylphenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
4-Chloroaniline	ND	20.0	U	ug/L	07.14.2020 16:31	1
4-Chlorophenyl Phenyl Ether	ND	10.0	U	ug/L	07.14.2020 16:31	1
4-Nitroaniline	ND	50.0	U	ug/L	07.14.2020 16:31	1
4-Nitrophenol	ND	50.0	U	ug/L	07.14.2020 16:31	1
Acenaphthene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Acenaphthylene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Acetophenone	ND	10.0	U	ug/L	07.14.2020 16:31	1
Anthracene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Benzo(a)anthracene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Benzo(a)pyrene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Benzo(b)fluoranthene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Benzo(g,h,i)perylene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Benzo(k)fluoranthene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Benzyl Alcohol	ND	20.0	U	ug/L	07.14.2020 16:31	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: GWA-1
Lab Sample Id: 666434-001

Matrix: Ground Water
Date Collected: 07.06.2020 16:01

Date Received: 07.07.2020 10:34

Analytical Method: SVOCs by SW846 8270D Appendix2

Prep Method: SW3510C

Tech: AHI

% Moisture:

Analyst: EKL

Date Prep: 07.13.2020 10:30

SUB: E871002

Parameter: 3131569

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Benzyl Butyl Phthalate	ND	10.0	U	ug/L	07.14.2020 16:31	1
bis(2-chloroethoxy) methane	ND	10.0	U	ug/L	07.14.2020 16:31	1
bis(2-chloroethyl) ether	ND	10.0	U	ug/L	07.14.2020 16:31	1
bis(2-chloroisopropyl) ether	ND	10.0	U	ug/L	07.14.2020 16:31	1
bis(2-ethylhexyl) phthalate	ND	6.00	U	ug/L	07.14.2020 16:31	1
Chrysene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Dibenz(a,h)anthracene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Dibenzofuran	ND	10.0	U	ug/L	07.14.2020 16:31	1
Diethyl Phthalate	ND	10.0	U	ug/L	07.14.2020 16:31	1
Dimethyl Phthalate	ND	10.0	U	ug/L	07.14.2020 16:31	1
di-n-Butyl Phthalate	ND	10.0	U	ug/L	07.14.2020 16:31	1
di-n-Octyl Phthalate	ND	10.0	U	ug/L	07.14.2020 16:31	1
Diphenylamine	ND	10.0	U	ug/L	07.14.2020 16:31	1
Ethyl Methanesulfonate	ND	20.0	U	ug/L	07.14.2020 16:31	1
Fluoranthene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Fluorene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Hexachlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Hexachlorobutadiene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Hexachlorocyclopentadiene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Hexachloroethane	ND	10.0	U	ug/L	07.14.2020 16:31	1
Hexachloropropene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Indeno(1,2,3-cd)pyrene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Isophorone	ND	10.0	U	ug/L	07.14.2020 16:31	1
Methyl Methanesulfonate	ND	10.0	U	ug/L	07.14.2020 16:31	1
Naphthalene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Nitrobenzene	ND	10.0	U	ug/L	07.14.2020 16:31	1
N-Nitrosodiethylamine	ND	20.0	U	ug/L	07.14.2020 16:31	1
N-Nitrosodimethylamine	ND	10.0	U	ug/L	07.14.2020 16:31	1
N-Nitroso-di-n-Butylamine	ND	10.0	U	ug/L	07.14.2020 16:31	1
N-Nitrosodi-n-Propylamine	ND	10.0	U	ug/L	07.14.2020 16:31	1
N-Nitrosodiphenylamine	ND	10.0	U	ug/L	07.14.2020 16:31	1
N-Nitrosomethylethylamine	ND	10.0	U	ug/L	07.14.2020 16:31	1
N-Nitrosopiperidine	ND	20.0	U	ug/L	07.14.2020 16:31	1
N-Nitrosopyrrolidine	ND	40.0	U	ug/L	07.14.2020 16:31	1
p-Dimethylaminoazobenzene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Pentachlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Pentachlorophenol	ND	50.0	U	ug/L	07.14.2020 16:31	1
Phenanthrene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Phenol	ND	10.0	U	ug/L	07.14.2020 16:31	1
Pyrene	ND	10.0	U	ug/L	07.14.2020 16:31	1
1,3,5-Trinitrobenzene	ND	10.0	U	ug/L	07.14.2020 16:31	1
1,4-Naphthoquinone	ND	10.0	U	ug/L	07.14.2020 16:31	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: GWA-1
Lab Sample Id: 666434-001

Matrix: Ground Water
Date Collected: 07.06.2020 16:01

Date Received: 07.07.2020 10:34

Analytical Method: SVOCs by SW846 8270D Appendix2

Prep Method: SW3510C

Tech: AHI

% Moisture:

Analyst: EKL

Date Prep: 07.13.2020 10:30

SUB: E871002

Parameter: 3131569

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1-Naphthylamine	ND	10.0	U	ug/L	07.14.2020 16:31	1
2-Acetylaminofluorene	ND	20.0	U	ug/L	07.14.2020 16:31	1
2-Naphthylamine	ND	10.0	U	ug/L	07.14.2020 16:31	1
3,3'-Dimethylbenzidine	ND	80.0	U	ug/L	07.14.2020 16:31	1
3-Methylcholanthrene	ND	10.0	U	ug/L	07.14.2020 16:31	1
4-Aminobiphenyl (4-Biphenylamine)	ND	20.0	U	ug/L	07.14.2020 16:31	1
5-nitro-o-toluidine	ND	10.0	U	ug/L	07.14.2020 16:31	1
7,12-dimethylbenz(a)anthracene	ND	10.0	U	ug/L	07.14.2020 16:31	1
Chlorobenzilate	ND	10.0	U	ug/L	07.14.2020 16:31	1
Diallate (trans or cis Isomers)	ND	10.0	U	ug/L	07.14.2020 16:31	1
Dimethoate	ND	10.0	U	ug/L	07.14.2020 16:31	1
Disulfoton	ND	10.0	U	ug/L	07.14.2020 16:31	1
Famphur	ND	20.0	U	ug/L	07.14.2020 16:31	1
Isodrin	ND	20.0	U	ug/L	07.14.2020 16:31	1
Isosafrole	ND	10.0	U	ug/L	07.14.2020 16:31	1
Kepone	ND	50.0	U	ug/L	07.14.2020 16:31	1
Methapyrilene	ND	50.0	U	ug/L	07.14.2020 16:31	1
Methyl parathion	ND	10.0	U	ug/L	07.14.2020 16:31	1
O,O,O-Triethyl Phosphorothioate	ND	10.0	U	ug/L	07.14.2020 16:31	1
Parathion, Ethyl	ND	20.0	U	ug/L	07.14.2020 16:31	1
Pentachloronitrobenzene	ND	20.0	U	ug/L	07.14.2020 16:31	1
Phenacetin	ND	20.0	U	ug/L	07.14.2020 16:31	1
Phorate	ND	10.0	U	ug/L	07.14.2020 16:31	1
Pronamide	ND	10.0	U	ug/L	07.14.2020 16:31	1
Safrole	ND	10.0	U	ug/L	07.14.2020 16:31	1
Zinophos	ND	20.0	U	ug/L	07.14.2020 16:31	1
o-Toluidine	ND	10.0	U	ug/L	07.14.2020 16:31	1
p-Phenylenediamine	ND	100	U	ug/L	07.14.2020 16:31	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	17	%	28-114	07.14.2020 16:31	**
Phenol-d6	13127-88-3	11	%	23-117	07.14.2020 16:31	**
Nitrobenzene-d5	4165-60-0	37	%	26-110	07.14.2020 16:31	
2-Fluorobiphenyl	321-60-8	40	%	29-112	07.14.2020 16:31	
2,4,6-Tribromophenol	118-79-6	54	%	31-132	07.14.2020 16:31	
Terphenyl-D14	1718-51-0	66	%	20-141	07.14.2020 16:31	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: **GWA-1**
Lab Sample Id: 666434-001

Matrix: Ground Water
Date Collected: 07.06.2020 16:01

Date Received: 07.07.2020 10:34

Analytical Method: Appendix II VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: JNL

Analyst: JNL

Date Prep: 07.08.2020 10:37

% Moisture:
SUB: E87429

Seq Number: 3131123

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.08.2020 14:14	1
Acrolein	ND	50.0	U	ug/L	07.08.2020 14:14	1
Acrylonitrile	ND	50.0	UF	ug/L	07.08.2020 14:14	1
Benzene	ND	2.00	U	ug/L	07.08.2020 14:14	1
Bromochloromethane	ND	10.0	U	ug/L	07.08.2020 14:14	1
Bromodichloromethane	ND	10.0	U	ug/L	07.08.2020 14:14	1
Bromoform	ND	10.0	U	ug/L	07.08.2020 14:14	1
Bromomethane	ND	10.0	U	ug/L	07.08.2020 14:14	1
2-Butanone	ND	100	UL	ug/L	07.08.2020 14:14	1
Carbon Disulfide	ND	5.00	U	ug/L	07.08.2020 14:14	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.08.2020 14:14	1
Chlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:14	1
Chloroethane	ND	2.00	U	ug/L	07.08.2020 14:14	1
Chloroform	ND	2.00	U	ug/L	07.08.2020 14:14	1
Chloromethane	ND	10.0	U	ug/L	07.08.2020 14:14	1
Dibromochloromethane	ND	10.0	U	ug/L	07.08.2020 14:14	1
Dibromomethane	ND	10.0	U	ug/L	07.08.2020 14:14	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:14	1
1,3-Dichlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:14	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:14	1
trans-1,4-dichloro-2-butene	ND	100	U	ug/L	07.08.2020 14:14	1
Dichlorodifluoromethane	ND	10.0	U	ug/L	07.08.2020 14:14	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.08.2020 14:14	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.08.2020 14:14	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.08.2020 14:14	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.08.2020 14:14	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.08.2020 14:14	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.08.2020 14:14	1
1,3-Dichloropropane	ND	2.00	U	ug/L	07.08.2020 14:14	1
2,2-Dichloropropane	ND	2.00	U	ug/L	07.08.2020 14:14	1
1,1-Dichloropropene	ND	2.00	U	ug/L	07.08.2020 14:14	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.08.2020 14:14	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.08.2020 14:14	1
Ethylbenzene	ND	2.00	U	ug/L	07.08.2020 14:14	1
Ethyl Methacrylate	ND	10.0	U	ug/L	07.08.2020 14:14	1
2-Hexanone	ND	50.0	U	ug/L	07.08.2020 14:14	1
Methylene Chloride	ND	5.00	U	ug/L	07.08.2020 14:14	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.08.2020 14:14	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.08.2020 14:14	1
Styrene	ND	10.0	U	ug/L	07.08.2020 14:14	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.08.2020 14:14	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666434

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWA-1**
Lab Sample Id: 666434-001

Matrix: Ground Water
Date Collected: 07.06.2020 16:01

Date Received: 07.07.2020 10:34

Analytical Method: Appendix II VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: JNL

% Moisture:

Analyst: JNL

Date Prep: 07.08.2020 10:37

SUB: E87429

Parameter: 3131123

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.08.2020 14:14	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.08.2020 14:14	1
Toluene	ND	2.00	U	ug/L	07.08.2020 14:14	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.08.2020 14:14	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.08.2020 14:14	1
Trichloroethene	ND	2.00	U	ug/L	07.08.2020 14:14	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.08.2020 14:14	1
1,2,3-Trichloropropane	ND	2.00	U	ug/L	07.08.2020 14:14	1
Vinyl Acetate	ND	100	U	ug/L	07.08.2020 14:14	1
Vinyl Chloride	ND	2.00	U	ug/L	07.08.2020 14:14	1
Acetonitrile	ND	50.0	U	ug/L	07.08.2020 14:14	1
Allyl Chloride (3-Chloropropene)	ND	5.00	U	ug/L	07.08.2020 14:14	1
Chloroprene	ND	10.0	U	ug/L	07.08.2020 14:14	1
Isobutanol	ND	100	U*L	ug/L	07.08.2020 14:14	1
Methyl Methacrylate	ND	10.0	U	ug/L	07.08.2020 14:14	1
Methylacrylonitrile	ND	100	U	ug/L	07.08.2020 14:14	1
Propane Nitrile (Propionitrile)	ND	100	U	ug/L	07.08.2020 14:14	1
Total Xylenes	ND	5.00	U	ug/L	07.08.2020 14:14	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	113	%	53-159	07.08.2020 14:14	
Toluene-D8	2037-26-5	90	%	70-130	07.08.2020 14:14	
4-Bromofluorobenzene	460-00-4	107	%	30-180	07.08.2020 14:14	

Project: Eagle Point Landfill

Certificate of Analytical Results 666434

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWA-2** Matrix: Ground Water Date Received: 07.07.2020 10:34
 Lab Sample Id: 666434-002 Date Collected: 07.06.2020 12:07

Analytical Method: Total Cyanide by EPA 335.4 Prep Method: E335.4P

Tech: KCS
 Analyst: KCS Date Prep: 07.15.2020 14:00

Seq Number: 3131722

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Cyanide, Total	ND	0.0100	U	mg/L	07.15.2020 16:13	1

Analytical Method: Appendix II Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI
 Analyst: DEP Date Prep: 07.09.2020 09:00

Seq Number: 3131189

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.09.2020 16:02	1
Arsenic	ND	0.0100	U	mg/L	07.09.2020 16:02	1
Barium	ND	0.0200	U	mg/L	07.09.2020 16:02	1
Beryllium	ND	0.00300	U	mg/L	07.09.2020 16:02	1
Cadmium	ND	0.00500	U	mg/L	07.09.2020 16:02	1
Chromium	ND	0.0100	U	mg/L	07.09.2020 16:02	1
Cobalt	ND	0.0400	U	mg/L	07.09.2020 16:02	1
Copper	ND	0.0200	U	mg/L	07.09.2020 16:02	1
Lead	ND	0.0150	U	mg/L	07.09.2020 16:02	1
Nickel	ND	0.0200	U	mg/L	07.09.2020 16:02	1
Selenium	ND	0.0100	U	mg/L	07.09.2020 16:02	1
Silver	ND	0.0100	U	mg/L	07.09.2020 16:02	1
Thallium	ND	0.00200	U	mg/L	07.09.2020 16:02	1
Tin	ND	0.100	U	mg/L	07.09.2020 16:02	1
Vanadium	ND	0.0200	U	mg/L	07.09.2020 16:02	1
Zinc	ND	0.0200	U	mg/L	07.09.2020 16:02	1

Analytical Method: Mercury by SW-846 7470A

Prep Method: SW7470P

Tech: VID
 Analyst: ANJ Date Prep: 07.10.2020 10:10

Seq Number: 3131301

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Mercury	ND	0.000500	U	mg/L	07.10.2020 14:04	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666434

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWA-2** Matrix: Ground Water Date Received: 07.07.2020 10:34
 Lab Sample Id: 666434-002 Date Collected: 07.06.2020 12:07

Analytical Method: Sulfide by SM4500-S-F

Tech: KBU
 Analyst: KBU
 Seq Number: 3131149

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Sulfide, Total	ND	1.00	U	mg/L	07.09.2020 11:04	1

Analytical Method: Appendix II Herbicides by SW-846 8151A

Prep Method: SW8151A_EXT

Tech: MGZ
 Analyst: CEC
 Seq Number: 3131099

Date Prep: 07.08.2020 12:22

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
2,4,5-T	ND	5.00	U	ug/L	07.08.2020 17:20	1
2,4,5-TP (Silvex)	ND	10.0	U	ug/L	07.08.2020 17:20	1
2,4-D	ND	5.00	U	ug/L	07.08.2020 17:20	1
Dinoseb	ND	5.00	U	ug/L	07.08.2020 17:20	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,4-Dichlorophenylacetic Acid	19719-28-9	103	%	41-131	07.08.2020 17:20	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: **GWA-2** Matrix: Ground Water Date Received: 07.07.2020 10:34
Lab Sample Id: 666434-002 Date Collected: 07.06.2020 12:07

Analytical Method: Appendix II Pesticides by SW-846 8081B Prep Method: SW3510C

Tech: MGZ Date Prep: 07.08.2020 11:48 % Moisture:
Analyst: MCK **SUB: E871002**

Seq Number: 3131113

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
4,4-DDD	ND	0.100	U	ug/L	07.08.2020 18:24	1
4,4-DDE	ND	0.100	U	ug/L	07.08.2020 18:24	1
4,4-DDT	ND	0.100	U	ug/L	07.08.2020 18:24	1
Aldrin	ND	0.100	U	ug/L	07.08.2020 18:24	1
Alpha-BHC	ND	0.100	U	ug/L	07.08.2020 18:24	1
Beta-BHC	ND	0.100	U	ug/L	07.08.2020 18:24	1
Delta-BHC	ND	0.100	U	ug/L	07.08.2020 18:24	1
Dieldrin	ND	0.100	U	ug/L	07.08.2020 18:24	1
Endosulfan I	ND	0.500	U	ug/L	07.08.2020 18:24	1
Endosulfan II	ND	0.500	U	ug/L	07.08.2020 18:24	1
Endosulfan Sulfate	ND	0.500	U	ug/L	07.08.2020 18:24	1
Endrin	ND	0.200	U	ug/L	07.08.2020 18:24	1
Endrin Aldehyde	ND	0.200	U	ug/L	07.08.2020 18:24	1
Gamma-BHC (Lindane)	ND	0.100	U	ug/L	07.08.2020 18:24	1
Heptachlor	ND	0.100	U	ug/L	07.08.2020 18:24	1
Heptachlor Epoxide	ND	0.100	U	ug/L	07.08.2020 18:24	1
Methoxychlor	ND	0.100	U	ug/L	07.08.2020 18:24	1
Chlordane	ND	2.50	U	ug/L	07.08.2020 18:24	1
Toxaphene	ND	2.00	U	ug/L	07.08.2020 18:24	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tetrachloro-m-xylene	877-09-8	54	%	18-126	07.08.2020 18:24	
Decachlorobiphenyl	2051-24-3	61	%	15-136	07.08.2020 18:24	

Analytical Method: EDB Appendix II by EPA 8011 Prep Method: SW8011P

Tech: MCK Date Prep: 07.08.2020 10:18 % Moisture:
Analyst: MCK **SUB: E871002**

Seq Number: 3131156

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1,2-Dibromoethane	ND	0.0490	U	ug/L	07.08.2020 16:57	1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	0.200	U	ug/L	07.08.2020 16:57	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	129	%	60-140	07.08.2020 16:57	

Project: Eagle Point Landfill

Certificate of Analytical Results 666434

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWA-2**
Lab Sample Id: 666434-002

Matrix: Ground Water
Date Collected: 07.06.2020 12:07

Date Received: 07.07.2020 10:34

Analytical Method: PCBs by SW-846 8082A

Prep Method: SW3510C

Tech: CEC

Analyst: CEC

Date Prep: 07.08.2020 11:48

% Moisture:

SUB: E871002

Seq Number: 3131239

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
PCB-1016	ND	0.500	U	ug/L	07.09.2020 11:25	1
PCB-1221	ND	0.500	U	ug/L	07.09.2020 11:25	1
PCB-1232	ND	0.500	U	ug/L	07.09.2020 11:25	1
PCB-1242	ND	0.500	U	ug/L	07.09.2020 11:25	1
PCB-1248	ND	0.500	U	ug/L	07.09.2020 11:25	1
PCB-1254	ND	0.500	U	ug/L	07.09.2020 11:25	1
PCB-1260	ND	0.500	U	ug/L	07.09.2020 11:25	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tetrachloro-m-xylene	877-09-8	65	%	18-116	07.09.2020 11:25	
Decachlorobiphenyl	2051-24-3	76	%	27-123	07.09.2020 11:25	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: GWA-2
Lab Sample Id: 666434-002

Matrix: Ground Water
Date Collected: 07.06.2020 12:07

Date Received: 07.07.2020 10:34

Analytical Method: SVOCs by SW846 8270D Appendix2

Prep Method: SW3510C

Tech: AHI

Analyst: EKL

Date Prep: 07.13.2020 10:33

% Moisture:
SUB: E871002

Seq Number: 3131569

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1,2,4,5-Tetrachlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:52	1
1,2,4-Trichlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:52	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:52	1
1,3-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:52	1
1,3-Dinitrobenzene	ND	10.0	U	ug/L	07.14.2020 16:52	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:52	1
2,3,4,6-Tetrachlorophenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
2,4,5-Trichlorophenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
2,4,6-Trichlorophenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
2,4-Dichlorophenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
2,4-Dimethylphenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
2,4-Dinitrophenol	ND	50.0	U	ug/L	07.14.2020 16:52	1
2,4-Dinitrotoluene	ND	10.0	U	ug/L	07.14.2020 16:52	1
2,6-Dichlorophenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
2,6-Dinitrotoluene	ND	10.0	U	ug/L	07.14.2020 16:52	1
2-Chloronaphthalene	ND	10.0	U	ug/L	07.14.2020 16:52	1
2-Chlorophenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
2-Methylnaphthalene	ND	10.0	U	ug/L	07.14.2020 16:52	1
2-methylphenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
2-Nitroaniline	ND	50.0	U	ug/L	07.14.2020 16:52	1
2-Nitrophenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
3&4-Methylphenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
3,3-Dichlorobenzidine	ND	20.0	U	ug/L	07.14.2020 16:52	1
3-Nitroaniline	ND	50.0	U	ug/L	07.14.2020 16:52	1
4,6-dinitro-2-methyl phenol	ND	50.0	U	ug/L	07.14.2020 16:52	1
4-Bromophenyl-phenylether	ND	10.0	U	ug/L	07.14.2020 16:52	1
4-chloro-3-methylphenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
4-Chloroaniline	ND	20.0	U	ug/L	07.14.2020 16:52	1
4-Chlorophenyl Phenyl Ether	ND	10.0	U	ug/L	07.14.2020 16:52	1
4-Nitroaniline	ND	50.0	U	ug/L	07.14.2020 16:52	1
4-Nitrophenol	ND	50.0	U	ug/L	07.14.2020 16:52	1
Acenaphthene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Acenaphthylene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Acetophenone	ND	10.0	U	ug/L	07.14.2020 16:52	1
Anthracene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Benzo(a)anthracene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Benzo(a)pyrene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Benzo(b)fluoranthene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Benzo(g,h,i)perylene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Benzo(k)fluoranthene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Benzyl Alcohol	ND	20.0	U	ug/L	07.14.2020 16:52	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: GWA-2
Lab Sample Id: 666434-002

Matrix: Ground Water
Date Collected: 07.06.2020 12:07

Date Received: 07.07.2020 10:34

Analytical Method: SVOCs by SW846 8270D Appendix2

Prep Method: SW3510C

Tech: AHI

% Moisture:

Analyst: EKL

Date Prep: 07.13.2020 10:33

SUB: E871002

Parameter: 3131569

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Benzyl Butyl Phthalate	ND	10.0	U	ug/L	07.14.2020 16:52	1
bis(2-chloroethoxy) methane	ND	10.0	U	ug/L	07.14.2020 16:52	1
bis(2-chloroethyl) ether	ND	10.0	U	ug/L	07.14.2020 16:52	1
bis(2-chloroisopropyl) ether	ND	10.0	U	ug/L	07.14.2020 16:52	1
bis(2-ethylhexyl) phthalate	ND	6.00	U	ug/L	07.14.2020 16:52	1
Chrysene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Dibenz(a,h)anthracene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Dibenzofuran	ND	10.0	U	ug/L	07.14.2020 16:52	1
Diethyl Phthalate	ND	10.0	U	ug/L	07.14.2020 16:52	1
Dimethyl Phthalate	ND	10.0	U	ug/L	07.14.2020 16:52	1
di-n-Butyl Phthalate	ND	10.0	U	ug/L	07.14.2020 16:52	1
di-n-Octyl Phthalate	ND	10.0	U	ug/L	07.14.2020 16:52	1
Diphenylamine	ND	10.0	U	ug/L	07.14.2020 16:52	1
Ethyl Methanesulfonate	ND	20.0	U	ug/L	07.14.2020 16:52	1
Fluoranthene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Fluorene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Hexachlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Hexachlorobutadiene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Hexachlorocyclopentadiene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Hexachloroethane	ND	10.0	U	ug/L	07.14.2020 16:52	1
Hexachloropropene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Indeno(1,2,3-cd)pyrene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Isophorone	ND	10.0	U	ug/L	07.14.2020 16:52	1
Methyl Methanesulfonate	ND	10.0	U	ug/L	07.14.2020 16:52	1
Naphthalene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Nitrobenzene	ND	10.0	U	ug/L	07.14.2020 16:52	1
N-Nitrosodiethylamine	ND	20.0	U	ug/L	07.14.2020 16:52	1
N-Nitrosodimethylamine	ND	10.0	U	ug/L	07.14.2020 16:52	1
N-Nitroso-di-n-Butylamine	ND	10.0	U	ug/L	07.14.2020 16:52	1
N-Nitrosodi-n-Propylamine	ND	10.0	U	ug/L	07.14.2020 16:52	1
N-Nitrosodiphenylamine	ND	10.0	U	ug/L	07.14.2020 16:52	1
N-Nitrosomethylethylamine	ND	10.0	U	ug/L	07.14.2020 16:52	1
N-Nitrosopiperdine	ND	20.0	U	ug/L	07.14.2020 16:52	1
N-Nitrosopyrrolidine	ND	40.0	U	ug/L	07.14.2020 16:52	1
p-Dimethylaminoazobenzene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Pentachlorobenzene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Pentachlorophenol	ND	50.0	U	ug/L	07.14.2020 16:52	1
Phenanthrene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Phenol	ND	10.0	U	ug/L	07.14.2020 16:52	1
Pyrene	ND	10.0	U	ug/L	07.14.2020 16:52	1
1,3,5-Trinitrobenzene	ND	10.0	U	ug/L	07.14.2020 16:52	1
1,4-Naphthoquinone	ND	10.0	U	ug/L	07.14.2020 16:52	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: GWA-2
Lab Sample Id: 666434-002

Matrix: Ground Water
Date Collected: 07.06.2020 12:07

Date Received: 07.07.2020 10:34

Analytical Method: SVOCs by SW846 8270D Appendix2

Prep Method: SW3510C

Tech: AHI

% Moisture:

Analyst: EKL

Date Prep: 07.13.2020 10:33

SUB: E871002

Parameter: 3131569

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1-Naphthylamine	ND	10.0	U	ug/L	07.14.2020 16:52	1
2-Acetylaminofluorene	ND	20.0	U	ug/L	07.14.2020 16:52	1
2-Naphthylamine	ND	10.0	U	ug/L	07.14.2020 16:52	1
3,3'-Dimethylbenzidine	ND	80.0	U	ug/L	07.14.2020 16:52	1
3-Methylcholanthrene	ND	10.0	U	ug/L	07.14.2020 16:52	1
4-Aminobiphenyl (4-Biphenylamine)	ND	20.0	U	ug/L	07.14.2020 16:52	1
5-nitro-o-toluidine	ND	10.0	U	ug/L	07.14.2020 16:52	1
7,12-dimethylbenz(a)anthracene	ND	10.0	U	ug/L	07.14.2020 16:52	1
Chlorobenzilate	ND	10.0	U	ug/L	07.14.2020 16:52	1
Diallate (trans or cis Isomers)	ND	10.0	U	ug/L	07.14.2020 16:52	1
Dimethoate	ND	10.0	U	ug/L	07.14.2020 16:52	1
Disulfoton	ND	10.0	U	ug/L	07.14.2020 16:52	1
Famphur	ND	20.0	U	ug/L	07.14.2020 16:52	1
Isodrin	ND	20.0	U	ug/L	07.14.2020 16:52	1
Isosafrole	ND	10.0	U	ug/L	07.14.2020 16:52	1
Kepone	ND	50.0	U	ug/L	07.14.2020 16:52	1
Methapyrilene	ND	50.0	U	ug/L	07.14.2020 16:52	1
Methyl parathion	ND	10.0	U	ug/L	07.14.2020 16:52	1
O,O,O-Triethyl Phosphorothioate	ND	10.0	U	ug/L	07.14.2020 16:52	1
Parathion, Ethyl	ND	20.0	U	ug/L	07.14.2020 16:52	1
Pentachloronitrobenzene	ND	20.0	U	ug/L	07.14.2020 16:52	1
Phenacetin	ND	20.0	U	ug/L	07.14.2020 16:52	1
Phorate	ND	10.0	U	ug/L	07.14.2020 16:52	1
Pronamide	ND	10.0	U	ug/L	07.14.2020 16:52	1
Safrole	ND	10.0	U	ug/L	07.14.2020 16:52	1
Zinophos	ND	20.0	U	ug/L	07.14.2020 16:52	1
o-Toluidine	ND	10.0	U	ug/L	07.14.2020 16:52	1
p-Phenylenediamine	ND	100	U	ug/L	07.14.2020 16:52	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	38	%	28-114	07.14.2020 16:52	
Phenol-d6	13127-88-3	25	%	23-117	07.14.2020 16:52	
Nitrobenzene-d5	4165-60-0	86	%	26-110	07.14.2020 16:52	
2-Fluorobiphenyl	321-60-8	83	%	29-112	07.14.2020 16:52	
2,4,6-Tribromophenol	118-79-6	97	%	31-132	07.14.2020 16:52	
Terphenyl-D14	1718-51-0	87	%	20-141	07.14.2020 16:52	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: **GWA-2**
Lab Sample Id: 666434-002

Matrix: Ground Water
Date Collected: 07.06.2020 12:07

Date Received: 07.07.2020 10:34

Analytical Method: Appendix II VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: JNL

Analyst: JNL

Date Prep: 07.08.2020 10:37

% Moisture:
SUB: E87429

Seq Number: 3131123

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.08.2020 14:32	1
Acrolein	ND	50.0	U	ug/L	07.08.2020 14:32	1
Acrylonitrile	ND	50.0	UF	ug/L	07.08.2020 14:32	1
Benzene	ND	2.00	U	ug/L	07.08.2020 14:32	1
Bromochloromethane	ND	10.0	U	ug/L	07.08.2020 14:32	1
Bromodichloromethane	ND	10.0	U	ug/L	07.08.2020 14:32	1
Bromoform	ND	10.0	U	ug/L	07.08.2020 14:32	1
Bromomethane	ND	10.0	U	ug/L	07.08.2020 14:32	1
2-Butanone	ND	100	UL	ug/L	07.08.2020 14:32	1
Carbon Disulfide	ND	5.00	U	ug/L	07.08.2020 14:32	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.08.2020 14:32	1
Chlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:32	1
Chloroethane	ND	2.00	U	ug/L	07.08.2020 14:32	1
Chloroform	ND	2.00	U	ug/L	07.08.2020 14:32	1
Chloromethane	ND	10.0	U	ug/L	07.08.2020 14:32	1
Dibromochloromethane	ND	10.0	U	ug/L	07.08.2020 14:32	1
Dibromomethane	ND	10.0	U	ug/L	07.08.2020 14:32	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:32	1
1,3-Dichlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:32	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:32	1
trans-1,4-dichloro-2-butene	ND	100	U	ug/L	07.08.2020 14:32	1
Dichlorodifluoromethane	ND	10.0	U	ug/L	07.08.2020 14:32	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.08.2020 14:32	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.08.2020 14:32	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.08.2020 14:32	1
cis-1,2-Dichloroethene	ND	2.00	U	ug/L	07.08.2020 14:32	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.08.2020 14:32	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.08.2020 14:32	1
1,3-Dichloropropane	ND	2.00	U	ug/L	07.08.2020 14:32	1
2,2-Dichloropropane	ND	2.00	U	ug/L	07.08.2020 14:32	1
1,1-Dichloropropene	ND	2.00	U	ug/L	07.08.2020 14:32	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.08.2020 14:32	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.08.2020 14:32	1
Ethylbenzene	ND	2.00	U	ug/L	07.08.2020 14:32	1
Ethyl Methacrylate	ND	10.0	U	ug/L	07.08.2020 14:32	1
2-Hexanone	ND	50.0	U	ug/L	07.08.2020 14:32	1
Methylene Chloride	ND	5.00	U	ug/L	07.08.2020 14:32	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.08.2020 14:32	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.08.2020 14:32	1
Styrene	ND	10.0	U	ug/L	07.08.2020 14:32	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.08.2020 14:32	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: **GWA-2**
Lab Sample Id: 666434-002

Matrix: Ground Water
Date Collected: 07.06.2020 12:07

Date Received: 07.07.2020 10:34

Analytical Method: Appendix II VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: JNL

% Moisture:

Analyst: JNL

Date Prep: 07.08.2020 10:37

SUB: E87429

Parameter: 3131123

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.08.2020 14:32	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.08.2020 14:32	1
Toluene	ND	2.00	U	ug/L	07.08.2020 14:32	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.08.2020 14:32	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.08.2020 14:32	1
Trichloroethene	ND	2.00	U	ug/L	07.08.2020 14:32	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.08.2020 14:32	1
1,2,3-Trichloropropane	ND	2.00	U	ug/L	07.08.2020 14:32	1
Vinyl Acetate	ND	100	U	ug/L	07.08.2020 14:32	1
Vinyl Chloride	ND	2.00	U	ug/L	07.08.2020 14:32	1
Acetonitrile	ND	50.0	U	ug/L	07.08.2020 14:32	1
Allyl Chloride (3-Chloropropene)	ND	5.00	U	ug/L	07.08.2020 14:32	1
Chloroprene	ND	10.0	U	ug/L	07.08.2020 14:32	1
Isobutanol	ND	100	U*L	ug/L	07.08.2020 14:32	1
Methyl Methacrylate	ND	10.0	U	ug/L	07.08.2020 14:32	1
Methylacrylonitrile	ND	100	U	ug/L	07.08.2020 14:32	1
Propane Nitrile (Propionitrile)	ND	100	U	ug/L	07.08.2020 14:32	1
Total Xylenes	ND	5.00	U	ug/L	07.08.2020 14:32	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	98	%	53-159	07.08.2020 14:32	
Toluene-D8	2037-26-5	99	%	70-130	07.08.2020 14:32	
4-Bromofluorobenzene	460-00-4	101	%	30-180	07.08.2020 14:32	

Project: Eagle Point Landfill

Certificate of Analytical Results 666434

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-12R**
Lab Sample Id: 666434-003

Matrix: Ground Water
Date Collected: 07.06.2020 10:39

Date Received: 07.07.2020 10:34

Analytical Method: Total Cyanide by EPA 335.4

Prep Method: E335.4P

Tech: KCS

Analyst: KCS

Date Prep: 07.15.2020 14:00

% Moisture:

SUB: E871002

Seq Number: 3131722

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Cyanide, Total	ND	0.0100	U	mg/L	07.15.2020 16:14	1

Analytical Method: Appendix II Metals by SW-846 6020A

Prep Method: SW3010A

Tech: MLI

Analyst: DEP

Date Prep: 07.09.2020 09:00

% Moisture:

SUB: E871002

Seq Number: 3131189

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Antimony	ND	0.00600	U	mg/L	07.09.2020 16:05	1
Arsenic	ND	0.0100	U	mg/L	07.09.2020 16:05	1
Barium	0.0782	0.0200		mg/L	07.09.2020 16:05	1
Beryllium	ND	0.00300	U	mg/L	07.09.2020 16:05	1
Cadmium	ND	0.00500	U	mg/L	07.09.2020 16:05	1
Chromium	ND	0.0100	U	mg/L	07.09.2020 16:05	1
Cobalt	0.0869	0.0400		mg/L	07.09.2020 16:05	1
Copper	ND	0.0200	U	mg/L	07.09.2020 16:05	1
Lead	ND	0.0150	U	mg/L	07.09.2020 16:05	1
Nickel	ND	0.0200	U	mg/L	07.09.2020 16:05	1
Selenium	ND	0.0100	U	mg/L	07.09.2020 16:05	1
Silver	ND	0.0100	U	mg/L	07.09.2020 16:05	1
Thallium	ND	0.00200	U	mg/L	07.09.2020 16:05	1
Tin	ND	0.100	U	mg/L	07.09.2020 16:05	1
Vanadium	ND	0.0200	U	mg/L	07.09.2020 16:05	1
Zinc	ND	0.0200	U	mg/L	07.09.2020 16:05	1

Analytical Method: Mercury by SW-846 7470A

Prep Method: SW7470P

Tech: VID

Analyst: ANJ

Date Prep: 07.10.2020 10:10

% Moisture:

SUB: E871002

Seq Number: 3131301

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Mercury	ND	0.000500	U	mg/L	07.10.2020 14:10	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666434

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-12R**
Lab Sample Id: 666434-003

Matrix: Ground Water
Date Collected: 07.06.2020 10:39

Date Received: 07.07.2020 10:34

Analytical Method: Sulfide by SM4500-S-F

Tech: KBU

Analyst: KBU

Seq Number: 3131149

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Sulfide, Total	ND	1.00	U	mg/L	07.09.2020 11:04	1

Analytical Method: Appendix II Herbicides by SW-846 8151A

Tech: MGZ

Analyst: CEC

Seq Number: 3131099

Date Prep: 07.08.2020 12:25

Prep Method: SW8151A_EXT

% Moisture:
SUB: E871002

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
2,4,5-T	ND	5.00	U	ug/L	07.08.2020 17:38	1
2,4,5-TP (Silvex)	ND	10.0	U	ug/L	07.08.2020 17:38	1
2,4-D	ND	5.00	U	ug/L	07.08.2020 17:38	1
Dinoseb	ND	5.00	U	ug/L	07.08.2020 17:38	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,4-Dichlorophenylacetic Acid	19719-28-9	185	%	41-131	07.08.2020 17:38	**

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: GWC-12R
Lab Sample Id: 666434-003

Matrix: Ground Water
Date Collected: 07.06.2020 10:39

Date Received: 07.07.2020 10:34

Analytical Method: Appendix II Pesticides by SW-846 8081B

Prep Method: SW3510C

Tech: MGZ

Analyst: MCK

Date Prep: 07.08.2020 11:51

% Moisture:
SUB: E871002

Seq Number: 3131113

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
4,4-DDD	ND	0.100	U	ug/L	07.08.2020 18:38	1
4,4-DDE	ND	0.100	U	ug/L	07.08.2020 18:38	1
4,4-DDT	ND	0.100	U	ug/L	07.08.2020 18:38	1
Aldrin	ND	0.100	U	ug/L	07.08.2020 18:38	1
Alpha-BHC	ND	0.100	U	ug/L	07.08.2020 18:38	1
Beta-BHC	ND	0.100	U	ug/L	07.08.2020 18:38	1
Delta-BHC	ND	0.100	U	ug/L	07.08.2020 18:38	1
Dieldrin	ND	0.100	U	ug/L	07.08.2020 18:38	1
Endosulfan I	ND	0.500	U	ug/L	07.08.2020 18:38	1
Endosulfan II	ND	0.500	U	ug/L	07.08.2020 18:38	1
Endosulfan Sulfate	ND	0.500	U	ug/L	07.08.2020 18:38	1
Endrin	ND	0.200	U	ug/L	07.08.2020 18:38	1
Endrin Aldehyde	ND	0.200	U	ug/L	07.08.2020 18:38	1
Gamma-BHC (Lindane)	ND	0.100	U	ug/L	07.08.2020 18:38	1
Heptachlor	ND	0.100	U	ug/L	07.08.2020 18:38	1
Heptachlor Epoxide	ND	0.100	U	ug/L	07.08.2020 18:38	1
Methoxychlor	ND	0.100	U	ug/L	07.08.2020 18:38	1
Chlordane	ND	2.50	U	ug/L	07.08.2020 18:38	1
Toxaphene	ND	2.00	U	ug/L	07.08.2020 18:38	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tetrachloro-m-xylene	877-09-8	137	%	18-126	07.08.2020 18:38	**
Decachlorobiphenyl	2051-24-3	69	%	15-136	07.08.2020 18:38	

Analytical Method: EDB Appendix II by EPA 8011

Prep Method: SW8011P

Tech: MCK

Analyst: MCK

Date Prep: 07.08.2020 10:21

% Moisture:
SUB: E871002

Seq Number: 3131156

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1,2-Dibromoethane	ND	0.0490	U	ug/L	07.08.2020 17:10	1
1,2-Dibromo-3-Chloropropane (DBCP)	ND	0.200	UK	ug/L	09.10.2020 09:48	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	60-140	07.08.2020 17:10	

Project: Eagle Point Landfill

Certificate of Analytical Results 666434

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: **GWC-12R**
 Lab Sample Id: 666434-003

Matrix: Ground Water
 Date Collected: 07.06.2020 10:39

Date Received: 07.07.2020 10:34

Analytical Method: PCBs by SW-846 8082A

Prep Method: SW3510C

Tech: CEC

Analyst: CEC

Date Prep: 07.08.2020 11:51

% Moisture:

SUB: E871002

Seq Number: 3131239

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
PCB-1016	ND	0.500	U	ug/L	07.09.2020 11:37	1
PCB-1221	ND	0.500	U	ug/L	07.09.2020 11:37	1
PCB-1232	ND	0.500	U	ug/L	07.09.2020 11:37	1
PCB-1242	ND	0.500	U	ug/L	07.09.2020 11:37	1
PCB-1248	ND	0.500	U	ug/L	07.09.2020 11:37	1
PCB-1254	ND	0.500	U	ug/L	07.09.2020 11:37	1
PCB-1260	ND	0.500	U	ug/L	07.09.2020 11:37	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Decachlorobiphenyl	2051-24-3	76	%	27-123	07.09.2020 11:37	
Tetrachloro-m-xylene	877-09-8	328	%	18-116	07.09.2020 11:37	**

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA

Eagle Point Landfill

Sample Id: GWC-12R
Lab Sample Id: 666434-003

Matrix: Ground Water
Date Collected: 07.06.2020 10:39

Date Received: 07.07.2020 10:34

Analytical Method: SVOCs by SW846 8270D Appendix2

Prep Method: SW3510C

Tech: AHI

Analyst: EKL

Date Prep: 07.13.2020 10:36

% Moisture:

SUB: E871002

Seq Number: 3131569

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1,2,4,5-Tetrachlorobenzene	ND	10.0	U	ug/L	07.14.2020 17:16	1
1,2,4-Trichlorobenzene	ND	10.0	U	ug/L	07.14.2020 17:16	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 17:16	1
1,3-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 17:16	1
1,3-Dinitrobenzene	ND	10.0	U	ug/L	07.14.2020 17:16	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.14.2020 17:16	1
2,3,4,6-Tetrachlorophenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
2,4,5-Trichlorophenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
2,4,6-Trichlorophenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
2,4-Dichlorophenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
2,4-Dimethylphenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
2,4-Dinitrophenol	ND	50.0	U	ug/L	07.14.2020 17:16	1
2,4-Dinitrotoluene	ND	10.0	U	ug/L	07.14.2020 17:16	1
2,6-Dichlorophenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
2,6-Dinitrotoluene	ND	10.0	U	ug/L	07.14.2020 17:16	1
2-Chloronaphthalene	ND	10.0	U	ug/L	07.14.2020 17:16	1
2-Chlorophenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
2-Methylnaphthalene	ND	10.0	U	ug/L	07.14.2020 17:16	1
2-methylphenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
2-Nitroaniline	ND	50.0	U	ug/L	07.14.2020 17:16	1
2-Nitrophenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
3&4-Methylphenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
3,3-Dichlorobenzidine	ND	20.0	U	ug/L	07.14.2020 17:16	1
3-Nitroaniline	ND	50.0	U	ug/L	07.14.2020 17:16	1
4,6-dinitro-2-methyl phenol	ND	50.0	U	ug/L	07.14.2020 17:16	1
4-Bromophenyl-phenylether	ND	10.0	U	ug/L	07.14.2020 17:16	1
4-chloro-3-methylphenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
4-Chloroaniline	ND	20.0	U	ug/L	07.14.2020 17:16	1
4-Chlorophenyl Phenyl Ether	ND	10.0	U	ug/L	07.14.2020 17:16	1
4-Nitroaniline	ND	50.0	U	ug/L	07.14.2020 17:16	1
4-Nitrophenol	ND	50.0	U	ug/L	07.14.2020 17:16	1
Acenaphthene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Acenaphthylene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Acetophenone	ND	10.0	U	ug/L	07.14.2020 17:16	1
Anthracene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Benzo(a)anthracene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Benzo(a)pyrene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Benzo(b)fluoranthene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Benzo(g,h,i)perylene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Benzo(k)fluoranthene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Benzyl Alcohol	ND	20.0	U	ug/L	07.14.2020 17:16	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: GWC-12R
Lab Sample Id: 666434-003

Matrix: Ground Water
Date Collected: 07.06.2020 10:39

Date Received: 07.07.2020 10:34

Analytical Method: SVOCs by SW846 8270D Appendix2

Prep Method: SW3510C

Tech: AHI

% Moisture:

Analyst: EKL

Date Prep: 07.13.2020 10:36

SUB: E871002

Parameter: 3131569

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Benzyl Butyl Phthalate	ND	10.0	U	ug/L	07.14.2020 17:16	1
bis(2-chloroethoxy) methane	ND	10.0	U	ug/L	07.14.2020 17:16	1
bis(2-chloroethyl) ether	ND	10.0	U	ug/L	07.14.2020 17:16	1
bis(2-chloroisopropyl) ether	ND	10.0	U	ug/L	07.14.2020 17:16	1
bis(2-ethylhexyl) phthalate	ND	6.00	U	ug/L	07.14.2020 17:16	1
Chrysene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Dibenz(a,h)anthracene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Dibenzofuran	ND	10.0	U	ug/L	07.14.2020 17:16	1
Diethyl Phthalate	ND	10.0	U	ug/L	07.14.2020 17:16	1
Dimethyl Phthalate	ND	10.0	U	ug/L	07.14.2020 17:16	1
di-n-Butyl Phthalate	ND	10.0	U	ug/L	07.14.2020 17:16	1
di-n-Octyl Phthalate	ND	10.0	U	ug/L	07.14.2020 17:16	1
Diphenylamine	ND	10.0	U	ug/L	07.14.2020 17:16	1
Ethyl Methanesulfonate	ND	20.0	U	ug/L	07.14.2020 17:16	1
Fluoranthene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Fluorene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Hexachlorobenzene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Hexachlorobutadiene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Hexachlorocyclopentadiene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Hexachloroethane	ND	10.0	U	ug/L	07.14.2020 17:16	1
Hexachloropropene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Indeno(1,2,3-cd)pyrene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Isophorone	ND	10.0	U	ug/L	07.14.2020 17:16	1
Methyl Methanesulfonate	ND	10.0	U	ug/L	07.14.2020 17:16	1
Naphthalene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Nitrobenzene	ND	10.0	U	ug/L	07.14.2020 17:16	1
N-Nitrosodiethylamine	ND	20.0	U	ug/L	07.14.2020 17:16	1
N-Nitrosodimethylamine	ND	10.0	U	ug/L	07.14.2020 17:16	1
N-Nitroso-di-n-Butylamine	ND	10.0	U	ug/L	07.14.2020 17:16	1
N-Nitrosodi-n-Propylamine	ND	10.0	U	ug/L	07.14.2020 17:16	1
N-Nitrosodiphenylamine	ND	10.0	U	ug/L	07.14.2020 17:16	1
N-Nitrosomethylethylamine	ND	10.0	U	ug/L	07.14.2020 17:16	1
N-Nitrosopiperidine	ND	20.0	U	ug/L	07.14.2020 17:16	1
N-Nitrosopyrrolidine	ND	40.0	U	ug/L	07.14.2020 17:16	1
p-Dimethylaminoazobenzene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Pentachlorobenzene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Pentachlorophenol	ND	50.0	U	ug/L	07.14.2020 17:16	1
Phenanthrene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Phenol	ND	10.0	U	ug/L	07.14.2020 17:16	1
Pyrene	ND	10.0	U	ug/L	07.14.2020 17:16	1
1,3,5-Trinitrobenzene	ND	10.0	U	ug/L	07.14.2020 17:16	1
1,4-Naphthoquinone	ND	10.0	U	ug/L	07.14.2020 17:16	1

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: GWC-12R
Lab Sample Id: 666434-003

Matrix: Ground Water
Date Collected: 07.06.2020 10:39

Date Received: 07.07.2020 10:34

Analytical Method: SVOCs by SW846 8270D Appendix2

Prep Method: SW3510C

Tech: AHI

% Moisture:

Analyst: EKL

Date Prep: 07.13.2020 10:36

SUB: E871002

Parameter: 3131569

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1-Naphthylamine	ND	10.0	U	ug/L	07.14.2020 17:16	1
2-Acetylaminofluorene	ND	20.0	U	ug/L	07.14.2020 17:16	1
2-Naphthylamine	ND	10.0	U	ug/L	07.14.2020 17:16	1
3,3'-Dimethylbenzidine	ND	80.0	U	ug/L	07.14.2020 17:16	1
3-Methylcholanthrene	ND	10.0	U	ug/L	07.14.2020 17:16	1
4-Aminobiphenyl (4-Biphenylamine)	ND	20.0	U	ug/L	07.14.2020 17:16	1
5-nitro-o-toluidine	ND	10.0	U	ug/L	07.14.2020 17:16	1
7,12-dimethylbenz(a)anthracene	ND	10.0	U	ug/L	07.14.2020 17:16	1
Chlorobenzilate	ND	10.0	U	ug/L	07.14.2020 17:16	1
Diallate (trans or cis Isomers)	ND	10.0	U	ug/L	07.14.2020 17:16	1
Dimethoate	ND	10.0	U	ug/L	07.14.2020 17:16	1
Disulfoton	ND	10.0	U	ug/L	07.14.2020 17:16	1
Famphur	ND	20.0	U	ug/L	07.14.2020 17:16	1
Isodrin	ND	20.0	U	ug/L	07.14.2020 17:16	1
Isosafrole	ND	10.0	U	ug/L	07.14.2020 17:16	1
Kepone	ND	50.0	U	ug/L	07.14.2020 17:16	1
Methapyrilene	ND	50.0	U	ug/L	07.14.2020 17:16	1
Methyl parathion	ND	10.0	U	ug/L	07.14.2020 17:16	1
O,O,O-Triethyl Phosphorothioate	ND	10.0	U	ug/L	07.14.2020 17:16	1
Parathion, Ethyl	ND	20.0	U	ug/L	07.14.2020 17:16	1
Pentachloronitrobenzene	ND	20.0	U	ug/L	07.14.2020 17:16	1
Phenacetin	ND	20.0	U	ug/L	07.14.2020 17:16	1
Phorate	ND	10.0	U	ug/L	07.14.2020 17:16	1
Pronamide	ND	10.0	U	ug/L	07.14.2020 17:16	1
Safrole	ND	10.0	U	ug/L	07.14.2020 17:16	1
Zinophos	ND	20.0	U	ug/L	07.14.2020 17:16	1
o-Toluidine	ND	10.0	U	ug/L	07.14.2020 17:16	1
p-Phenylenediamine	ND	100	U	ug/L	07.14.2020 17:16	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	30	%	28-114	07.14.2020 17:16	
Phenol-d6	13127-88-3	20	%	23-117	07.14.2020 17:16	**
Nitrobenzene-d5	4165-60-0	71	%	26-110	07.14.2020 17:16	
2-Fluorobiphenyl	321-60-8	68	%	29-112	07.14.2020 17:16	
2,4,6-Tribromophenol	118-79-6	85	%	31-132	07.14.2020 17:16	
Terphenyl-D14	1718-51-0	71	%	20-141	07.14.2020 17:16	

Project: Eagle Point Landfill

Advanced Disposal, Roswell, GA
Eagle Point Landfill

Sample Id: GWC-12R
Lab Sample Id: 666434-003

Matrix: Ground Water
Date Collected: 07.06.2020 10:39

Date Received: 07.07.2020 10:34

Analytical Method: Appendix II VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: JNL

Analyst: JNL

Date Prep: 07.08.2020 10:37

% Moisture:
SUB: E87429

Seq Number: 3131123

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
Acetone	ND	100	U	ug/L	07.08.2020 14:50	1
Acrolein	ND	50.0	U	ug/L	07.08.2020 14:50	1
Acrylonitrile	ND	50.0	UF	ug/L	07.08.2020 14:50	1
Benzene	3.15	2.00		ug/L	07.08.2020 14:50	1
Bromochloromethane	ND	10.0	U	ug/L	07.08.2020 14:50	1
Bromodichloromethane	ND	10.0	U	ug/L	07.08.2020 14:50	1
Bromoform	ND	10.0	U	ug/L	07.08.2020 14:50	1
Bromomethane	ND	10.0	U	ug/L	07.08.2020 14:50	1
2-Butanone	ND	100	UL	ug/L	07.08.2020 14:50	1
Carbon Disulfide	ND	5.00	U	ug/L	07.08.2020 14:50	1
Carbon Tetrachloride	ND	2.00	U	ug/L	07.08.2020 14:50	1
Chlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:50	1
Chloroethane	ND	2.00	U	ug/L	07.08.2020 14:50	1
Chloroform	ND	2.00	U	ug/L	07.08.2020 14:50	1
Chloromethane	ND	10.0	U	ug/L	07.08.2020 14:50	1
Dibromochloromethane	ND	10.0	U	ug/L	07.08.2020 14:50	1
Dibromomethane	ND	10.0	U	ug/L	07.08.2020 14:50	1
1,2-Dichlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:50	1
1,3-Dichlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:50	1
1,4-Dichlorobenzene	ND	10.0	U	ug/L	07.08.2020 14:50	1
trans-1,4-dichloro-2-butene	ND	100	U	ug/L	07.08.2020 14:50	1
Dichlorodifluoromethane	ND	10.0	U	ug/L	07.08.2020 14:50	1
1,1-Dichloroethane	ND	2.00	U	ug/L	07.08.2020 14:50	1
1,2-Dichloroethane	ND	2.00	U	ug/L	07.08.2020 14:50	1
1,1-Dichloroethene	ND	2.00	U	ug/L	07.08.2020 14:50	1
cis-1,2-Dichloroethene	2.29	2.00		ug/L	07.08.2020 14:50	1
trans-1,2-dichloroethene	ND	2.00	U	ug/L	07.08.2020 14:50	1
1,2-Dichloropropane	ND	2.00	U	ug/L	07.08.2020 14:50	1
1,3-Dichloropropane	ND	2.00	U	ug/L	07.08.2020 14:50	1
2,2-Dichloropropane	ND	2.00	U	ug/L	07.08.2020 14:50	1
1,1-Dichloropropene	ND	2.00	U	ug/L	07.08.2020 14:50	1
cis-1,3-Dichloropropene	ND	2.00	U	ug/L	07.08.2020 14:50	1
trans-1,3-dichloropropene	ND	2.00	U	ug/L	07.08.2020 14:50	1
Ethylbenzene	ND	2.00	U	ug/L	07.08.2020 14:50	1
Ethyl Methacrylate	ND	10.0	U	ug/L	07.08.2020 14:50	1
2-Hexanone	ND	50.0	U	ug/L	07.08.2020 14:50	1
Methylene Chloride	ND	5.00	U	ug/L	07.08.2020 14:50	1
Iodomethane (Methyl Iodide)	ND	100	U	ug/L	07.08.2020 14:50	1
4-Methyl-2-Pentanone	ND	50.0	U	ug/L	07.08.2020 14:50	1
Styrene	ND	10.0	U	ug/L	07.08.2020 14:50	1
1,1,1,2-Tetrachloroethane	ND	2.00	U	ug/L	07.08.2020 14:50	1

Project: Eagle Point Landfill

Certificate of Analytical Results 666434

Advanced Disposal, Roswell, GA Eagle Point Landfill

Sample Id: **GWC-12R**
Lab Sample Id: 666434-003

Matrix: Ground Water
Date Collected: 07.06.2020 10:39

Date Received: 07.07.2020 10:34

Analytical Method: Appendix II VOCs by SW-846 8260B

Prep Method: SW5030B

Tech: JNL

% Moisture:

Analyst: JNL

Date Prep: 07.08.2020 10:37

SUB: E87429

Parameter: 3131123

Parameter	Result	RL	Flag	Units	Analysis Date	Dil
1,1,2,2-Tetrachloroethane	ND	2.00	U	ug/L	07.08.2020 14:50	1
Tetrachloroethylene	ND	2.00	U	ug/L	07.08.2020 14:50	1
Toluene	ND	2.00	U	ug/L	07.08.2020 14:50	1
1,1,1-Trichloroethane	ND	2.00	U	ug/L	07.08.2020 14:50	1
1,1,2-Trichloroethane	ND	2.00	U	ug/L	07.08.2020 14:50	1
Trichloroethene	ND	2.00	U	ug/L	07.08.2020 14:50	1
Trichlorofluoromethane	ND	10.0	U	ug/L	07.08.2020 14:50	1
1,2,3-Trichloropropane	ND	2.00	U	ug/L	07.08.2020 14:50	1
Vinyl Acetate	ND	100	U	ug/L	07.08.2020 14:50	1
Vinyl Chloride	ND	2.00	U	ug/L	07.08.2020 14:50	1
Acetonitrile	ND	50.0	U	ug/L	07.08.2020 14:50	1
Allyl Chloride (3-Chloropropene)	ND	5.00	U	ug/L	07.08.2020 14:50	1
Chloroprene	ND	10.0	U	ug/L	07.08.2020 14:50	1
Isobutanol	ND	100	U*L	ug/L	07.08.2020 14:50	1
Methyl Methacrylate	ND	10.0	U	ug/L	07.08.2020 14:50	1
Methylacrylonitrile	ND	100	U	ug/L	07.08.2020 14:50	1
Propane Nitrile (Propionitrile)	ND	100	U	ug/L	07.08.2020 14:50	1
Total Xylenes	ND	5.00	U	ug/L	07.08.2020 14:50	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	111	%	53-159	07.08.2020 14:50	
Toluene-D8	2037-26-5	98	%	70-130	07.08.2020 14:50	
4-Bromofluorobenzene	460-00-4	99	%	30-180	07.08.2020 14:50	

Project: Eagle Point Landfill

Advanced Disposal
Eagle Point Landfill

Analytical Method: Total Cyanide by EPA 335.4
Seq Number: 3131722
MB Sample Id: 7707408-1-BLK

Matrix: Water
LCS Sample Id: 7707408-1-BKS

Prep Method: E335.4P
Date Prep: 07.15.2020

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Cyanide, Total	<0.00198	0.100	0.108	108	90-110	mg/L	07.15.2020 16:06	

Analytical Method: Total Cyanide by EPA 335.4
Seq Number: 3131722
Parent Sample Id: 666434-001

Matrix: Ground Water
MS Sample Id: 666434-001 S

Prep Method: E335.4P
Date Prep: 07.15.2020
MSD Sample Id: 666434-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Cyanide, Total	0.00249	0.200	0.200	99	0.201	99	90-110	0	20	mg/L	07.15.2020 16:10	

Analytical Method: Total Cyanide by EPA 335.4
Seq Number: 3131722
Parent Sample Id: 666876-001

Matrix: Water
MS Sample Id: 666876-001 S

Prep Method: E335.4P
Date Prep: 07.15.2020
MSD Sample Id: 666876-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Cyanide, Total	<0.00198	0.200	0.203	102	0.205	103	90-110	1	20	mg/L	07.15.2020 16:30	

Analytical Method: Appendix II Metals by SW-846 6020A
Seq Number: 3131189
MB Sample Id: 7706996-1-BLK

Matrix: Water
LCS Sample Id: 7706996-1-BKS

Prep Method: SW3010A
Date Prep: 07.09.2020
LCSD Sample Id: 7706996-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Antimony	<0.000240	0.100	0.0935	94	0.0937	94	80-120	0	20	mg/L	07.09.2020 15:18	
Arsenic	<0.000246	0.100	0.0947	95	0.0928	93	80-120	2	20	mg/L	07.09.2020 15:18	
Barium	<0.000484	0.100	0.0900	90	0.0890	89	80-120	1	20	mg/L	07.09.2020 15:18	
Beryllium	<0.000131	0.100	0.0979	98	0.0992	99	80-120	1	20	mg/L	07.09.2020 15:18	
Cadmium	<0.000147	0.100	0.0941	94	0.0942	94	80-120	0	20	mg/L	07.09.2020 15:18	
Chromium	<0.000525	0.100	0.0935	94	0.0927	93	80-120	1	20	mg/L	07.09.2020 15:18	
Cobalt	<0.0000699	0.100	0.0934	93	0.0939	94	80-120	1	20	mg/L	07.09.2020 15:18	
Copper	<0.000747	0.100	0.0945	95	0.0948	95	80-120	0	20	mg/L	07.09.2020 15:18	
Lead	<0.000152	0.100	0.0950	95	0.0953	95	80-120	0	20	mg/L	07.09.2020 15:18	
Nickel	<0.000292	0.100	0.0934	93	0.0938	94	80-120	0	20	mg/L	07.09.2020 15:18	
Selenium	<0.000454	0.100	0.0957	96	0.0936	94	80-120	2	20	mg/L	07.09.2020 15:18	
Silver	<0.000251	0.0500	0.0485	97	0.0489	98	80-120	1	20	mg/L	07.09.2020 15:18	
Thallium	<0.000332	0.100	0.0952	95	0.0964	96	80-120	1	20	mg/L	07.09.2020 15:18	
Tin	<0.000158	0.100	0.0952	95	0.0958	96	80-120	1	20	mg/L	07.09.2020 15:18	
Vanadium	<0.000164	0.100	0.0929	93	0.0929	93	80-120	0	20	mg/L	07.09.2020 15:18	
Zinc	<0.000802	0.100	0.0941	94	0.0928	93	80-120	1	20	mg/L	07.09.2020 15:18	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix II Metals by SW-846 6020A

Seq Number: 3131189

Parent Sample Id: 666424-001

Matrix: Drinking Water

MS Sample Id: 666424-001 S

Prep Method: SW3010A

Date Prep: 07.09.2020

MSD Sample Id: 666424-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Antimony	<0.000240	0.100	0.0951	95	0.0963	96	75-125	1	20	mg/L	07.09.2020 15:27	
Arsenic	<0.000246	0.100	0.0949	95	0.0951	95	75-125	0	20	mg/L	07.09.2020 15:27	
Barium	0.154	0.100	0.242	88	0.243	89	75-125	0	20	mg/L	07.09.2020 15:27	
Beryllium	<0.000131	0.100	0.0984	98	0.0970	97	75-125	1	20	mg/L	07.09.2020 15:27	
Cadmium	<0.000147	0.100	0.0931	93	0.0940	94	75-125	1	20	mg/L	07.09.2020 15:27	
Chromium	<0.000525	0.100	0.0936	94	0.0944	94	75-125	1	20	mg/L	07.09.2020 15:27	
Cobalt	<0.0000699	0.100	0.0934	93	0.0946	95	75-125	1	20	mg/L	07.09.2020 15:27	
Copper	<0.000747	0.100	0.0941	94	0.0962	96	75-125	2	20	mg/L	07.09.2020 15:27	
Lead	<0.000152	0.100	0.0947	95	0.0961	96	75-125	1	20	mg/L	07.09.2020 15:27	
Nickel	<0.000292	0.100	0.0932	93	0.0953	95	75-125	2	20	mg/L	07.09.2020 15:27	
Selenium	<0.000454	0.100	0.0941	94	0.0942	94	75-125	0	20	mg/L	07.09.2020 15:27	
Silver	<0.000251	0.0500	0.0481	96	0.0485	97	75-125	1	20	mg/L	07.09.2020 15:27	
Thallium	<0.000332	0.100	0.0956	96	0.0966	97	75-125	1	20	mg/L	07.09.2020 15:27	
Tin	<0.000158	0.100	0.0961	96	0.0970	97	75-125	1	20	mg/L	07.09.2020 15:27	
Vanadium	<0.000164	0.100	0.0967	97	0.0974	97	75-125	1	20	mg/L	07.09.2020 15:27	
Zinc	<0.000802	0.100	0.101	101	0.0993	99	75-125	2	20	mg/L	07.09.2020 15:27	

Analytical Method: Mercury by SW-846 7470A

Seq Number: 3131301

MB Sample Id: 7707087-1-BLK

Matrix: Water

LCS Sample Id: 7707087-1-BKS

Prep Method: SW7470P

Date Prep: 07.10.2020

LCSD Sample Id: 7707087-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.0000263	0.00200	0.00201	101	0.00202	101	80-120	0	20	mg/L	07.10.2020 13:51	

Analytical Method: Mercury by SW-846 7470A

Seq Number: 3131301

Parent Sample Id: 666434-001

Matrix: Ground Water

MS Sample Id: 666434-001 S

Prep Method: SW7470P

Date Prep: 07.10.2020

MSD Sample Id: 666434-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.0000263	0.00200	0.00202	101	0.00201	101	75-125	0	20	mg/L	07.10.2020 13:57	

Analytical Method: Sulfide by SM4500-S-F

Seq Number: 3131149

MB Sample Id: 3131149-1-BLK

Matrix: Water

LCS Sample Id: 3131149-1-BKS

LCSD Sample Id: 3131149-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Sulfide, Total	<0.495	50.0	47.0	94	46.8	94	80-120	0	20	mg/L	07.09.2020 11:04	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: Sulfide by SM4500-S-F

Seq Number: 3131149 Matrix: Ground Water
Parent Sample Id: 666434-001 MS Sample Id: 666434-001 S MSD Sample Id: 666434-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Sulfide, Total	<0.495	50.0	47.2	94	48.0	96	80-120	2	20	mg/L	07.09.2020 11:04	

Analytical Method: Appendix II Herbicides by SW-846 8151A

Seq Number: 3131099 Matrix: Water Prep Method: SW8151A_EXT
MB Sample Id: 7706907-1-BLK LCS Sample Id: 7706907-1-BKS Date Prep: 07.08.2020
LCSD Sample Id: 7706907-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
2,4,5-T	<0.0497	1.19	1.06	89	1.10	92	30-159	4	25	ug/L	07.08.2020 15:34	
2,4,5-TP (Silvex)	<0.0941	1.19	1.30	109	1.38	116	32-140	6	25	ug/L	07.08.2020 15:34	
2,4-D	<0.0453	1.18	1.03	87	1.21	103	10-189	16	25	ug/L	07.08.2020 15:34	
Dinoseb	<0.0593	1.18	0.461	39	0.528	45	25-125	14	25	ug/L	07.08.2020 15:34	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2,4-Dichlorophenylacetic Acid	82		91		118		41-131	%	07.08.2020 15:34

Analytical Method: Appendix II Pesticides by SW-846 8081B

Seq Number: 3131113 Matrix: Water Prep Method: SW3510C
MB Sample Id: 7706861-1-BLK LCS Sample Id: 7706861-1-BKS Date Prep: 07.08.2020
LCSD Sample Id: 7706861-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
4,4-DDD	<0.00407	0.500	0.505	101	0.443	89	11-160	13	25	ug/L	07.08.2020 14:43	
4,4-DDE	<0.00547	0.500	0.458	92	0.403	81	15-157	13	25	ug/L	07.08.2020 14:43	
4,4-DDT	<0.0189	0.500	0.652	130	0.553	111	15-157	16	25	ug/L	07.08.2020 14:43	
Aldrin	<0.00567	0.500	0.446	89	0.395	79	12-154	12	25	ug/L	07.08.2020 14:43	
Alpha-BHC	<0.00711	0.500	0.441	88	0.394	79	10-149	11	25	ug/L	07.08.2020 14:43	
Beta-BHC	<0.0194	0.500	0.489	98	0.434	87	10-151	12	25	ug/L	07.08.2020 14:43	
Delta-BHC	<0.0123	0.500	0.483	97	0.438	88	10-155	10	25	ug/L	07.08.2020 14:43	
Dieldrin	<0.00477	0.500	0.500	100	0.439	88	14-156	13	25	ug/L	07.08.2020 14:43	
Endosulfan I	<0.00536	0.500	0.494	99	0.439	88	12-155	12	25	ug/L	07.08.2020 14:43	
Endosulfan II	<0.00609	0.500	0.518	104	0.458	92	16-158	12	25	ug/L	07.08.2020 14:43	
Endosulfan Sulfate	<0.00559	0.500	0.505	101	0.449	90	17-159	12	25	ug/L	07.08.2020 14:43	
Endrin	<0.00779	0.500	0.523	105	0.463	93	14-169	12	25	ug/L	07.08.2020 14:43	
Endrin Aldehyde	<0.00592	0.500	0.383	77	0.328	66	22-148	15	25	ug/L	07.08.2020 14:43	
Gamma-BHC (Lindane)	<0.0150	0.500	0.464	93	0.411	82	8-157	12	25	ug/L	07.08.2020 14:43	
Heptachlor	<0.0223	0.500	0.467	93	0.407	81	10-157	14	25	ug/L	07.08.2020 14:43	
Heptachlor Epoxide	<0.00672	0.500	0.496	99	0.442	88	15-155	12	25	ug/L	07.08.2020 14:43	
Methoxychlor	<0.0195	0.500	0.727	145	0.618	124	25-161	16	25	ug/L	07.08.2020 14:43	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Tetrachloro-m-xylene	75		73		67		18-126	%	07.08.2020 14:43
Decachlorobiphenyl	69		73		64		15-136	%	07.08.2020 14:43

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: EDB Appendix II by EPA 8011

Seq Number: 3131156

MB Sample Id: 7706897-1-BLK

Matrix: Water

LCS Sample Id: 7706897-1-BKS

Prep Method: SW8011P

Date Prep: 07.08.2020

LCSD Sample Id: 7706897-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,2-Dibromoethane	<0.00362	0.250	0.247	99	0.244	98	60-140	1	30	ug/L	07.08.2020 12:51	
1,2-Dibromo-3-Chloropropane (DBCP)	<0.00314	0.250	0.222	89	0.227	91	60-140	2	30	ug/L	07.08.2020 12:51	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	123		102		97		60-140	%	07.08.2020 12:51

Analytical Method: EDB Appendix II by EPA 8011

Seq Number: 3136920

MB Sample Id: 7710993-1-BLK

Matrix: Water

LCS Sample Id: 7710993-1-BKS

Prep Method: SW8011P

Date Prep: 09.09.2020

LCSD Sample Id: 7710993-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,2-Dibromo-3-Chloropropane (DBCP)	<0.00314	0.250	0.234	94	0.230	92	60-140	2	30	ug/L	09.09.2020 13:08	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	84		91		96		60-140	%	09.09.2020 13:08

Analytical Method: EDB Appendix II by EPA 8011

Seq Number: 3131156

Parent Sample Id: 666064-001

Matrix: Ground Water

MS Sample Id: 666064-001 S

Prep Method: SW8011P

Date Prep: 07.08.2020

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
1,2-Dibromoethane	<0.00345	0.238	0.213	89	60-140	ug/L	07.08.2020 13:37	
1,2-Dibromo-3-Chloropropane (DBCP)	0.00556	0.238	0.179	73	60-140	ug/L	07.08.2020 13:37	

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	85		60-140	%	07.08.2020 13:37

Analytical Method: EDB Appendix II by EPA 8011

Seq Number: 3136920

Parent Sample Id: 671726-001

Matrix: Ground Water

MS Sample Id: 671726-001 S

Prep Method: SW8011P

Date Prep: 09.09.2020

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
1,2-Dibromo-3-Chloropropane (DBCP)	<0.00300	0.239	0.218	91	60-140	ug/L	09.09.2020 14:01	

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	102		60-140	%	09.09.2020 14:01

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: PCBs by SW-846 8082A

Seq Number: 3131239

MB Sample Id: 7706864-1-BLK

Matrix: Water

LCS Sample Id: 7706864-1-BKS

Prep Method: SW3510C

Date Prep: 07.08.2020

LCSD Sample Id: 7706864-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
PCB-1016	<0.0626	5.00	3.75	75	3.54	71	54-125	6	20	ug/L	07.09.2020 10:51	
PCB-1260	<0.0390	5.00	4.09	82	3.89	78	41-126	5	20	ug/L	07.09.2020 10:51	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	98		89		81		27-123	%	07.09.2020 10:51
Tetrachloro-m-xylene	83		73		70		18-116	%	07.09.2020 10:51

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = $\text{Log}(\text{Sample Duplicate}) - \text{Log}(\text{Original Sample})$

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: SVOCs by SW846 8270D Appendix2

Prep Method: SW3510C

Seq Number: 3131569

Matrix: Water

Date Prep: 07.13.2020

MB Sample Id: 7707128-1-BLK

LCS Sample Id: 7707128-1-BKS

LCSD Sample Id: 7707128-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,2,4,5-Tetrachlorobenzene	<0.646	50.0	40.7	81	39.8	80	39-120	2	30	ug/L	07.13.2020 18:44	
1,2,4-Trichlorobenzene	<0.773	50.0	37.7	75	36.5	73	34-117	3	30	ug/L	07.13.2020 18:44	
1,2-Dichlorobenzene	<0.554	50.0	36.1	72	35.2	70	38-111	3	30	ug/L	07.13.2020 18:44	
1,3-Dichlorobenzene	<0.754	50.0	35.3	71	34.2	68	37-111	3	30	ug/L	07.13.2020 18:44	
1,3-Dinitrobenzene	<0.948	50.0	41.1	82	42.0	84	36-131	2	30	ug/L	07.13.2020 18:44	
1,4-Dichlorobenzene	<0.650	50.0	35.6	71	34.8	70	37-111	2	30	ug/L	07.13.2020 18:44	
2,3,4,6-Tetrachlorophenol	<1.02	50.0	40.5	81	42.6	85	33-132	5	30	ug/L	07.13.2020 18:44	
2,4,5-Trichlorophenol	<0.935	50.0	42.7	85	43.7	87	39-125	2	30	ug/L	07.13.2020 18:44	
2,4,6-Trichlorophenol	<0.946	50.0	41.9	84	42.4	85	42-125	1	30	ug/L	07.13.2020 18:44	
2,4-Dichlorophenol	<1.04	50.0	41.7	83	42.5	85	38-120	2	30	ug/L	07.13.2020 18:44	
2,4-Dimethylphenol	<0.891	50.0	39.3	79	41.2	82	39-117	5	30	ug/L	07.13.2020 18:44	
2,4-Dinitrophenol	<0.616	50.0	32.8	66	36.2	72	13-152	10	40	ug/L	07.13.2020 18:44	
2,4-Dinitrotoluene	<0.953	50.0	42.3	85	42.9	86	41-128	1	30	ug/L	07.13.2020 18:44	
2,6-Dichlorophenol	<0.899	50.0	42.5	85	44.0	88	42-118	3	30	ug/L	07.13.2020 18:44	
2,6-Dinitrotoluene	<1.11	50.0	40.5	81	41.8	84	42-127	3	30	ug/L	07.13.2020 18:44	
2-Chloronaphthalene	<0.809	50.0	38.1	76	37.2	74	40-118	2	30	ug/L	07.13.2020 18:44	
2-Chlorophenol	<0.842	50.0	38.7	77	40.0	80	41-108	3	30	ug/L	07.13.2020 18:44	
2-Methylnaphthalene	<0.778	50.0	41.2	82	39.8	80	37-112	3	30	ug/L	07.13.2020 18:44	
2-methylphenol	<0.914	50.0	35.0	70	37.0	74	36-105	6	30	ug/L	07.13.2020 18:44	
2-Nitroaniline	<1.07	50.0	41.0	82	43.0	86	34-121	5	40	ug/L	07.13.2020 18:44	
2-Nitrophenol	<0.966	50.0	41.2	82	43.0	86	38-125	4	30	ug/L	07.13.2020 18:44	
3&4-Methylphenol	<1.04	50.0	34.0	68	35.8	72	35-96	5	30	ug/L	07.13.2020 18:44	
3,3-Dichlorobenzidine	<0.618	50.0	32.9	66	34.9	70	29-141	6	40	ug/L	07.13.2020 18:44	
3-Nitroaniline	<0.787	50.0	36.6	73	37.8	76	42-123	3	40	ug/L	07.13.2020 18:44	
4,6-dinitro-2-methyl phenol	<0.872	50.0	35.8	72	37.3	75	12-157	4	40	ug/L	07.13.2020 18:44	
4-Bromophenyl-phenylether	<0.948	50.0	42.5	85	43.3	87	40-126	2	30	ug/L	07.13.2020 18:44	
4-chloro-3-methylphenol	<1.31	50.0	43.3	87	43.3	87	40-119	0	30	ug/L	07.13.2020 18:44	
4-Chloroaniline	<0.609	50.0	33.8	68	36.2	72	39-111	7	40	ug/L	07.13.2020 18:44	
4-Chlorophenyl Phenyl Ether	<0.868	50.0	42.0	84	42.3	85	40-122	1	30	ug/L	07.13.2020 18:44	
4-Nitroaniline	<1.16	50.0	38.1	76	38.0	76	42-125	0	40	ug/L	07.13.2020 18:44	
4-Nitrophenol	<1.61	50.0	21.7	43	22.7	45	14-82	5	40	ug/L	07.13.2020 18:44	
Acenaphthene	<0.876	50.0	41.0	82	39.5	79	41-116	4	30	ug/L	07.13.2020 18:44	
Acenaphthylene	<0.886	50.0	40.4	81	40.0	80	41-118	1	30	ug/L	07.13.2020 18:44	
Acetophenone	<0.932	50.0	73.3	147	76.7	153	23-175	5	30	ug/L	07.13.2020 18:44	
Anthracene	<0.884	50.0	42.4	85	42.4	85	39-127	0	30	ug/L	07.13.2020 18:44	
Benzo(a)anthracene	<1.15	50.0	39.5	79	39.4	79	40-129	0	30	ug/L	07.13.2020 18:44	
Benzo(a)pyrene	<1.37	50.0	43.5	87	42.7	85	36-141	2	30	ug/L	07.13.2020 18:44	
Benzo(b)fluoranthene	<1.79	50.0	40.7	81	41.2	82	34-139	1	30	ug/L	07.13.2020 18:44	
Benzo(g,h,i)perylene	<1.25	50.0	43.0	86	42.3	85	32-141	2	30	ug/L	07.13.2020 18:44	
Benzo(k)fluoranthene	<1.36	50.0	45.8	92	43.4	87	31-139	5	30	ug/L	07.13.2020 18:44	
Benzyl Alcohol	<0.870	50.0	35.0	70	36.3	73	37-102	4	40	ug/L	07.13.2020 18:44	
Benzyl Butyl Phthalate	<1.19	50.0	41.7	83	42.9	86	44-133	3	30	ug/L	07.13.2020 18:44	
bis(2-chloroethoxy) methane	<1.24	50.0	40.9	82	42.2	84	36-113	3	30	ug/L	07.13.2020 18:44	
bis(2-chloroethyl) ether	<1.08	50.0	40.0	80	41.1	82	38-111	3	30	ug/L	07.13.2020 18:44	
bis(2-chloroisopropyl) ether	<1.45	50.0	39.4	79	40.1	80	32-110	2	30	ug/L	07.13.2020 18:44	
bis(2-ethylhexyl) phthalate	<1.88	50.0	43.2	86	43.8	88	44-136	1	30	ug/L	07.13.2020 18:44	
Chrysene	<1.05	50.0	39.3	79	39.5	79	41-124	1	30	ug/L	07.13.2020 18:44	
Dibenz(a,h)anthracene	<1.26	50.0	44.1	88	43.2	86	35-143	2	30	ug/L	07.13.2020 18:44	
Dibenzofuran	<0.951	50.0	40.7	81	40.8	82	41-119	0	30	ug/L	07.13.2020 18:44	
Diethyl Phthalate	<1.23	50.0	41.0	82	41.0	82	41-125	0	30	ug/L	07.13.2020 18:44	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* |(C-E) / (C+E)|
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: SVOCs by SW846 8270D Appendix2

Prep Method: SW3510C

Seq Number: 3131569

Matrix: Water

Date Prep: 07.13.2020

MB Sample Id: 7707128-1-BLK

LCS Sample Id: 7707128-1-BKS

LCSD Sample Id: 7707128-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Dimethyl Phthalate	<1.17	50.0	40.1	80	40.8	82	42-123	2	30	ug/L	07.13.2020 18:44	
di-n-Butyl Phthalate	<1.13	50.0	42.6	85	43.0	86	41-133	1	30	ug/L	07.13.2020 18:44	
di-n-Octyl Phthalate	<1.48	50.0	46.1	92	45.3	91	34-145	2	30	ug/L	07.13.2020 18:44	
Diphenylamine	<1.16	50.0	40.6	81	42.6	85	40-127	5	30	ug/L	07.13.2020 18:44	
Ethyl Methanesulfonate	<0.912	50.0	39.0	78	40.8	82	41-109	5	30	ug/L	07.13.2020 18:44	
Fluoranthene	<0.947	50.0	41.7	83	43.0	86	38-132	3	30	ug/L	07.13.2020 18:44	
Fluorene	<0.938	50.0	42.2	84	42.3	85	41-121	0	30	ug/L	07.13.2020 18:44	
Hexachlorobenzene	<1.07	50.0	40.8	82	40.9	82	39-128	0	30	ug/L	07.13.2020 18:44	
Hexachlorobutadiene	<0.709	50.0	37.8	76	35.1	70	31-120	7	30	ug/L	07.13.2020 18:44	
Hexachlorocyclopentadiene	<0.614	50.0	29.9	60	29.6	59	15-117	1	30	ug/L	07.13.2020 18:44	
Hexachloroethane	<0.787	50.0	35.1	70	33.8	68	37-109	4	30	ug/L	07.13.2020 18:44	
Hexachloropropene	<0.744	50.0	40.0	80	38.1	76	24-122	5	30	ug/L	07.13.2020 18:44	
Indeno(1,2,3-cd)pyrene	<1.10	50.0	43.8	88	43.1	86	35-141	2	30	ug/L	07.13.2020 18:44	
Isophorone	<1.01	50.0	40.3	81	41.8	84	40-115	4	30	ug/L	07.13.2020 18:44	
Methyl Methanesulfonate	<0.960	50.0	32.3	65	32.7	65	33-90	1	30	ug/L	07.13.2020 18:44	
Naphthalene	<0.751	50.0	39.5	79	38.3	77	37-113	3	30	ug/L	07.13.2020 18:44	
Nitrobenzene	<0.960	50.0	40.5	81	41.3	83	37-114	2	30	ug/L	07.13.2020 18:44	
N-Nitrosodiethylamine	<0.975	50.0	40.3	81	41.1	82	42-115	2	30	ug/L	07.13.2020 18:44	
N-Nitrosodimethylamine	<0.863	50.0	26.2	52	26.5	53	28-76	1	30	ug/L	07.13.2020 18:44	
N-Nitroso-di-n-Butylamine	<1.51	50.0	39.7	79	39.7	79	34-122	0	30	ug/L	07.13.2020 18:44	
N-Nitrosodi-n-Propylamine	<1.33	50.0	38.2	76	39.4	79	38-117	3	30	ug/L	07.13.2020 18:44	
N-Nitrosodiphenylamine	<1.16	50.0	40.6	81	42.6	85	40-127	5	30	ug/L	07.13.2020 18:44	
N-Nitrosomethylethylamine	<0.825	50.0	37.4	75	37.5	75	41-108	0	30	ug/L	07.13.2020 18:44	
N-Nitrosopiperdine	<1.37	50.0	37.3	75	39.2	78	39-115	5	30	ug/L	07.13.2020 18:44	
N-Nitrosopyrrolidine	<0.990	50.0	37.0	74	38.6	77	36-121	4	30	ug/L	07.13.2020 18:44	
Pentachlorobenzene	<0.811	50.0	40.5	81	40.8	82	40-123	1	30	ug/L	07.13.2020 18:44	
Pentachlorophenol	<1.12	50.0	36.7	73	38.0	76	10-137	3	40	ug/L	07.13.2020 18:44	
Phenanthrene	<0.975	50.0	41.4	83	41.9	84	39-126	1	30	ug/L	07.13.2020 18:44	
Phenol	<1.16	50.0	24.0	48	25.1	50	15-64	4	40	ug/L	07.13.2020 18:44	
Pyrene	<0.852	50.0	41.8	84	41.6	83	40-130	0	30	ug/L	07.13.2020 18:44	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2-Fluorophenol	55		66		67		28-114	%	07.13.2020 18:44
Phenol-d6	41		49		50		23-117	%	07.13.2020 18:44
Nitrobenzene-d5	84		85		85		26-110	%	07.13.2020 18:44
2-Fluorobiphenyl	77		86		84		29-112	%	07.13.2020 18:44
2,4,6-Tribromophenol	85		93		95		31-132	%	07.13.2020 18:44
Terphenyl-D14	85		87		87		20-141	%	07.13.2020 18:44

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* |(C-E) / (C+E)|
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: SVOCs by SW846 8270D Appendix2

Seq Number: 3131569

Matrix: Water

Prep Method: SW3510C

Date Prep: 07.13.2020

MB Sample Id: 7707128-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
p-Dimethylaminoazobenzene	ND	ug/L	07.13.2020 19:25	
1,3,5-Trinitrobenzene	ND	ug/L	07.13.2020 19:25	
1,4-Naphthoquinone	ND	ug/L	07.13.2020 19:25	
1-Naphthylamine	ND	ug/L	07.13.2020 19:25	
2-Acetylaminofluorene	ND	ug/L	07.13.2020 19:25	
2-Naphthylamine	ND	ug/L	07.13.2020 19:25	
3,3'-Dimethylbenzidine	ND	ug/L	07.13.2020 19:25	
3-Methylcholanthrene	ND	ug/L	07.13.2020 19:25	
4-Aminobiphenyl (4-Biphenylamine)	ND	ug/L	07.13.2020 19:25	
5-nitro-o-toluidine	ND	ug/L	07.13.2020 19:25	
7,12-dimethylbenz(a)anthracene	ND	ug/L	07.13.2020 19:25	
Chlorobenzilate	ND	ug/L	07.13.2020 19:25	
Diallate (trans or cis Isomers)	ND	ug/L	07.13.2020 19:25	
Dimethoate	ND	ug/L	07.13.2020 19:25	
Disulfoton	ND	ug/L	07.13.2020 19:25	
Famphur	ND	ug/L	07.13.2020 19:25	
Isodrin	ND	ug/L	07.13.2020 19:25	
Isosafrole	ND	ug/L	07.13.2020 19:25	
Kepone	ND	ug/L	07.13.2020 19:25	
Methapyrilene	ND	ug/L	07.13.2020 19:25	
Methyl parathion	ND	ug/L	07.13.2020 19:25	
O,O,O-Triethyl Phosphorothioate	ND	ug/L	07.13.2020 19:25	
Parathion, Ethyl	ND	ug/L	07.13.2020 19:25	
Pentachloronitrobenzene	ND	ug/L	07.13.2020 19:25	
Phenacetin	ND	ug/L	07.13.2020 19:25	
Phorate	ND	ug/L	07.13.2020 19:25	
Pronamide	ND	ug/L	07.13.2020 19:25	
Safrole	ND	ug/L	07.13.2020 19:25	
Zinophos	ND	ug/L	07.13.2020 19:25	
o-Toluidine	ND	ug/L	07.13.2020 19:25	
p-Phenylenediamine	ND	ug/L	07.13.2020 19:25	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix II VOCs by SW-846 8260B

Prep Method: SW5030B

Seq Number: 3131123

Matrix: Water

Date Prep: 07.08.2020

MB Sample Id: 7706892-1-BLK

LCS Sample Id: 7706892-1-BKS

LCSD Sample Id: 7706892-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<0.350	100	71.8	72	75.8	76	40-140	5	20	ug/L	07.08.2020 12:43	
Acrolein	<0.373	100	75.3	75	80.5	81	40-140	7	20	ug/L	07.08.2020 12:43	
Acrylonitrile	<0.490	100	72.0	72	90.8	91	40-140	23	20	ug/L	07.08.2020 12:43	F
Benzene	<0.160	50.0	41.4	83	41.1	82	80-120	1	20	ug/L	07.08.2020 12:43	
Bromochloromethane	<0.200	50.0	43.0	86	39.8	80	65-120	8	20	ug/L	07.08.2020 12:43	
Bromodichloromethane	<0.250	50.0	49.6	99	48.4	97	75-120	2	20	ug/L	07.08.2020 12:43	
Bromoform	<0.170	50.0	42.0	84	46.2	92	70-130	10	20	ug/L	07.08.2020 12:43	
Bromomethane	<0.250	50.0	49.9	100	47.2	94	30-145	6	20	ug/L	07.08.2020 12:43	
2-Butanone	<0.280	100	64.1	64	63.2	63	70-135	1	20	ug/L	07.08.2020 12:43	L
Carbon Disulfide	<0.260	50.0	54.1	108	51.2	102	35-160	6	20	ug/L	07.08.2020 12:43	
Carbon Tetrachloride	<0.330	50.0	50.9	102	50.1	100	65-140	2	20	ug/L	07.08.2020 12:43	
Chlorobenzene	<0.150	50.0	49.7	99	49.2	98	80-120	1	20	ug/L	07.08.2020 12:43	
Chloroethane	<0.250	50.0	48.9	98	43.5	87	60-135	12	20	ug/L	07.08.2020 12:43	
Chloroform	<0.160	50.0	42.9	86	44.6	89	65-135	4	20	ug/L	07.08.2020 12:43	
Chloromethane	<0.250	50.0	45.9	92	40.5	81	40-125	13	20	ug/L	07.08.2020 12:43	
Dibromochloromethane	<0.150	50.0	46.9	94	46.1	92	60-135	2	20	ug/L	07.08.2020 12:43	
Dibromomethane	<0.600	50.0	46.5	93	50.5	101	75-125	8	20	ug/L	07.08.2020 12:43	
1,2-Dichlorobenzene	<0.140	50.0	44.8	90	54.0	108	70-125	19	20	ug/L	07.08.2020 12:43	
1,3-Dichlorobenzene	<0.170	50.0	50.8	102	51.2	102	75-125	1	20	ug/L	07.08.2020 12:43	
1,4-Dichlorobenzene	<0.170	50.0	48.9	98	50.8	102	75-125	4	20	ug/L	07.08.2020 12:43	
trans-1,4-dichloro-2-butene	<0.190	50.0	47.8	96	54.6	109	65-135	13	20	ug/L	07.08.2020 12:43	
Dichlorodifluoromethane	<0.220	50.0	66.9	134	60.9	122	30-155	9	20	ug/L	07.08.2020 12:43	
1,1-Dichloroethane	<0.110	50.0	47.2	94	46.4	93	70-150	2	20	ug/L	07.08.2020 12:43	
1,2-Dichloroethane	<0.180	50.0	42.7	85	45.4	91	70-130	6	20	ug/L	07.08.2020 12:43	
1,1-Dichloroethene	<0.200	50.0	49.9	100	44.9	90	70-130	11	20	ug/L	07.08.2020 12:43	
cis-1,2-Dichloroethene	<0.210	50.0	44.9	90	42.0	84	70-125	7	20	ug/L	07.08.2020 12:43	
trans-1,2-dichloroethene	<0.210	50.0	47.3	95	46.8	94	60-140	1	20	ug/L	07.08.2020 12:43	
1,2-Dichloropropane	<0.150	50.0	48.8	98	46.6	93	75-125	5	20	ug/L	07.08.2020 12:43	
1,3-Dichloropropane	<0.190	50.0	46.7	93	47.7	95	75-125	2	20	ug/L	07.08.2020 12:43	
2,2-Dichloropropane	<0.210	50.0	56.4	113	52.1	104	70-130	8	20	ug/L	07.08.2020 12:43	
1,1-Dichloropropene	<0.100	50.0	50.0	100	49.5	99	75-130	1	20	ug/L	07.08.2020 12:43	
cis-1,3-Dichloropropene	<0.100	50.0	49.6	99	49.7	99	70-125	0	20	ug/L	07.08.2020 12:43	
trans-1,3-dichloropropene	<0.110	50.0	48.8	98	50.4	101	55-140	3	20	ug/L	07.08.2020 12:43	
Ethylbenzene	<0.190	50.0	47.1	94	46.5	93	75-125	1	20	ug/L	07.08.2020 12:43	
Ethyl Methacrylate	<0.210	50.0	45.8	92	47.5	95	64-130	4	20	ug/L	07.08.2020 12:43	
2-Hexanone	<0.320	100	90.0	90	107	107	55-125	17	20	ug/L	07.08.2020 12:43	
Methylene Chloride	<0.420	50.0	37.1	74	35.2	70	55-140	5	20	ug/L	07.08.2020 12:43	
Iodomethane (Methyl Iodide)	<1.16	50.0	41.8	84	39.4	79	65-130	6	20	ug/L	07.08.2020 12:43	
4-Methyl-2-Pentanone	<0.260	100	88.0	88	89.5	90	60-130	2	20	ug/L	07.08.2020 12:43	
Styrene	<0.180	50.0	42.6	85	43.8	88	65-135	3	20	ug/L	07.08.2020 12:43	
1,1,1,2-Tetrachloroethane	<0.240	50.0	47.2	94	47.6	95	72-125	1	20	ug/L	07.08.2020 12:43	
1,1,2,2-Tetrachloroethane	<0.180	50.0	38.4	77	41.1	82	65-148	7	20	ug/L	07.08.2020 12:43	
Tetrachloroethylene	<0.160	50.0	52.0	104	52.5	105	45-150	1	20	ug/L	07.08.2020 12:43	
Toluene	<0.140	50.0	47.4	95	51.9	104	75-120	9	20	ug/L	07.08.2020 12:43	
1,1,1-Trichloroethane	<0.160	50.0	50.6	101	49.8	100	65-145	2	20	ug/L	07.08.2020 12:43	
1,1,2-Trichloroethane	<0.250	50.0	44.4	89	48.4	97	75-151	9	20	ug/L	07.08.2020 12:43	
Trichloroethene	<0.190	50.0	44.8	90	51.7	103	70-125	14	20	ug/L	07.08.2020 12:43	
Trichlorofluoromethane	<0.530	50.0	57.0	114	52.4	105	60-145	8	20	ug/L	07.08.2020 12:43	
1,2,3-Trichloropropane	<0.210	50.0	43.4	87	46.2	92	75-125	6	20	ug/L	07.08.2020 12:43	
Vinyl Acetate	<0.720	50.0	42.6	85	41.3	83	65-135	3	20	ug/L	07.08.2020 12:43	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Advanced Disposal
Eagle Point Landfill

Analytical Method: Appendix II VOCs by SW-846 8260B

Seq Number: 3131123

Matrix: Water

Prep Method: SW5030B

Date Prep: 07.08.2020

MB Sample Id: 7706892-1-BLK

LCS Sample Id: 7706892-1-BKS

LCSD Sample Id: 7706892-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Vinyl Chloride	<0.190	50.0	56.0	112	49.5	99	50-145	12	20	ug/L	07.08.2020 12:43	
Acetonitrile	<2.07	500	411	82	462	92	40-140	12	20	ug/L	07.08.2020 12:43	
Allyl Chloride (3-Chloropropene)	<0.210	50.0	49.8	100	47.4	95	40-140	5	20	ug/L	07.08.2020 12:43	
Chloroprene	<0.740	50.0	52.7	105	52.1	104	65-135	1	20	ug/L	07.08.2020 12:43	
Isobutanol	<5.00	1000	665	67	786	79	70-130	17	20	ug/L	07.08.2020 12:43	L
Methyl Methacrylate	<0.140	50.0	43.1	86	44.6	89	60-140	3	20	ug/L	07.08.2020 12:43	
Methylacrylonitrile	<1.82	500	406	81	407	81	60-140	0	20	ug/L	07.08.2020 12:43	
Propane Nitrile (Propionitrile)	<1.60	500	380	76	391	78	70-130	3	20	ug/L	07.08.2020 12:43	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	106		102		100		53-159	%	07.08.2020 12:43
Toluene-D8	100		103		102		70-130	%	07.08.2020 12:43
4-Bromofluorobenzene	102		91		100		30-180	%	07.08.2020 12:43

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = $\text{Log}(\text{Sample Duplicate}) - \text{Log}(\text{Original Sample})$

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Form 2 - Surrogate Recoveries

Project Name: Eagle Point Landfill

Report Date: 10142020

Work Orders : 666434

Project ID: 058-012D(SL)

Lab Batch #: 3131099

Sample: 7706907-1-BLK / BLK

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.08.2020 15:17

SURROGATE RECOVERY STUDY

Appendix II Herbicides by SW-846 8151A Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	0.00103	0.00125	82	41-131	

Lab Batch #: 3131099

Sample: 7706907-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.08.2020 15:34

SURROGATE RECOVERY STUDY

Appendix II Herbicides by SW-846 8151A Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	0.00114	0.00125	91	41-131	

Lab Batch #: 3131099

Sample: 7706907-1-BSD / BSD

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.08.2020 15:52

SURROGATE RECOVERY STUDY

Appendix II Herbicides by SW-846 8151A Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	0.00147	0.00125	118	41-131	

Lab Batch #: 3131113

Sample: 7706861-1-BLK / BLK

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 07.08.2020 14:29

SURROGATE RECOVERY STUDY

Appendix II Pesticides by SW-846 8081B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tetrachloro-m-xylene	0.373	0.500	75	18-126	
Decachlorobiphenyl	0.343	0.500	69	15-136	

Lab Batch #: 3131113

Sample: 7706861-1-BKS / BKS

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 07.08.2020 14:43

SURROGATE RECOVERY STUDY

Appendix II Pesticides by SW-846 8081B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Tetrachloro-m-xylene	0.364	0.500	73	18-126	
Decachlorobiphenyl	0.363	0.500	73	15-136	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Eagle Point Landfill

Report Date: 10142020

Work Orders : 666434

Project ID: 058-012D(SL)

Lab Batch #: 3131113

Sample: 7706861-1-BSD / BSD

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 07.08.2020 14:57

SURROGATE RECOVERY STUDY

Appendix II Pesticides by SW-846 8081B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
Tetrachloro-m-xylene	0.337	0.500	67	18-126	
Decachlorobiphenyl	0.321	0.500	64	15-136	

Lab Batch #: 3131123

Sample: 7706892-1-BKS / BKS

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 07.08.2020 12:43

SURROGATE RECOVERY STUDY

Appendix II VOCs by SW-846 8260B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,2-Dichloroethane-D4	51.1	50.0	102	53-159	
Toluene-D8	51.3	50.0	103	70-130	
4-Bromofluorobenzene	45.4	50.0	91	30-180	

Lab Batch #: 3131123

Sample: 7706892-1-BSD / BSD

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 07.08.2020 13:01

SURROGATE RECOVERY STUDY

Appendix II VOCs by SW-846 8260B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,2-Dichloroethane-D4	50.1	50.0	100	53-159	
Toluene-D8	50.9	50.0	102	70-130	
4-Bromofluorobenzene	49.9	50.0	100	30-180	

Lab Batch #: 3131123

Sample: 7706892-1-BLK / BLK

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 07.08.2020 13:56

SURROGATE RECOVERY STUDY

Appendix II VOCs by SW-846 8260B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,2-Dichloroethane-D4	53.1	50.0	106	53-159	
Toluene-D8	50.2	50.0	100	70-130	
4-Bromofluorobenzene	51.2	50.0	102	30-180	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Eagle Point Landfill

Report Date: 10142020

Work Orders : 666434

Project ID: 058-012D(SL)

Lab Batch #: 3131156

Sample: 7706897-1-BLK / BLK

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 07.08.2020 12:38

SURROGATE RECOVERY STUDY

EDB Appendix II by EPA 8011 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	21.5	17.5	123	60-140	

Lab Batch #: 3131156

Sample: 7706897-1-BKS / BKS

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 07.08.2020 12:51

SURROGATE RECOVERY STUDY

EDB Appendix II by EPA 8011 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	17.8	17.5	102	60-140	

Lab Batch #: 3131156

Sample: 7706897-1-BSD / BSD

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 07.08.2020 13:04

SURROGATE RECOVERY STUDY

EDB Appendix II by EPA 8011 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	17.0	17.5	97	60-140	

Lab Batch #: 3131156

Sample: 666064-001 S / MS

Batch: 1 Matrix: Ground Water

Units: ug/L

Date Analyzed: 07.08.2020 13:37

SURROGATE RECOVERY STUDY

EDB Appendix II by EPA 8011 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	14.8	17.5	85	60-140	

Lab Batch #: 3136920

Sample: 7710993-1-BLK / BLK

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 09.09.2020 12:55

SURROGATE RECOVERY STUDY

EDB Appendix II by EPA 8011 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	14.7	17.5	84	60-140	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Eagle Point Landfill

Report Date: 10142020

Work Orders : 666434

Project ID: 058-012D(SL)

Lab Batch #: 3136920

Sample: 7710993-1-BKS / BKS

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 09.09.2020 13:08

SURROGATE RECOVERY STUDY

EDB Appendix II by EPA 8011 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	16.0	17.5	91	60-140	

Lab Batch #: 3136920

Sample: 7710993-1-BSD / BSD

Batch: 1 Matrix: Water

Units: ug/L

Date Analyzed: 09.09.2020 13:21

SURROGATE RECOVERY STUDY

EDB Appendix II by EPA 8011 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	16.8	17.5	96	60-140	

Lab Batch #: 3136920

Sample: 671726-001 S / MS

Batch: 1 Matrix: Ground Water

Units: ug/L

Date Analyzed: 09.09.2020 14:01

SURROGATE RECOVERY STUDY

EDB Appendix II by EPA 8011 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	17.9	17.5	102	60-140	

Lab Batch #: 3131239

Sample: 7706864-1-BLK / BLK

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.09.2020 10:40

SURROGATE RECOVERY STUDY

PCBs by SW-846 8082A Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.000488	0.000500	98	27-123	
Tetrachloro-m-xylene	0.000414	0.000500	83	18-116	

Lab Batch #: 3131239

Sample: 7706864-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.09.2020 10:51

SURROGATE RECOVERY STUDY

PCBs by SW-846 8082A Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.000446	0.000500	89	27-123	
Tetrachloro-m-xylene	0.000367	0.000500	73	18-116	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Eagle Point Landfill

Report Date: 10142020

Work Orders : 666434

Project ID: 058-012D(SL)

Lab Batch #: 3131239

Sample: 7706864-1-BSD / BSD

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.09.2020 11:03

SURROGATE RECOVERY STUDY

PCBs by SW-846 8082A Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.000407	0.000500	81	27-123	
Tetrachloro-m-xylene	0.000351	0.000500	70	18-116	

Lab Batch #: 3131569

Sample: 7707128-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.13.2020 18:44

SURROGATE RECOVERY STUDY

SVOCs by SW846 8270D Appendix2 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorophenol	33.1	50.0	66	28-114	
Phenol-d6	24.4	50.0	49	23-117	
Nitrobenzene-d5	42.3	50.0	85	26-110	
2-Fluorobiphenyl	42.9	50.0	86	29-112	
2,4,6-Tribromophenol	46.3	50.0	93	31-132	
Terphenyl-D14	43.6	50.0	87	20-141	

Lab Batch #: 3131569

Sample: 7707128-1-BSD / BSD

Batch: 1 Matrix: Water

Units: mg/L

Date Analyzed: 07.13.2020 19:05

SURROGATE RECOVERY STUDY

SVOCs by SW846 8270D Appendix2 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorophenol	33.6	50.0	67	28-114	
Phenol-d6	25.1	50.0	50	23-117	
Nitrobenzene-d5	42.6	50.0	85	26-110	
2-Fluorobiphenyl	42.1	50.0	84	29-112	
2,4,6-Tribromophenol	47.3	50.0	95	31-132	
Terphenyl-D14	43.5	50.0	87	20-141	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Eagle Point Landfill

Report Date: 10142020

Work Orders : 666434

Project ID: 058-012D(SL)

Lab Batch #: 3131569

Sample: 7707128-1-BLK / BLK

Batch: 1 **Matrix:** Water

Units: mg/L

Date Analyzed: 07.13.2020 19:25

SURROGATE RECOVERY STUDY

SVOCs by SW846 8270D Appendix2	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
2-Fluorophenol	27.7	50.0	55	28-114	
Phenol-d6	20.6	50.0	41	23-117	
Nitrobenzene-d5	41.8	50.0	84	26-110	
2-Fluorobiphenyl	38.7	50.0	77	29-112	
2,4,6-Tribromophenol	42.6	50.0	85	31-132	
Terphenyl-D14	42.7	50.0	85	20-141	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Inter-Office Shipment

IOS Number : 66669

Date/Time: 07.07.2020

Created by: John Andros

Please send report to: John Andros

Lab# From: **Atlanta**

Delivery Priority:

Address: 1600 Oakbrook Dr., Suite 565, Norcross, GA 30093


Lab# To: **Tampa**

Air Bill No.: 770893185923

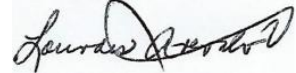
E-Mail: john.andros@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
666434-001	W	GWA-1	07.06.2020 16:01	SW8270D_APP_II	SVOCs by SW846 8270D Appendix2	07.15.2020	07.13.2020 16:01	JNA	22DCISOPRE ACNP ACI	
666434-001	W	GWA-1	07.06.2020 16:01	SW8260B_APP_II	Appendix II VOCs by SW-846 8260B	07.15.2020	07.20.2020	JNA	ACE ACRL ACRN BDCI	
666434-002	W	GWA-2	07.06.2020 12:07	SW8260B_APP_II	Appendix II VOCs by SW-846 8260B	07.15.2020	07.20.2020	JNA	ACE ACRL ACRN BDCI	
666434-002	W	GWA-2	07.06.2020 12:07	SW8270D_APP_II	SVOCs by SW846 8270D Appendix2	07.15.2020	07.13.2020 12:07	JNA	22DCISOPRE ACNP ACI	
666434-003	W	GWC-12R	07.06.2020 10:39	SW8260B_APP_II	Appendix II VOCs by SW-846 8260B	07.15.2020	07.20.2020	JNA	ACE ACRL ACRN BDCI	
666434-003	W	GWC-12R	07.06.2020 10:39	SW8270D_APP_II	SVOCs by SW846 8270D Appendix2	07.15.2020	07.13.2020 10:39	JNA	22DCISOPRE ACNP ACI	

Inter Office Shipment or Sample Comments:

Relinquished By: 
 John Andros

Date Relinquished: 07.07.2020

Received By: 
 Lourdes Arevalo

Date Received: 07.08.2020

Cooler Temperature: 4.0

Inter-Office Shipment

IOS Number : 66670

Date/Time: 07.07.2020

Created by: John Andros

Please send report to: John Andros

Lab# From: Atlanta

Delivery Priority:

Address: 1600 Oakbrook Dr., Suite 565, Norcross, GA 30094

Lab# To: Houston

Air Bill No.: 770892991898

E-Mail: john.andros@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
666434-001	W	GWA-1	07.06.2020 16:01	SW7470A	Mercury by SW-846 7470A	07.15.2020	08.03.2020	JNA	HG	
666434-001	W	GWA-1	07.06.2020 16:01	SW8011_APPII	EDB Appendix II by EPA 8011	07.15.2020	07.20.2020	JNA	DBCP EDB	
666434-001	W	GWA-1	07.06.2020 16:01	E335.4	Total Cyanide by EPA 335.4	07.15.2020	07.20.2020	JNA	CN	
666434-001	W	GWA-1	07.06.2020 16:01	SW8151A_APP_II	Appendix II Herbicides by SW-846 8151	07.15.2020	07.13.2020 16:01	JNA		
666434-001	W	GWA-1	07.06.2020 16:01	SW8082A	PCBs by SW-846 8082A	07.15.2020	07.13.2020 16:01	JNA	PCB1016 PCB1221 PCB1	
666434-001	W	GWA-1	07.06.2020 16:01	SW6020_APP_II	Appendix II Metals by SW-846 6020A	07.15.2020	01.02.2021	JNA	AG AS BA BE CD CO CI	
666434-001	W	GWA-1	07.06.2020 16:01	SW8081B_APP_II	Appendix II Pesticides by SW-846 8081	07.15.2020	07.13.2020 16:01	JNA	ALDRIN BHCALPHA BI	
666434-001	W	GWA-1	07.06.2020 16:01	SM4500SF00	Sulfide by SM4500-S-F	07.15.2020	07.13.2020 16:01	JNA	S	
666434-002	W	GWA-2	07.06.2020 12:07	SW8151A_APP_II	Appendix II Herbicides by SW-846 8151	07.15.2020	07.13.2020 12:07	JNA		
666434-002	W	GWA-2	07.06.2020 12:07	SW8081B_APP_II	Appendix II Pesticides by SW-846 8081	07.15.2020	07.13.2020 12:07	JNA	ALDRIN BHCALPHA BI	
666434-002	W	GWA-2	07.06.2020 12:07	SW8011_APPII	EDB Appendix II by EPA 8011	07.15.2020	07.20.2020	JNA	DBCP EDB	
666434-002	W	GWA-2	07.06.2020 12:07	SW8082A	PCBs by SW-846 8082A	07.15.2020	07.13.2020 12:07	JNA	PCB1016 PCB1221 PCB1	
666434-002	W	GWA-2	07.06.2020 12:07	SW7470A	Mercury by SW-846 7470A	07.15.2020	08.03.2020	JNA	HG	
666434-002	W	GWA-2	07.06.2020 12:07	SW6020_APP_II	Appendix II Metals by SW-846 6020A	07.15.2020	01.02.2021	JNA	AG AS BA BE CD CO CI	
666434-002	W	GWA-2	07.06.2020 12:07	E335.4	Total Cyanide by EPA 335.4	07.15.2020	07.20.2020	JNA	CN	
666434-002	W	GWA-2	07.06.2020 12:07	SM4500SF00	Sulfide by SM4500-S-F	07.15.2020	07.13.2020 12:07	JNA	S	
666434-003	W	GWC-12R	07.06.2020 10:39	E335.4	Total Cyanide by EPA 335.4	07.15.2020	07.20.2020	JNA	CN	
666434-003	W	GWC-12R	07.06.2020 10:39	SW6020_APP_II	Appendix II Metals by SW-846 6020A	07.15.2020	01.02.2021	JNA	AG AS BA BE CD CO CI	
666434-003	W	GWC-12R	07.06.2020 10:39	SW8082A	PCBs by SW-846 8082A	07.15.2020	07.13.2020 10:39	JNA	PCB1016 PCB1221 PCB1	
666434-003	W	GWC-12R	07.06.2020 10:39	SW8081B_APP_II	Appendix II Pesticides by SW-846 8081	07.15.2020	07.13.2020 10:39	JNA	ALDRIN BHCALPHA BI	
666434-003	W	GWC-12R	07.06.2020 10:39	SM4500SF00	Sulfide by SM4500-S-F	07.15.2020	07.13.2020 10:39	JNA	S	
666434-003	W	GWC-12R	07.06.2020 10:39	SW7470A	Mercury by SW-846 7470A	07.15.2020	08.03.2020	JNA	HG	
666434-003	W	GWC-12R	07.06.2020 10:39	SW8151A_APP_II	Appendix II Herbicides by SW-846 8151	07.15.2020	07.13.2020 10:39	JNA		
666434-003	W	GWC-12R	07.06.2020 10:39	SW8011_APPII	EDB Appendix II by EPA 8011	07.15.2020	07.20.2020	JNA	DBCP EDB	

Inter-Office Shipment

IOS Number : 66670

Date/Time: 07.07.2020

Created by: John Andros

Please send report to: John Andros

Lab# From: **Atlanta**

Delivery Priority:

Address: 1600 Oakbrook Dr., Suite 565, Norcross, GA 30092

Lab# To: **Houston**

Air Bill No.: 770892991898

E-Mail: john.andros@xenco.com

Inter Office Shipment or Sample Comments:

Relinquished By:



John Andros

Date Relinquished: 07.07.2020

Received By:



Jhyrom Edralin

Date Received: 07.08.2020

Cooler Temperature: 1.5


Inter-Office Shipment

IOS Number : 66900

Date/Time: 07.10.2020	Created by: Lourdes Arevalo	Please send report to: John Andros
Lab# From: Atlanta	Delivery Priority:	Address: 1600 Oakbrook Dr., Suite 565, Norcross, GA 30094
Lab# To: Houston	Air Bill No.: 7709 2736 6204	E-Mail: john.andros@xenco.com


Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
666434-001	W	GWA-1	07.06.2020 16:01	SW8270D_APP_II	SVOCs by SW846 8270D Appendix2	07.15.2020	07.13.2020 16:01	JNA	22DCISOPRE ACNP ACI	
666434-002	W	GWA-2	07.06.2020 12:07	SW8270D_APP_II	SVOCs by SW846 8270D Appendix2	07.15.2020	07.13.2020 12:07	JNA	22DCISOPRE ACNP ACI	
666434-003	W	GWC-12R	07.06.2020 10:39	SW8270D_APP_II	SVOCs by SW846 8270D Appendix2	07.15.2020	07.13.2020 10:39	JNA	22DCISOPRE ACNP ACI	

Inter Office Shipment or Sample Comments:

Relinquished By: 

 Lourdes Arevalo

Date Relinquished: 07.10.2020

Received By: 

 Lesia Minor

Date Received: 07.11.2020

Cooler Temperature: 4.2



Inter Office Report- Sample Receipt Checklist

Sent To: Tampa

IOS #: 66669

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : T-111

Sent By: John Andros

Date Sent: 07.07.2020 11.51 AM

Received By: Lourdes Arevalo

Date Received: 07.08.2020 09.29 AM

Sample Receipt Checklist

Comments

- #1 *Temperature of cooler(s)? 4
- #2 *Shipping container in good condition? Yes
- #3 *Samples received with appropriate temperature? Yes
- #4 *Custody Seals intact on shipping container/ cooler? N/A
- #5 *Custody Seals Signed and dated for Containers/coolers Yes
- #6 *IOS present? Yes
- #7 Any missing/extra samples? No
- #8 IOS agrees with sample label(s)/matrix? Yes
- #9 Sample matrix/ properties agree with IOS? Yes
- #10 Samples in proper container/ bottle? Yes
- #11 Samples properly preserved? Yes
- #12 Sample container(s) intact? Yes
- #13 Sufficient sample amount for indicated test(s)? Yes
- #14 All samples received within hold time? Yes

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact: _____ Contacted by : _____ Date: _____

Checklist reviewed by:

Lourdes Arevalo

Date: 07.08.2020



Inter Office Report- Sample Receipt Checklist

Sent To: Houston

IOS #: 66670

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : hou-068

Sent By: John Andros

Date Sent: 07.07.2020 11.51 AM

Received By: Jhyrom Edralin

Date Received: 07.08.2020 09.30 AM

Sample Receipt Checklist

Comments

- #1 *Temperature of cooler(s)? 1.5
- #2 *Shipping container in good condition? Yes
- #3 *Samples received with appropriate temperature? Yes
- #4 *Custody Seals intact on shipping container/ cooler? N/A
- #5 *Custody Seals Signed and dated for Containers/coolers N/A
- #6 *IOS present? Yes
- #7 Any missing/extra samples? No
- #8 IOS agrees with sample label(s)/matrix? Yes
- #9 Sample matrix/ properties agree with IOS? Yes
- #10 Samples in proper container/ bottle? Yes
- #11 Samples properly preserved? Yes
- #12 Sample container(s) intact? Yes
- #13 Sufficient sample amount for indicated test(s)? Yes
- #14 All samples received within hold time? Yes

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact: _____ Contacted by : _____ Date: _____

Checklist reviewed by:

Jhyrom Edralin

Date: 07.08.2020



Inter Office Report- Sample Receipt Checklist

Sent To: Houston

IOS #: 66900

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : HOU-068

Sent By: Lourdes Arevalo

Date Sent: 07.10.2020 02.07 PM

Received By: Lesia Minor

Date Received: 07.11.2020 09.45 AM

Sample Receipt Checklist

Comments

- #1 *Temperature of cooler(s)? 4.2
- #2 *Shipping container in good condition? Yes
- #3 *Samples received with appropriate temperature? Yes
- #4 *Custody Seals intact on shipping container/ cooler? No
- #5 *Custody Seals Signed and dated for Containers/coolers No
- #6 *IOS present? Yes
- #7 Any missing/extra samples? No
- #8 IOS agrees with sample label(s)/matrix? Yes
- #9 Sample matrix/ properties agree with IOS? Yes
- #10 Samples in proper container/ bottle? Yes
- #11 Samples properly preserved? Yes
- #12 Sample container(s) intact? Yes
- #13 Sufficient sample amount for indicated test(s)? Yes
- #14 All samples received within hold time? Yes

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact: _____ Contacted by : _____ Date: _____

Checklist reviewed by:

Lesia Minor

Date: 07.11.2020

Eurofins Xenco, LLC
Prelogin/Nonconformance Report- Sample Log-In

Client: Advanced Disposal

Date/ Time Received: 07.07.2020 10.34.00 AM

Work Order #: 666434

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : ATL-123

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	1.8
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6*Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	Yes
#18 Water VOC samples have zero headspace?	Yes

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: MCM

PH Device/Lot#: 017317-003

Checklist completed by:  Date: 07.07.2020
John Andros

Checklist reviewed by:  Date: 07.07.2020
John Andros

APPENDIX B
Summary Tables of Groundwater Analytical Results

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

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)	-	-	-	5.99	6.2	6.69	5.84	5.78	5.55	5.88	6.06	6.76	7.01	5.55	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Specific Conductance	uS/cm (on-site)	-	-	-	16.19	19	41	15	21	25	28	68	14	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Temperature	°C (on-site)	-	-	-	16.4	17	18	15.7	16	15.7	15.3	18.1	16.5	17.3	17.9	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Turbidity	NTU (on-site)	0.1	-	-	24	40	367	306	102	456	92	54	62	687	94	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	
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	
Total Barium (Ba)	(µg/l)	20	20	2000	20	20	120	130	30	80	50	40	20	170	20	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	
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	
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	30	10	ND	30	ND	ND	ND	40	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	40	ND	ND	70	ND	ND	ND	50	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	
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	
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	
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	30	20	ND	60	ND	ND	ND	80	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Zinc (Zn)	(µg/l)	20	20	NE	80	40	80	70	50	110	30	40	40	160	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
trans-1,4-Dichloro-2butene	(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		
1,1-Dichloroethane	(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		
1,2-Dichloroethane	(µg/l)																																									

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #5 (2-28-03)

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)	-	-	-	5.49	5.67	6.33	6.13	5.47	5.26	5.29	5.93	6.7	6.44	4.53	4.75	5.19	5.07	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)	-	-	-	14	18	47	27	26	129	108	35	65	62	25	33	32	18	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Temperature	°C (on-site)	-	-	-	11.5	11.1	11	12.2	13.9	11.4	10.2	10.3	11.8	13.5	12	11.1	12.9	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	
Turbidity	NTU (on-site)	0.1	-	-	406	553	387	764	194	218	115	65	9.94	293	144	166	48	95	NP	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	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Arsenic (As)	(µg/l)	50	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Barium (Ba)	(µg/l)	20	20	2000	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	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	NP	NP	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	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Chromium (Cr)	(µg/l)	10	10	100	10	30	20	50	ND	20	ND	ND	ND	20	ND	10	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Copper (Cu)	(µg/l)	20	60	1300	20	30	20	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	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	20	ND	ND	30	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	NP	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	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Vanadium (V)	(µg/l)	20	20	NE	30	70	30	70	ND	20	20	ND	ND	20	ND	20	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Zinc (Zn)	(µg/l)	20	20	NE	150	70	90	150	110	90	50	120	80	190	70	110	80	180	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	NP	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	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromofom *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	NP	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	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		
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND																																						

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #10 (7-22-05)

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)	-	-	-	6.84	6.01	6.02	5.65	5.49	5.17	6	6.41	6.61	5.56	5.78	5.87	5.95	6.71	6.22	NP	5.85	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Specific Conductance	uS/cm (on-site)	-	-	-	19	27	72	16	16	24	37	32	56	49	12	15	24	29	24	21	NP	17	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Temperature	°C (on-site)	-	-	-	17.7	17.8	21	19.5	18.3	18.1	18.8	20.1	19.2	21.3	23.6	24.2	20.6	16.1	19.9	17.5	NP	24.7	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	-	-	17	107	5.2	27	9.59	44	35	8.12	1.45	20	53	7.93	474	6.25	4.21	295	NP	29	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	NP	ND	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	ND	ND	ND	ND	ND	NP	ND	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	30	ND	40	ND	ND	30	20	ND	30	ND	ND	260	ND	ND	90	NP	60	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	ND	3	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	ND	ND	ND	30	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ND	ND	ND	NP	ND	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	ND	ND	ND	40	40	ND	ND	ND	50	30	180	30	50	NP	20	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	NP	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	ND	NP	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	ND	NP	ND	NP	NP	NP	NP																	

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

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	FIELD BLANK				
pH	pH units (on-site)	-	-	-	6.96	6.36	6.19	5.79	5.57	5.6	4.97	5.84	7.3	6.27	4.96	4.87	5.76	5.68	6.29	6.53	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Specific Conductance	uS/cm (on-site)	-	-	-	22	59	39	45	19	59	55	81	166	103	28	41	60	41	113	56	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Temperature	°C (on-site)	-	-	-	12.5	14.5	10	12	8.3	11.5	13	14.7	11.7	15.5	15.7	15.2	14.7	14	12.9	12.5	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Turbidity	NTU (on-site)	0.1	-	-	15	25	39	68	39	76	65	4.8	25	26	58	4.8	5.57	3.7	28	42	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Arsenic (As)	(µg/l)	50	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	20	60	ND	30	40	40	40	40	30	20	30	ND	ND	40	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	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	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Lead (Pb)	(µg/l)	15	15	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	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	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	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromofom *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,2-Dichloroethane	(µg/l)	2	2	5	ND																																				

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 #23 (1-5-12)

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-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)	-	-	-	4.34	4.74	5.54	4.97	4.31	4.81	4.65	5.41	6.39	6.34	4.51	Dry	Dry	4.89	6.52	5.99	NP	5.53	6.03	5.74	Dry	7.27	7.11	6.22	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP					
Specific Conductance	uS/cm (on-site)	-	-	-	9	18	28	15	15	24	37	94	105	88	109	Dry	Dry	23	149	68	NP	13	41	40	Dry	63	156	57	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Temperature	°C (on-site)	-	-	-	13.8	15.1	14	14.5	14	14.4	15.7	16.4	16.2	17	19.5	Dry	Dry	15.3	15.7	15.2	NP	13.2	15.5	14.8	Dry	11.6	13	13	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Turbidity	NTU (on-site)	0.1	-	-	80	0	10	25	7	3	0	0	5	0	7	Dry	Dry	41	191	0	NP	321	170	26	Dry	116	8	119	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	Dry	ND	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 Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Barium (Ba)	(µg/l)	20	20	2000	22.6	ND	ND	24.1	22.8	21	36.6	69.1	ND	28.3	65.9	Dry	Dry	33	104	22	NP	53.5	61.6	36.1	Dry	23.5	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	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	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	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	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	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	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	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	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	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	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	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	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	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	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	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	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	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	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	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	Dry	Dry	ND	ND	ND	NP	ND	24.2	ND	Dry	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	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	NP	23.5	NP	ND	27.8	ND	Dry	ND	ND	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	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	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	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	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	Dry	Dry	ND	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	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	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	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	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	Dry	ND	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 Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	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	Dry	ND	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	Dry	ND	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	Dry	ND	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	Dry	ND	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	Dry	ND	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	Dry	ND	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	Dry	ND	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	Dry	ND	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	Dry	ND	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	Dry	ND	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	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP</														

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #29 (1-28-15)

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-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)	-	-	-	4.42	4.67	5.68	5.05	4.56	4.86	4.74	5.34	6.36	6.07	3.93	4.03	5.33	4.61	5.62	5.83	5.89	4.64	4.89	5.07	4.18	5.88	7.26	4.83	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT					
Specific Conductance	uS/cm (on-site)	-	-	-	12	25	39	21	19	28	52	81	99	83	118	102	41	33	192	117	280	32	47	57	16	49	145	28	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT				
Temperature	°C (on-site)	-	-	-	14.3	14.1	13.6	14	14	13.2	14.1	16.8	16.5	15	16.4	15	15.8	15.3	13.7	11.1	15.2	14.2	12	13.8	14	13.6	13.1	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT				
Turbidity	NTU (on-site)	0.1	-	-	8	6	9	8	8	6	4	3	9	4	0	0	5	1	6	1	0	0	9	8	9	9	6	0	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT				
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT				
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	NT			
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	ND	20	24.9	ND	35.5	69.6	21.1	28.8	62.4	115	26.2	27.2	33.4	28.4	61.6	59.7	28.2	42.8	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT			
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	NT			
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	NT			
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	NT			
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT		
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	NT		
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	NT		
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	NT		
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT			
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	NT			
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	NT			
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	NT		
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT		
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	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	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND		
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	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	ND	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	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND		
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND		
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	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	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	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	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	ND	
1,1-Dichloroethane	(µg/l)	2																																										

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #38 (7-18-19)

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-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)	-	-	-	4.34	4.58	5.49	5.61	4.56	5.01	4.17	5.51	6.27	5.92	4.57	4.06	5.08	4.56	5.48	5.24	5.5	4.45	4.77	5.08	5	5.43	6.89	4.74	NP	NP	5.32	4.97	4.82	5.1	5.71	5.13	NT				
Specific Conductance	uS/cm (on-site)	-	-	-	11	24	32	17	17	33	44	70	82	72	83	326	48	256	507	77	160	39	127	74	22	40	151	33	NP	NP	32	37	66	22	40	21	NT				
Temperature	°C (on-site)	-	-	-	17.7	17.4	19.2	18.5	16.2	18	17.7	19.5	20	20.9	18.6	18.9	18.7	18.5	18.7	16.8	24.4	19.7	17.2	17.5	19.1	16.8	17.8	17.9	NP	NP	16.8	17	18.3	16.5	16.8	17.3	NT				
Turbidity	NTU (on-site)	0.1	-	-	8	4	7	10	2	1	2	1	10	3	1	1	2	4	1	3	1	4	69	2	1	4	7	1	NP	NP	2	10	10	1	1	1	NT				
Total Antimony (Sb)	(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	ND	ND	ND	ND	ND	ND	ND	ND			
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND			
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	ND	ND	ND	25	40	73	20	30	63	350	36	250	70	27	45	100	110	32	26	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170	ND	57	73	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	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	NP	NP	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	NP	NP	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	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	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	17	ND	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	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	NP	NP	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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	59	ND	ND	ND	23	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND	23	ND	
Acetone	(µg/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND	ND	ND	ND	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	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	NP	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	ND	ND	ND	ND</									

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #40 (7-9-20)

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10D	GWC-11	GWC-12R	GWC-13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	FIELD	BLANK					
pH	pH units (on-site)	-	-	-	5.21	5.52	5.7	5.41	5.17	5.19	4.96	5.3	6.69	6.36	4.72	4.14	5.4	4.68	5.54	5.97	6.23	5.29	5.35	5.37	5.25	6.58	6.48	5.43	5.82	6.38	5.81	5.4	5.43	5.69	5.85	5.88	NT						
Specific Conductance	uS/cm (on-site)	-	-	-	10	22	30	16	29	32	43	62	87	77	89	326	66	569	521	95	141	60	118	83	24	37	128	50	45	27	35	74	22	39	24	21	24	NT					
Temperature	°C (on-site)	-	-	-	18.2	17.4	17.5	18.3	16.6	18.5	18.8	21.6	19	19.5	18.1	20	18.1	18.8	18.2	16.5	23.3	19.1	17.7	18.9	17.6	20.2	17.4	17.4	19.3	15.8	17.2	19.9	17	17.3	17.6	21	21	NT					
Turbidity	NTU (on-site)	0.1	-	-	5	2	2	10	3	1	1	4	9	5	2	2	1	10	4	2	1	5	10	5	5	6	2	1	2	36	3	10	6	4	2	3	3	NT					
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Total Barium (Ba)	(µg/l)	20	20	2000	ND	ND	ND	ND	ND	23.1	32.7	66.3	ND	28.7	59.4	308	46.3	499	78.2	23.6	38.7	116	ND	28.2	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	118	ND	114	86.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.4	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
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	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	ND	
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	22.6	ND	ND	ND	ND	ND	ND	ND	106	ND	86.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	57.8	ND	ND	ND	23.7	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	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	ND	
Benzene	(µg/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.57	3.15	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	
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	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	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	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	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	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	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	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	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	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	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	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	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	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	ND	ND	
trans-1,4-Dichloro-2butene	(µg/l)	5	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,1-Dichloroethane	(µg/l)	2	2	NE</																																							

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; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #22 (7-5-11)**

TEST	UNITS	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; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

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

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.29	5.84	5.82	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	236	123	84	NP	NT
Temperature	°C (on-site)	-	-	-	13.8	18.4	13.6	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	0	0	0	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	30.7	66.3	14.6	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	44.6	46.7	20.8	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

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

TEST	UNITS	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; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6
11. SWC-6 was re-sampled on 1/23/18 for cis-1,2-DCE

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #36 (7-26-18)**

TEST	UNITS	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; 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
pH	pH Units	-	<6.0; >8.5	6.42	NP	NP	NP	6.37	NP	NP	6.18
Specific Conductance	µS/cm	-	NE	20	NP	NP	NP	17	NP	NP	24
Temperature	C	-	32.2	22.1	NP	NP	NP	22.5	NP	NP	20.3
Turbidity	NTU	-	NE	22	NP	NP	NP	11	NP	NP	10
Dissolved Oxygen (DO)	mg/l	-	<5	5.28	NP	NP	NP	5.61	NP	NP	NT
Chloride (Cl)	mg/l	1	NE	1.6	NP	NP	NP	1.5	NP	NP	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	9	NP	NP	NP	ND	NP	NP	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	ND	NP	NP	NT
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NP	NP	NP	10	NP	NP	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NP	NP	NP	ND	NP	NP	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	NT	NP	NP	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	NT	NP	NP	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	20
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	NT	NP	NP	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	30
Acetone	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	NT	NP	NP	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	8
Toluene	µg/l	2	200,000	NT	NP	NP	NP	NT	NP	NP	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	NT	NP	NP	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	NT	NP	NP	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #7 (1-6-04)

Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12
pH	pH Units	-	<6.0; >8.5	6.99	NP	NP	NP	6.85	NP	NP	6.62
Specific Conductance	µS/cm	-	NE	13	NP	NP	NP	18	NP	NP	14
Temperature	C	-	32.2	1	NP	NP	NP	10.4	NP	NP	12.7
Turbidity	NTU	-	NE	7.76	NP	NP	NP	8.21	NP	NP	124
Dissolved Oxygen (DO)	mg/l	-	<5	8.5	NP	NP	NP	7.94	NP	NP	NT
Chloride (Cl)	mg/l	1	NE	1.5	NP	NP	NP	1.9	NP	NP	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	NP	NP	NP	ND	NP	NP	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	ND	NP	NP	NT
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Barium (Ba)	µg/l	10	NE	10	NP	NP	NP	20	NP	NP	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	ND	NP	NP	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NP	NP	NP	40	NP	NP	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	NT	NP	NP	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	NT	NP	NP	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	80
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	10
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	NP	NP	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	NT	NP	NP	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	30
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	110
Acetone	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	NT	NP	NP	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND
Toluene	µg/l	2	200,000	NT	NP	NP	NP	NT	NP	NP	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	NT	NP	NP	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	NT	NP	NP	ND

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; GEPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #8 (7-7-04)
Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.15	NP	NP	NP	7.04	NP	NP	5.99	6.82
Specific Conductance	µS/cm	-	NE	24	NP	NP	NP	24	NP	NP	47	59
Temperature	C	-	32.2	24.3	NP	NP	NP	24.1	NP	NP	18.2	19.6
Turbidity	NTU	-	NE	21	NP	NP	NP	21	NP	NP	10	12
Dissolved Oxygen (DO)	mg/l	-	<5	7.93	NP	NP	NP	8.17	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.3	NP	NP	NP	2	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	NP	NP	NP	8	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NP	NP	NP	1	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NP	NP	NP	10	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NP	NP	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	30	ND
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	NP	NP	ND	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	NP	NP	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #9 (1-12-05) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.54	6.55	6.73	NP	6.64	NP	NP	5.93	6.23
Specific Conductance	µS/cm	-	NE	25	177	111	NP	31	NP	NP	54	29
Temperature	C	-	32.2	11.5	12.9	13.3	NP	14.1	NP	NP	13	12.9
Turbidity	NTU	-	NE	5.14	7.01	4.96	NP	8.33	NP	NP	23	9.13
Dissolved Oxygen (DO)	mg/l	-	<5	6.5	NT	NT	NP	5.79	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.2	NT	NT	NP	2.2	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	7	NT	NT	NP	7	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	1	NT	NT	NP	1	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NT	NT	NP	20	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	20	ND	NP	NT	NP	NP	30	ND
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	ND	ND	NP	ND	NP	NP	ND	ND
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #10 (7-21-05) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.66	6.73	6.71	NP	6.77	NP	NP	6.02	6.84
Specific Conductance	µS/cm	-	NE	29	177	176	NP	64	NP	NP	64	39
Temperature	C	-	32.2	22.5	27.3	27.7	NP	22.2	NP	NP	18.8	21.6
Turbidity	NTU	-	NE	61	11	11	NP	145	NP	NP	15	6.7
Dissolved Oxygen (DO)	mg/l	-	<5	4.44	NT	NT	NP	3.62	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.2	NT	NT	NP	1.6	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	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	30	NP	NT	NP	NP	NP	20	ND
Total Beryllium (Be)	µg/l	3	NE NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	NT	NT	NP	ND	NP	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE ND	ND	ND	NP	NT	NP	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	ND	NP	NT	NP	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	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
Acetone	µg/l	100	NE NT	ND	ND	NP	NT	NP	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	NP	ND	ND
Carbon Disulfide	µg/l	5	NE NT	ND	ND	NP	NT	NP	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	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #11a (1-18-06) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	9.14	7.51	6.53	NP	6.6	NP	NP	4.41	6.64
Specific Conductance	µS/cm	-	NE	38	301	65	NP	30	NP	NP	13.5	32
Temperature	C	-	32.2	7.7	6	5.7	NP	6.4	NP	NP	8.8	5.6
Turbidity	NTU	-	NE	149	57	36	NP	140	NP	NP	30	19
Dissolved Oxygen (DO)	mg/l	-	<5	6.69	NT	NT	NP	6.53	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.7	NT	NT	NP	1.5	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	33	NT	NT	NP	50	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	2	NT	NT	NP	3	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE	10	NT	NT	NP	20	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	370	NT	NT	NP	50	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	40	ND	NP	NT	NP	NP	80	ND
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	60	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #11b (4-26-06) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	NS	NS	NS	NP	NS	NP	NP	NS	NS
Specific Conductance	µS/cm	-	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Temperature	C	-	32.2	NS	NS	NS	NP	NS	NP	NP	NS	NS
Turbidity	NTU	-	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Oxygen (DO)	mg/l	-	<5	NS	NS	NS	NP	NS	NP	NP	NS	NS
Chloride (Cl)	mg/l	1	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Chemical Oxygen Demand (COD)	mg/l	5	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Cyanide	mg/l	0.02	0.0052	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Organic Carbon (TOC)	mg/l	1	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Arsenic (As)	µg/l	10	150	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Barium (Ba)	µg/l	10	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Cadmium (Cd)	µg/l	3	1.3	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Chromium (Cr)	µg/l	5	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Lead (Pb)	µg/l	15	1.2	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Nickel (Ni)	µg/l	5	29	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Silver (Ag)	µg/l	7	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Dissolved Zinc (Zn)	µg/l	10	65	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Antimony (Sb)	µg/l	6	4300	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Arsenic (As)	µg/l	50	50	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Barium (Ba)	µg/l	20	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Beryllium (Be)	µg/l	3	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Cadmium (Cd)	µg/l	5	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Chromium (Cr)	µg/l	10	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Cobalt (Co)	µg/l	40	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Copper (Cu)	µg/l	20	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Lead (Pb)	µg/l	15	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Nickel (Ni)	µg/l	20	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Mercury (Hg)	µg/l	0.5	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Selenium (Se)	µg/l	10	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Silver (Ag)	µg/l	10	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Thallium (Tl)	µg/l	2	6.3	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Vanadium (V)	µg/l	20	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Total Zinc (Zn)	µg/l	20	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Acetone	µg/l	100	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Benzene	µg/l	2	71	NS	NS	NS	NP	NS	NP	NP	NS	NS
2-Butanone (MEK)	µg/l	100	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Carbon Disulfide	µg/l	5	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Toluene	µg/l	2	200,000	NS	NS	NS	NP	NS	NP	NP	NS	NS
cis-1,2 Dichloroethene	µg/l	2	NE	NS	NS	NS	NP	NS	NP	NP	NS	NS
Other Appendix I VOCs	µg/l	-	-	NS	NS	NS	NP	NS	NP	NP	NS	NS

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; GEPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #12 (7-6-06) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.48	Dry	Dry	NP	8.94	NP	NP	Dry	Dry
Specific Conductance	µS/cm	-	NE	16	Dry	Dry	NP	40	NP	NP	Dry	Dry
Temperature	C	-	32.2	22.9	Dry	Dry	NP	23.9	NP	NP	Dry	Dry
Turbidity	NTU	-	NE	18	Dry	Dry	NP	14	NP	NP	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	4.68	Dry	Dry	NP	4.11	NP	NP	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.4	Dry	Dry	NP	1.6	NP	NP	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	5	Dry	Dry	NP	21	NP	NP	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1	Dry	Dry	NP	2	NP	NP	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	Dry	Dry	NP	10	NP	NP	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	130	Dry	Dry	NP	40	NP	NP	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Benzene	µg/l	2	71	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #13 (1-4-07) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.61	7.07	7.54	NP	7.26	NP	NP	6.61	Dry
Specific Conductance	µS/cm	-	NE	44	501	98	NP	54	NP	NP	102	Dry
Temperature	C	-	32.2	7.5	12.1	11.2	NP	11	NP	NP	12.8	Dry
Turbidity	NTU	-	NE	8.79	32	22	NP	11	NP	NP	9.13	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	6.9	NT	NT	NP	5.34	NP	NP	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.2	NT	NT	NP	1.2	NP	NP	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	6	NT	NT	NP	ND	NP	NP	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	NP	NT	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	20	40	NP	NT	NP	NP	20	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	ND	ND	NP	ND	NP	NP	ND	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	NP	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	NP	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #14 (7-11-07) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.72	Dry	Dry	NP	7.41	NP	NP	Dry	Dry
Specific Conductance	µS/cm	-	NE	26	Dry	Dry	NP	34	NP	NP	Dry	Dry
Temperature	C	-	32.2	22.6	Dry	Dry	NP	23.2	NP	NP	Dry	Dry
Turbidity	NTU	-	NE	60	Dry	Dry	NP	52	NP	NP	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	0.31	Dry	Dry	NP	0.32	NP	NP	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.3	Dry	Dry	NP	1.6	NP	NP	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	16	Dry	Dry	NP	11	NP	NP	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Organic Carbon (TOC)	mg/l	0.5	NE	1.8	Dry	Dry	NP	2.4	NP	NP	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	Dry	Dry	NP	10	NP	NP	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Benzene	µg/l	2	71	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #15 (1-3-08) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.05	6.75	Dry	NP	7.48	NP	NP	Dry	6.14
Specific Conductance	µS/cm	-	NE	46	267	Dry	NP	42	NP	NP	Dry	331
Temperature	C	-	32.2	0.2	4.9	Dry	NP	2.1	NP	NP	Dry	0.2
Turbidity	NTU	-	NE	11	36	Dry	NP	5.53	NP	NP	Dry	2.12
Dissolved Oxygen (DO)	mg/l	-	<5	3.89	NT	NT	NP	3.61	NP	NP	NT	NT
Chloride (Cl)	mg/l	0.1	NE	1.5	NT	NT	NP	1.8	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	NT	NT	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	NT	Dry	Dry	NP	NT	NP	NP	Dry	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; GEPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #17 (1-6-09) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.45	6.48	6.52	NP	5.21	NP	NP	5.61	6.03
Specific Conductance	µS/cm	-	NE	21	218	158	NP	20	NP	NP	57	19
Temperature	C	-	32.2	12.3	12.8	12.1	NP	12.4	NP	NP	11.8	11.3
Turbidity	NTU	-	NE	71	54	64	NP	69	NP	NP	27	11
Dissolved Oxygen (DO)	mg/l	-	<5	11.17	NT	NT	NP	10.63	NP	NP	NT	NT
Chloride (Cl)	mg/l	0.2	NE	1.8	NT	NT	NP	1.5	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	26	NT	NT	NP	31	NP	NP	NT	NT
Total Cyanide	mg/l	0.004	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	3.2	NT	NT	NP	2.9	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	20	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	5	1.3	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	10	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	55	61	NP	NT	NP	NP	41	ND
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	120	ND	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #18 (7-6-09) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.39	Dry	Dry	NP	8.07	NP	NP	5.86	5.44
Specific Conductance	µS/cm	-	NE	32	Dry	Dry	NP	33	NP	NP	114	41
Temperature	C	-	32.2	23.7	Dry	Dry	NP	23.9	NP	NP	22.5	23.7
Turbidity	NTU	-	NE	4	Dry	Dry	NP	6	NP	NP	42	30
Dissolved Oxygen (DO)	mg/l	-	<5	6.27	Dry	Dry	NP	7.07	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.9	Dry	Dry	NP	1.4	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	3.3	Dry	Dry	NP	1.3	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	10	1.3	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	25	1.2	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	40	29	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	20	65	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	34	ND
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	40	NE	ND	Dry	Dry	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #19 (1-6-10) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.63	6.88	7.11	NP	5.77	NP	NP	6.18	6.26
Specific Conductance	µS/cm	-	NE	22	282	321	NP	22	NP	NP	45	29
Temperature	C	-	32.2	2.6	5.1	3.5	NP	2.3	NP	NP	8.8	5.9
Turbidity	NTU	-	NE	11	152	7	NP	23	NP	NP	6	7
Dissolved Oxygen (DO)	mg/l	-	<5	14.75	NT	NT	NP	13.66	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.4	NT	NT	NP	1.4	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE ND	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE ND	ND	NT	NT	NP	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE NT	NT	67	70	NP	NT	NP	NP	22	ND
Total Beryllium (Be)	µg/l	3	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	NT	NT	NP	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE ND	ND	ND	ND	NP	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE NT	NT	32	ND	NP	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE NT	NT	160	120	NP	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE NT	NT	130	150	NP	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	ND	ND	NP	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	NP	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #20 (7-8-10) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.19	Dry	Dry	NP	6.83	NP	NP	6.67	5.96
Specific Conductance	µS/cm	-	NE	25	Dry	Dry	NP	25	NP	NP	64	109
Temperature	C	-	32.2	23	Dry	Dry	NP	23	NP	NP	17.8	16.7
Turbidity	NTU	-	NE	4	Dry	Dry	NP	5	NP	NP	40	30
Dissolved Oxygen (DO)	mg/l	-	<5	8.95	Dry	Dry	NP	8.43	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.6	Dry	Dry	NP	1.6	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	20	NE ND	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	NP	71	NP	NT	Dry	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	NP	0.07	NP	NT	Dry	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	NT	Dry	NP	NP	19.6	NP	NT	Dry	NT
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Barium (Ba)	µg/l	5	NE ND	NT	Dry	NP	NP	33.4	NP	NT	Dry	NT
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Lead (Pb)	µg/l	10	1.2	ND	NT	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	NP	ND	NP	NT	Dry	NT
Dissolved Silver (Ag)	µg/l	5	NE ND	NT	Dry	NP	NP	ND	NP	NT	Dry	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	NP	17.7	NP	NT	Dry	NT
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Total Arsenic (As)	µg/l	10	50	NT	ND	Dry	NP	NT	NP	ND	Dry	35.3
Total Barium (Ba)	µg/l	20	NE NT	NT	45.8	Dry	NP	NT	NP	31.1	Dry	20.4
Total Beryllium (Be)	µg/l	3	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	NT	Dry	NP	NP	ND	NP	NT	Dry	NT
Total Selenium (Se)	µg/l	10	NE ND	ND	Dry	NP	NP	ND	NP	ND	Dry	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Total Zinc (Zn)	µg/l	20	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Acetone	µg/l	100	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Benzene	µg/l	2	51	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
2-Butanone (MEK)	µg/l	100	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Carbon Disulfide	µg/l	5	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Toluene	µg/l	2	5,980	NT	ND	Dry	NP	NT	NP	ND	Dry	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	Dry	NP	NP	NT	NP	ND	Dry	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	NT	NP	ND	Dry	ND

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; GEPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #26 (7-3-13) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.22	6.98	6.29	NP	6.98	NP	Dry	6.58	Dry
Specific Conductance	µS/cm	-	NE	30	241	21	NP	48	NP	Dry	134	Dry
Temperature	C	-	32.2	14.8	23.6	22.0	NP	16.3	NP	Dry	18.8	Dry
Turbidity	NTU	-	NE	19	1076	1009	NP	280	NP	Dry	52	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.89	NT	NT	NP	2.81	NP	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	3.1	NT	NT	NP	1.3	NP	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	NT	NT	NP	58	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.8	NT	NT	NP	7.1	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	9.6	NT	NT	NP	6.0	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	12.2	13.1	NP	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	140	148	NP	NT	NP	Dry	50.8	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	18.4	31.1	NP	NT	NP	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	52.4	ND	NP	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	37.7	34.8	NP	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	21	18.4	NP	NT	NP	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	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	NP	16	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.1	NT	NT	NP	1.1	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	42.7	71.5	NP	NT	NP	Dry	134	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	61.7	NP	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	Dry	20	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	ND	ND	NP	ND	NP	Dry	ND	Dry
Total Selenium (Se)	µg/l	5	NE	ND	ND	ND	NP	ND	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	37.8	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	28.3	NP	NT	NP	Dry	50.7	Dry
Acetone	µg/l	100	NE	NT	ND	250	NP	NT	NP	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	180	NP	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	Dry	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #28 (7-23-14) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.65	Dry	6.54	NP	5.24	NP	Dry	6.46	Dry
Specific Conductance	µS/cm	-	NE	36	Dry	194	NP	194	NP	Dry	142	Dry
Temperature	C	-	32.2	21.7	Dry	24.6	NP	25.6	NP	Dry	19.4	Dry
Turbidity	NTU	-	NE	11	Dry	43	NP	15	NP	Dry	93	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	8.94	Dry	NT	NP	8.3	NP	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.4	Dry	NT	NP	1.4	NP	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.5	Dry	NT	NP	1.3	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE	5.6	Dry	NT	NP	5.8	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	10	1.2	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	62.6	NP	NT	NP	Dry	120	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	ND	NP	NT	NP	Dry	12.2	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	ND	NP	NT	NP	Dry	19.6	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	NT	NP	ND	NP	Dry	NT	Dry
Total Selenium (Se)	µg/l	5	NE	ND	Dry	ND	NP	ND	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	ND	NP	NT	NP	Dry	29.2	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	21.6	NP	NT	NP	Dry	115	Dry
Acetone	µg/l	100	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Benzene	µg/l	2	51	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	ND	NP	NT	NP	Dry	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #29 (1-28-15) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.17	4.01	Dry	NP	6.15	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	34	88	Dry	NP	30	NP	Dry	Dry	Dry
Temperature	C	-	32.2	6.4	5.7	Dry	NP	6.4	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	6	27	Dry	NP	19	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	9.41	NT	Dry	NP	10.94	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.6	NT	Dry	NP	1.6	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	6.4	NT	Dry	NP	7.2	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	32	Dry	NP	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	Dry	NP	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; GEPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #30 (7-8-15) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.18	6.89	6.46	NP	6.46	NP	Dry	6.88	5.81
Specific Conductance	µS/cm	-	NE	33	299	110	NP	49	NP	Dry	57	177
Temperature	C	-	32.2	23.4	27.2	29.2	NP	23.3	NP	Dry	19.8	18.6
Turbidity	NTU	-	NE	4	8	13	NP	12	NP	Dry	38	26
Dissolved Oxygen (DO)	mg/l	-	<5	7.74	NT	NT	NP	6.41	NP	Dry	NT	NT
Chloride (Cl)	mg/l	1	NE	1.8	NT	NT	NP	2.1	NP	Dry	NT	NT
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	NP	2.1	NP	Dry	NT	NT
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Barium (Ba)	µg/l	5	NE	5.8	NT	NT	NP	7	NP	Dry	NT	NT
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	10.6	NP	Dry	NT	NT
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	NP	NT	NP	Dry	ND	18.5
Total Barium (Ba)	µg/l	20	NE	NT	26.6	ND	NP	NT	NP	Dry	72	24.7
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	Dry	NT	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	Dry	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	46.3	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Benzene	µg/l	2	51	NT	ND	ND	NP	NT	NP	Dry	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Toluene	µg/l	2	5,980	NT	ND	ND	NP	NT	NP	Dry	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	Dry	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	Dry	ND	ND

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #31 (1-29-16) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	8.14	7.25	7.11	NP	8.11	NP	6.79	6.21	Dry
Specific Conductance	µS/cm	-	NE	49	141	422	NP	53	NP	207	246	Dry
Temperature	C	-	32.2	6.8	6.2	6.2	NP	7.6	NP	8.4	12.1	Dry
Turbidity	NTU	-	NE	2	116	27	NP	2	NP	4	11	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	8.54	NT	NT	NP	8.31	NP	NT	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.5	NT	NT	NP	ND	NP	NT	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	11	NT	NT	NP	ND	NP	NT	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Barium (Ba)	µg/l	20	NE	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Cadmium (Cd)	µg/l	5	0.15	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Chromium (Cr)	µg/l	10	11	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	50.2	76.8	NP	NT	NP	ND	41.4	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	NT	NT	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	ND	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Acetone	µg/l	100	NE	NT	ND	250	NP	NT	NP	ND	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	NP	NT	NP	ND	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	250	NP	NT	NP	ND	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	NP	NT	NP	ND	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	ND	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	ND	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #32 (7-27-16) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	8.72	Dry	Dry	NP	7.06	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	41	Dry	Dry	NP	25	NP	Dry	Dry	Dry
Temperature	C	-	32.2	26.8	Dry	Dry	NP	28.7	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	12	Dry	Dry	NP	30	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.65	Dry	Dry	NP	6.64	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	2	Dry	Dry	NP	1.8	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.4	Dry	Dry	NP	1.3	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	7.1	Dry	Dry	NP	6.8	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #33 (1-5-17)
Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.92	Dry	Dry	NP	6.99	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	26	Dry	Dry	NP	29	NP	Dry	Dry	Dry
Temperature	C	-	32.2	8	Dry	Dry	NP	8.1	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	12	Dry	Dry	NP	13	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	11.65	Dry	Dry	NP	11.01	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.6	Dry	Dry	NP	1.7	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.7	Dry	Dry	NP	1.6	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	6.2	Dry	Dry	NP	6.3	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	NT	NP	Dry	Dry	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; GEPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #34 (7-7-17) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.91	7.33	7.15	NP	6.79	NP	Dry	6.19	Dry
Specific Conductance	µS/cm	-	NE	34	167	91	NP	24	NP	Dry	91	Dry
Temperature	C	-	32.2	22.8	30	29.2	NP	22.7	NP	Dry	20.3	Dry
Turbidity	NTU	-	NE	16	11	4	NP	34	NP	Dry	24	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.47	NT	NT	NP	7.19	NP	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.7	NT	NT	NP	1.8	NP	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	39	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.4	NT	NT	NP	1.5	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	7	NT	NT	NP	5.8	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	30	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	ND	NP	Dry	NT	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Acetone	µg/l	100	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	NT	NP	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	NT	NP	Dry	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #35 (1-4-18) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.71	8.35	Dry	NP	6.01	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	21	466	Dry	NP	21	NP	Dry	Dry	Dry
Temperature	C	-	32.2	0.2	3.9	Dry	NP	0.5	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	5	42	Dry	NP	7	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	13.59	NT	Dry	NP	13.52	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	2.3	NT	Dry	NP	1.6	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	5.3	NT	Dry	NP	11.3	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	35.6	Dry	NP	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	Dry	NP	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	Dry	NP	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	NT	NP	Dry	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #36 (7-26-18) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.56	6.76	Dry	Dry	6.73	6.72	6.56	Dry	Dry
Specific Conductance	µS/cm	-	NE	25	154	Dry	Dry	23	35	38	Dry	Dry
Temperature	C	-	32.2	25.7	25.4	Dry	Dry	23.5	20.4	20.7	Dry	Dry
Turbidity	NTU	-	NE	11	10	Dry	Dry	20	24	9	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.98	NT	Dry	Dry	7.69	NT	NT	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.3	NT	Dry	Dry	1.4	NT	NT	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	233	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.1	NT	Dry	Dry	1.2	NT	NT	Dry	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Barium (Ba)	µg/l	5	NE	12	NT	Dry	Dry	12	NT	NT	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	Dry	ND	NT	NT	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	Dry	Dry	ND	ND	NT	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	Dry	Dry	ND	ND	ND	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Acetone	µg/l	100	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Benzene	µg/l	2	51	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	Dry	NT	ND	ND	Dry	Dry

Notes:

ND = *Not Detected* at the method detection limit

ISWQS = *In-stream Water Quality Standard*, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = *Laboratory Method Detection Limit*

NS = *Not Sampled*

NT = *Not Tested*

NE = *Not Established*; GEPD has not established a ISWQS

NP = location *Not Present* during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #37 (1-17-19) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.29	6.55	6.68	Dry	7.26	7.46	6.72	5.98	Dry
Specific Conductance	µS/cm	-	NE	18	88	139	Dry	19	23	21	24	Dry
Temperature	C	-	32.2	6.3	8.1	7.8	Dry	7.1	6.7	9.9	11.6	Dry
Turbidity	NTU	-	NE	3	116	9	Dry	4	27	25	17	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	9.34	NT	NT	Dry	7.21	NT	NT	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.4	NT	NT	Dry	1.4	NT	NT	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	14.1	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE	11	NT	NT	Dry	11	NT	NT	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	54	40	Dry	NT	ND	ND	42	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	Dry	ND	NT	NT	NT	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	Dry	ND	ND	ND	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	ND	32	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	NT	ND	ND	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	Dry	NT	ND	ND	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #38 (7-18-19) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.18	6.64	6	Dry	6.07	5.5	Dry	7.11	Dry
Specific Conductance	µS/cm	-	NE	39	182	85	Dry	28	42	Dry	47	Dry
Temperature	C	-	32.2	23.9	29.2	29	Dry	24.5	21.9	Dry	19.1	Dry
Turbidity	NTU	-	NE	8	13	6	Dry	7	7	Dry	13	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	8.21	NT	NT	Dry	5.82	NT	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.4	NT	NT	Dry	1.4	NT	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	Dry	1.6	NT	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE	7.7	NT	NT	Dry	7.8	NT	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	Dry	160	NT	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	Dry	310	NT	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	1	65	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	45	ND	Dry	NT	ND	Dry	32	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	Dry	ND	NT	Dry	NT	Dry
Total Selenium (Se)	µg/l	5	NE	ND	ND	ND	Dry	ND	ND	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	22	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	Dry	NT	ND	Dry	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #39 (1-8-20) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.38	6.03	5.81	Dry	6.76	6.31	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	28	147	90	Dry	32	35	Dry	Dry	Dry
Temperature	C	-	32.2	7.6	9.9	8	Dry	12.2	7.5	Dry	Dry	Dry
Turbidity	NTU	-	NE	7	104	10	Dry	10	5	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	12.96	NT	NT	Dry	12.81	NT	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.2	NT	NT	Dry	1.2	NT	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	25	NE	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Total Cyanide	mg/l	0.008	0.0052	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	Dry	2	NT	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	5	NE	6.9	NT	NT	Dry	7.1	NT	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	1	65	ND	NT	NT	Dry	ND	NT	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	55	22	Dry	NT	ND	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	Dry	NT	NT	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	22	ND	Dry	NT	ND	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	Dry	NT	ND	Dry	Dry	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

Surface Water Sampling Event #40 (7-9-20) Eagle Point MSW Landfill - Forsyth Co., Ga

TEST	Units	LAB MDL	ISWQS	SWA-1	SWC-1	SWC-2	SWC-4	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.24	6.05	Dry	Dry	6.16	6.14	Dry	6.64	Dry
Specific Conductance	µS/cm	-	NE	29	246	Dry	Dry	30	93	Dry	76	Dry
Temperature	C	-	32.2	22.7	27.3	Dry	Dry	23.6	22.9	Dry	18.1	Dry
Turbidity	NTU	-	NE	8	22	Dry	Dry	9	8	Dry	15	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	8.23	NT	Dry	Dry	7.69	NT	Dry	NT	Dry
Chloride (Cl)	mg/l	0.5	NE	2.23	NT	Dry	Dry	2.26	NT	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Total Cyanide	mg/l	0.01	0.0052	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.33	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	10	0.15	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	10	11	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	25	1.2	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	50.8	Dry	Dry	NT	ND	Dry	35.2	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	Dry	Dry	NT	NT	Dry	NT	Dry
Total Selenium (Se)	µg/l	40	NE	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Acetone	µg/l	100	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	Dry	NT	ND	Dry	ND	Dry

Notes:

ND = Not Detected at the method detection limit

ISWQS = In-stream Water Quality Standard, as established in the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03(5)(e)(iii)&(iv).

MDL = Laboratory Method Detection Limit

NS = Not Sampled

NT = Not Tested

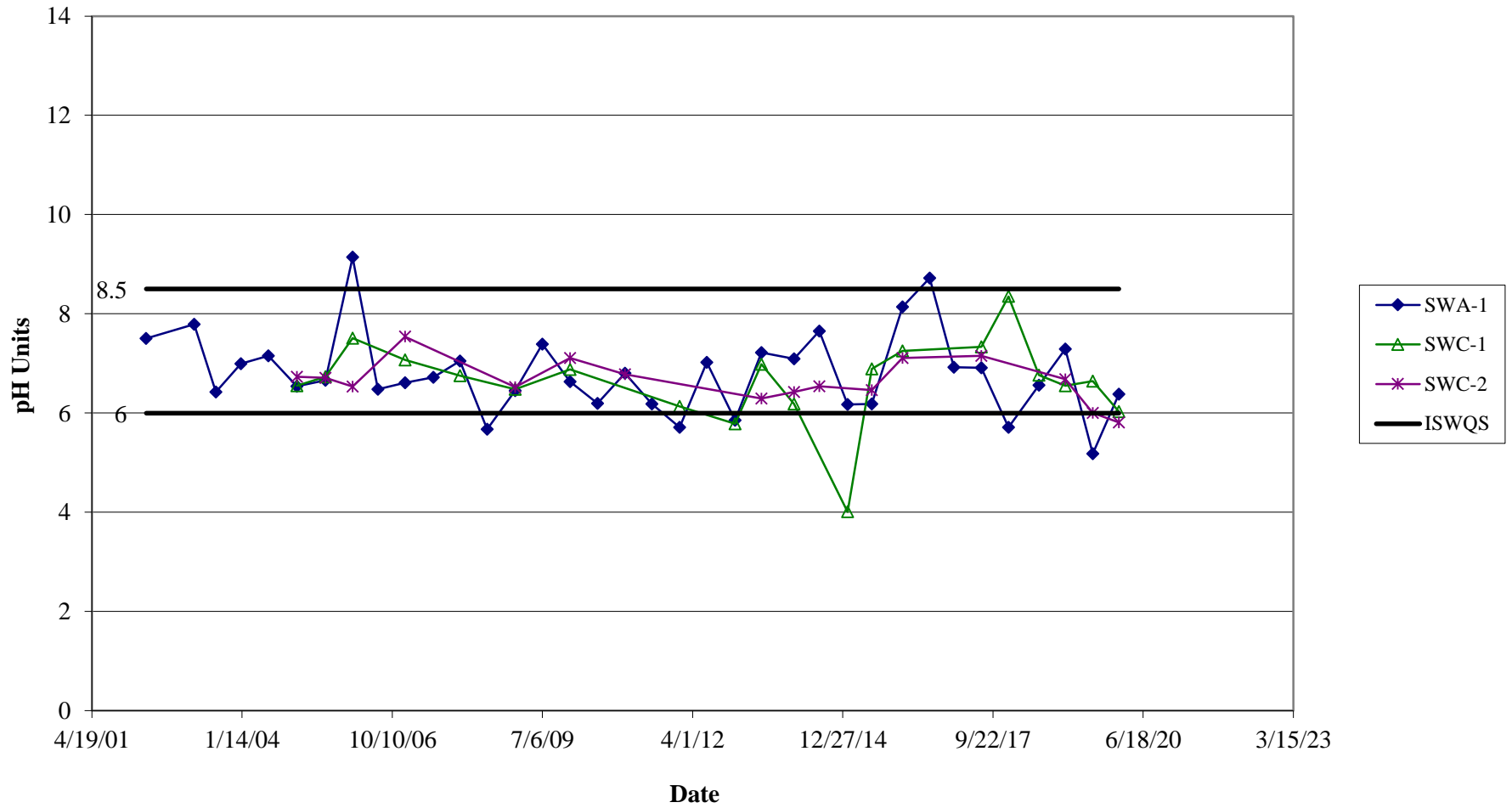
NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

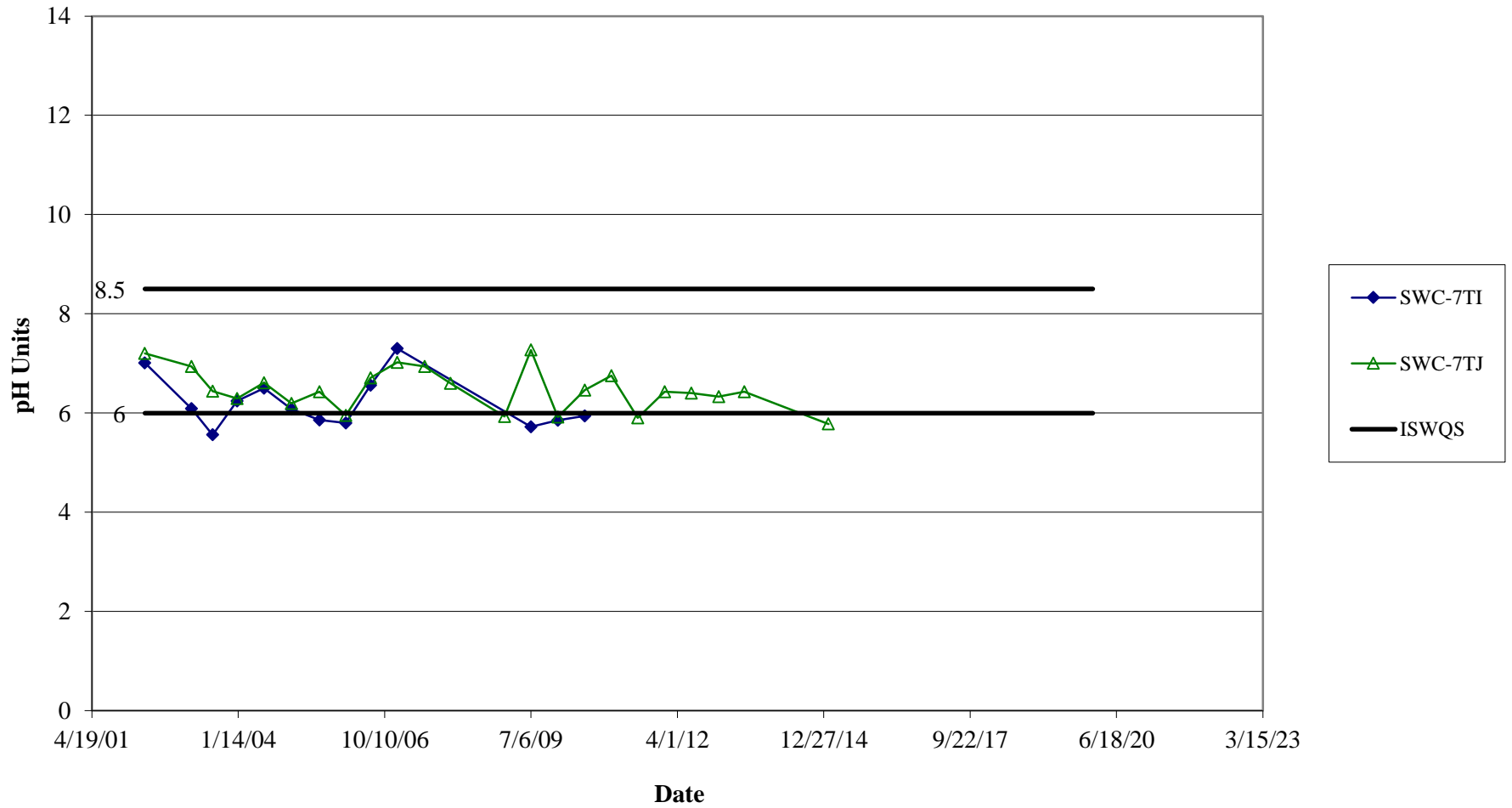
pH

Eagle Point Landfill - Forsyth Co., GA



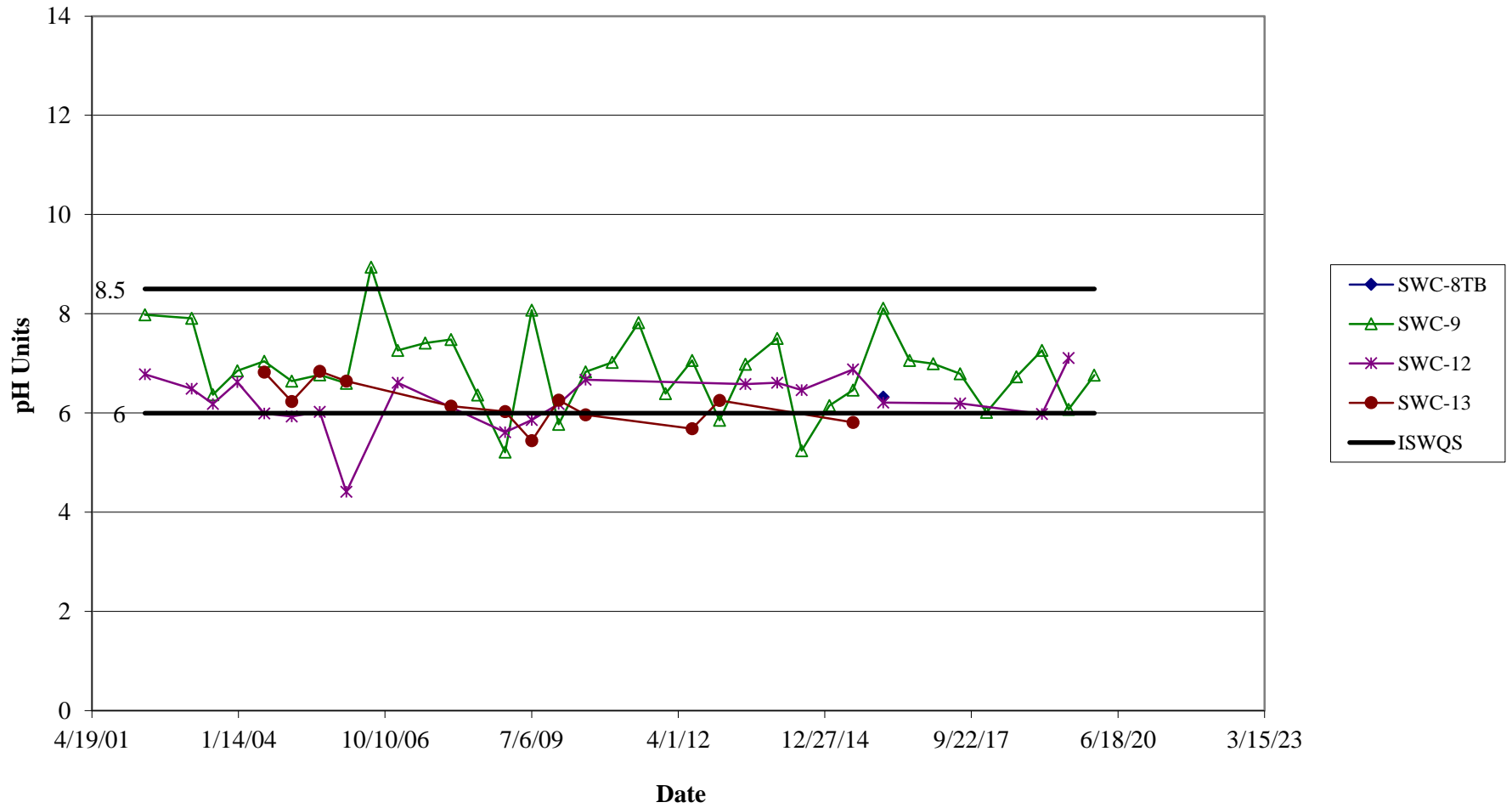
pH

Eagle Point Landfill - Forsyth Co., GA



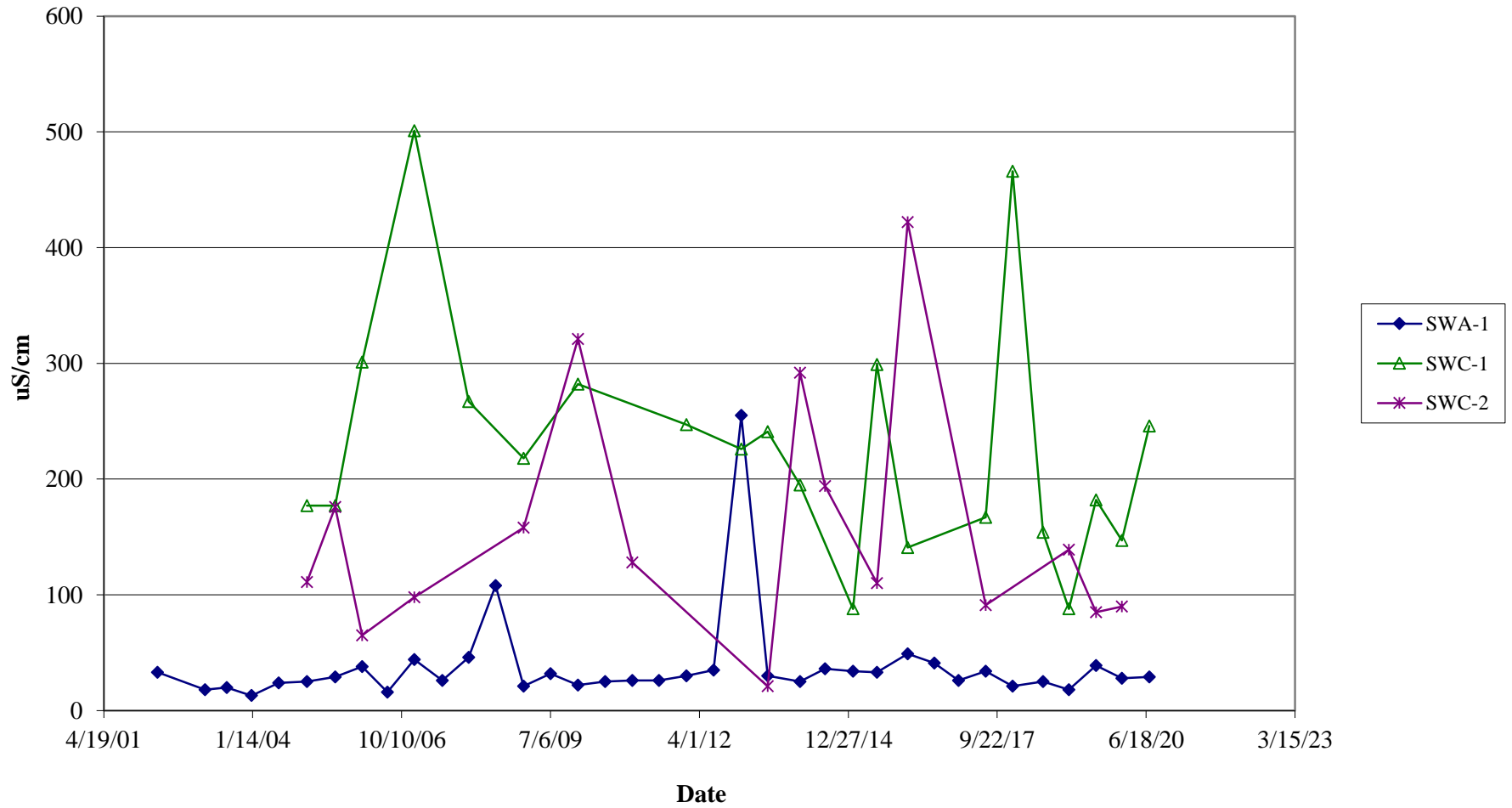
pH

Eagle Point Landfill - Forsyth Co., GA



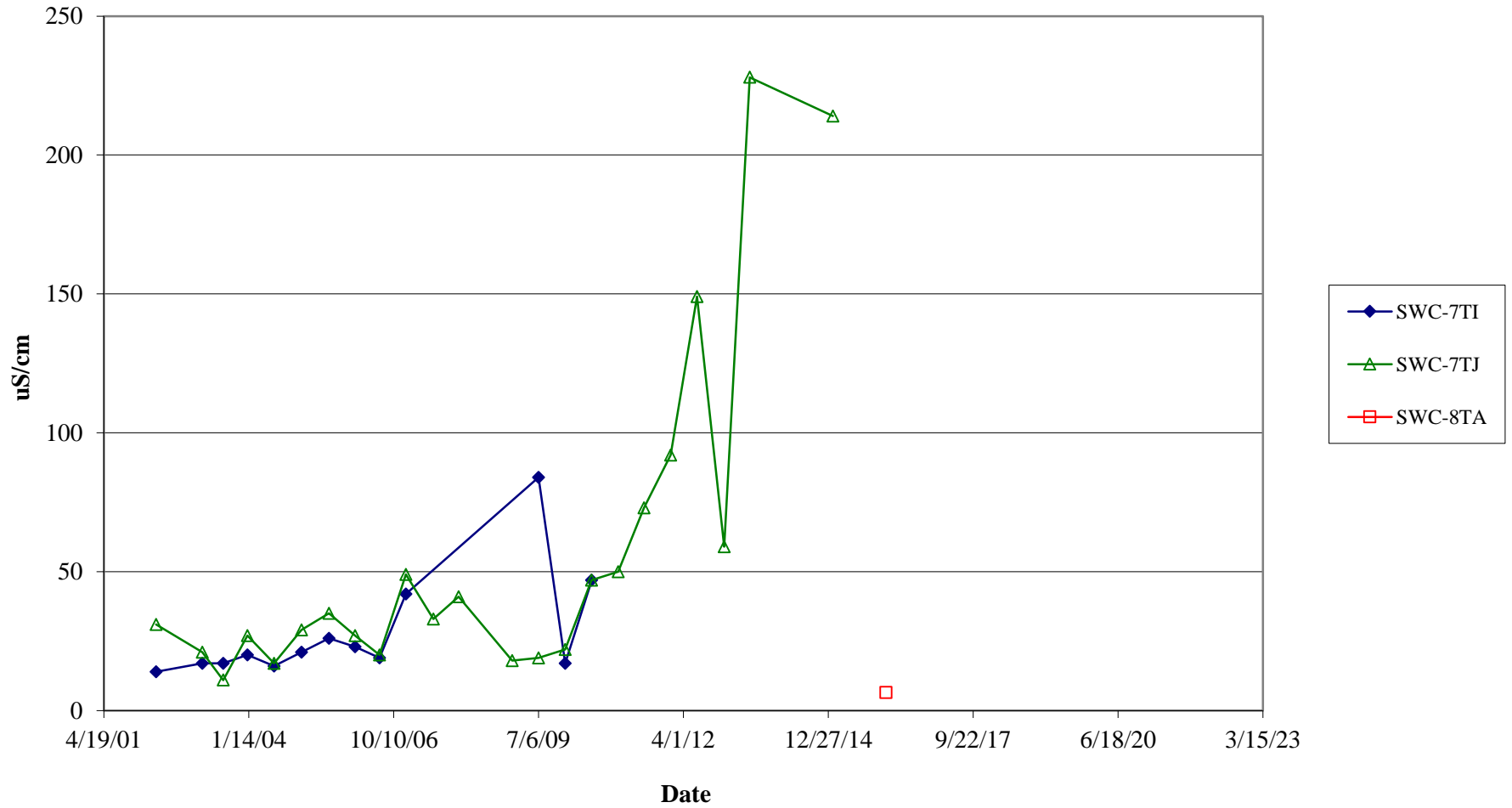
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



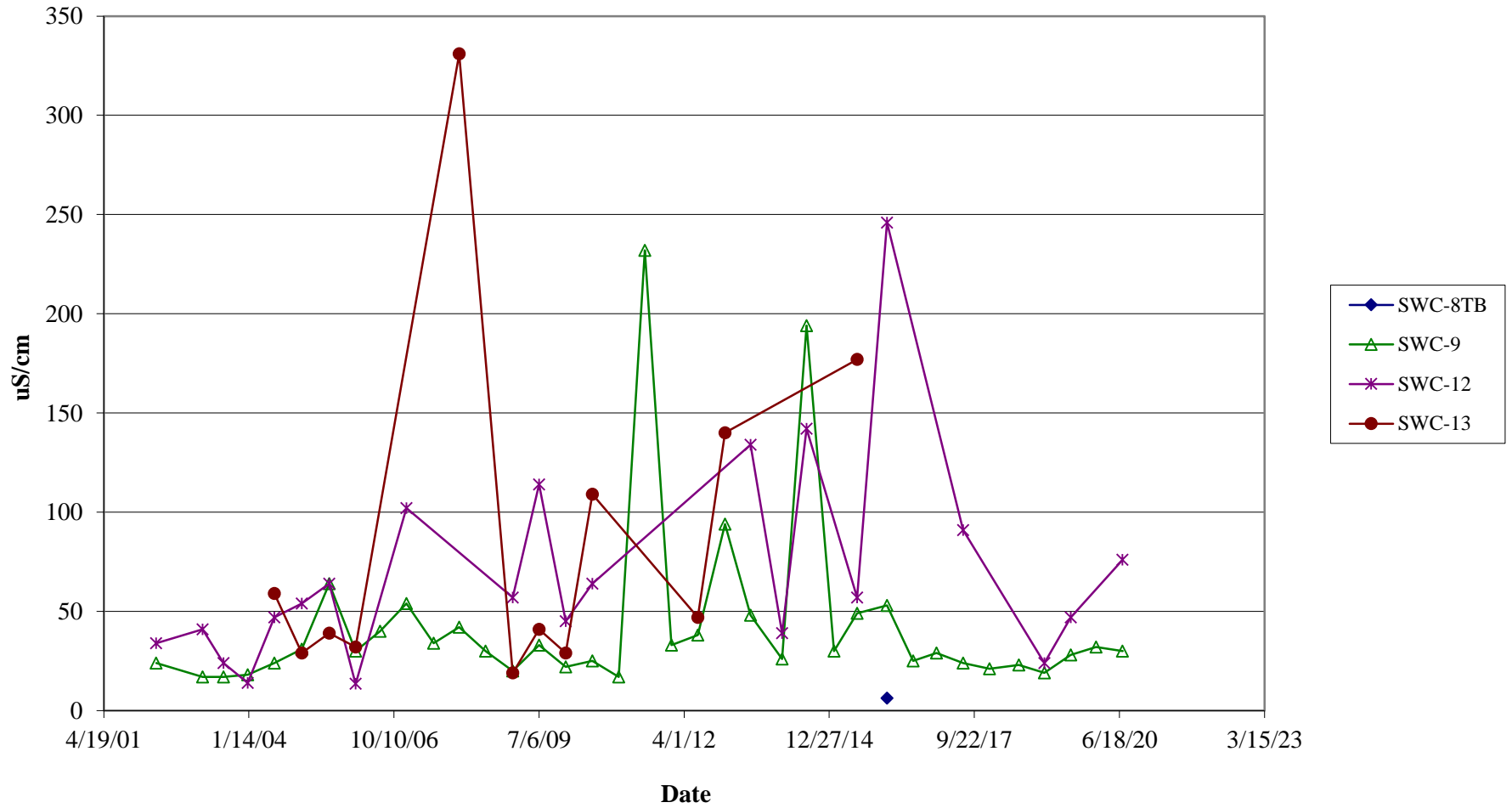
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



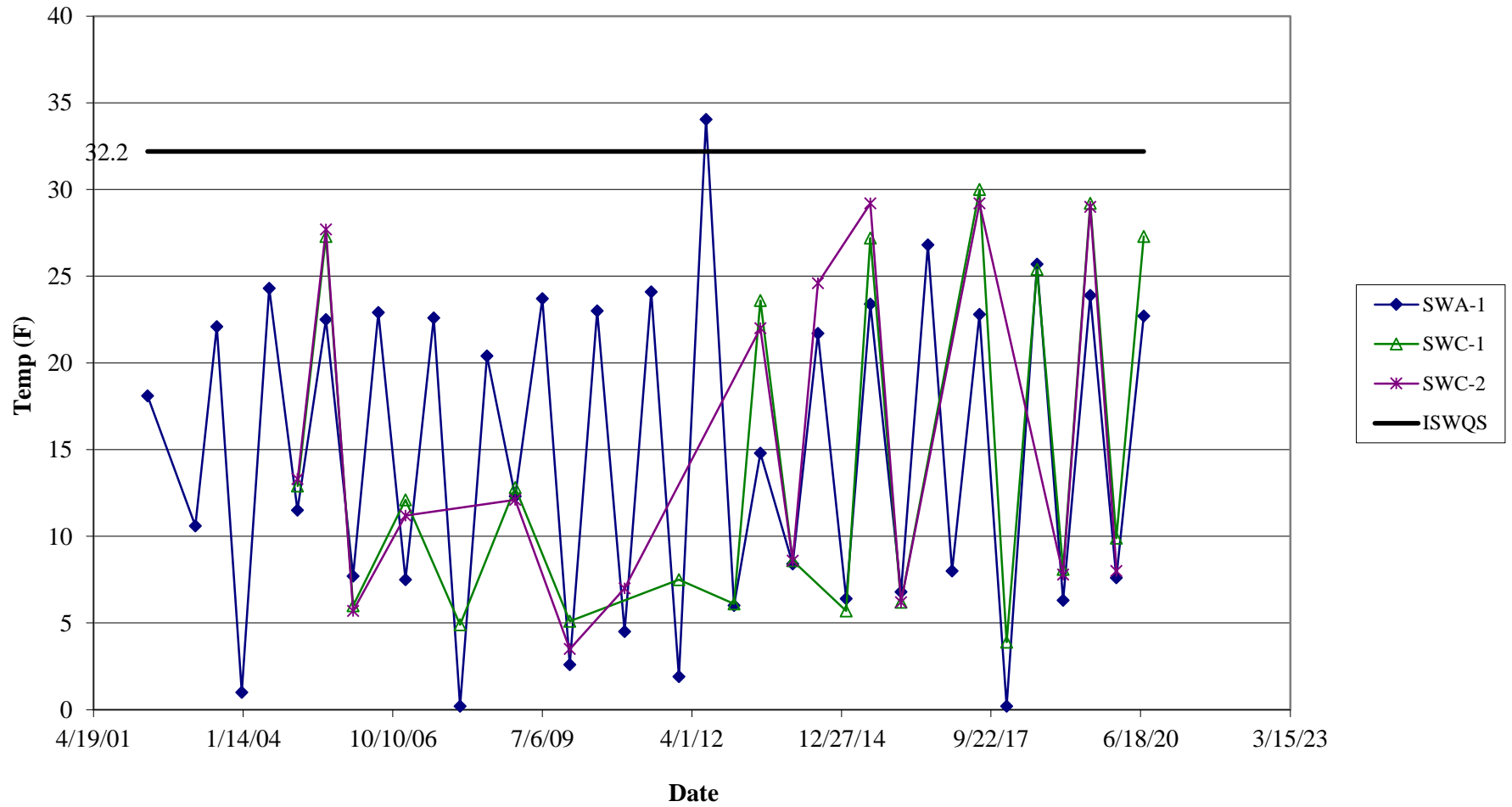
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



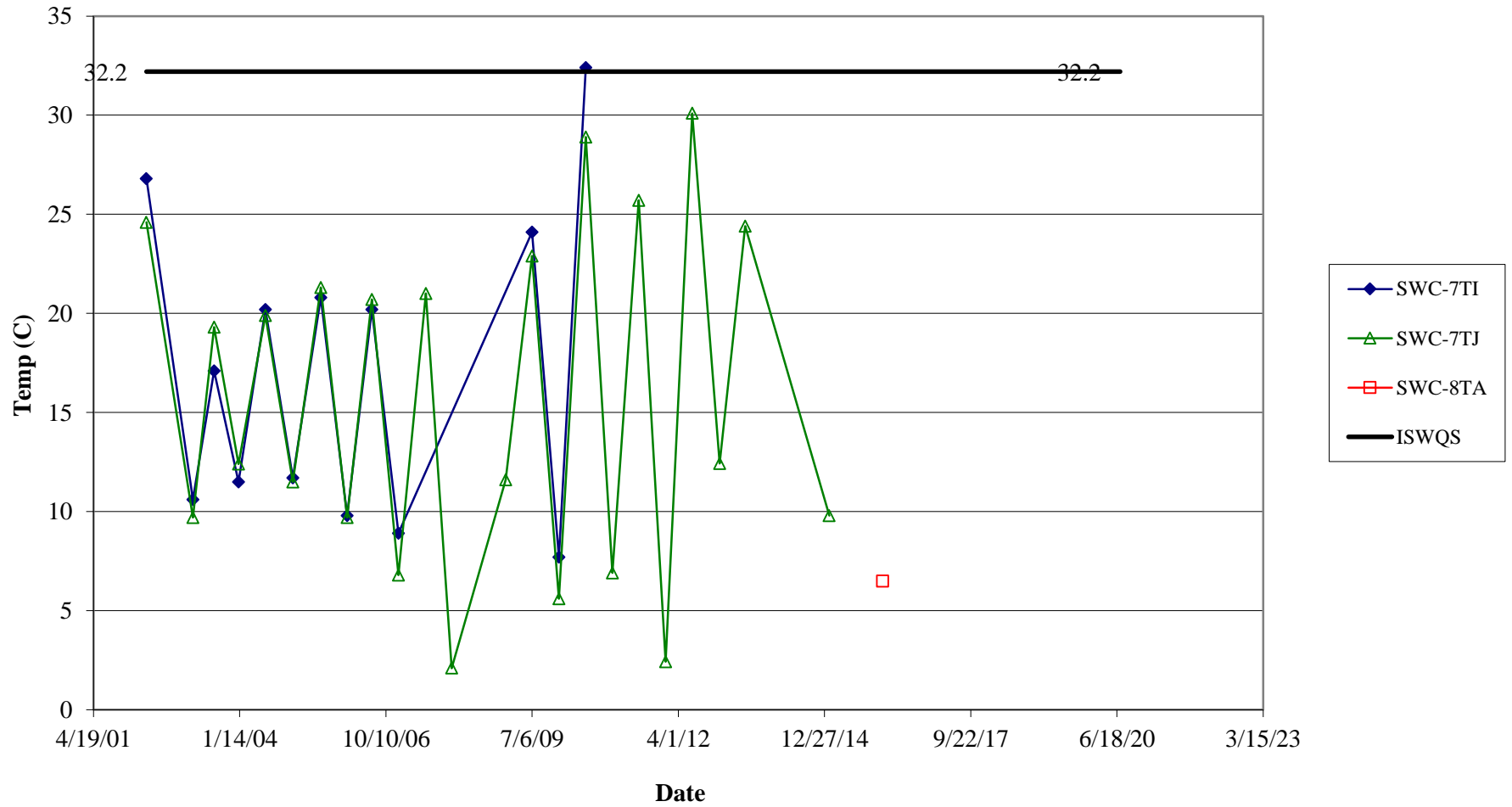
Temperature

Eagle Point Landfill - Forsyth Co., GA



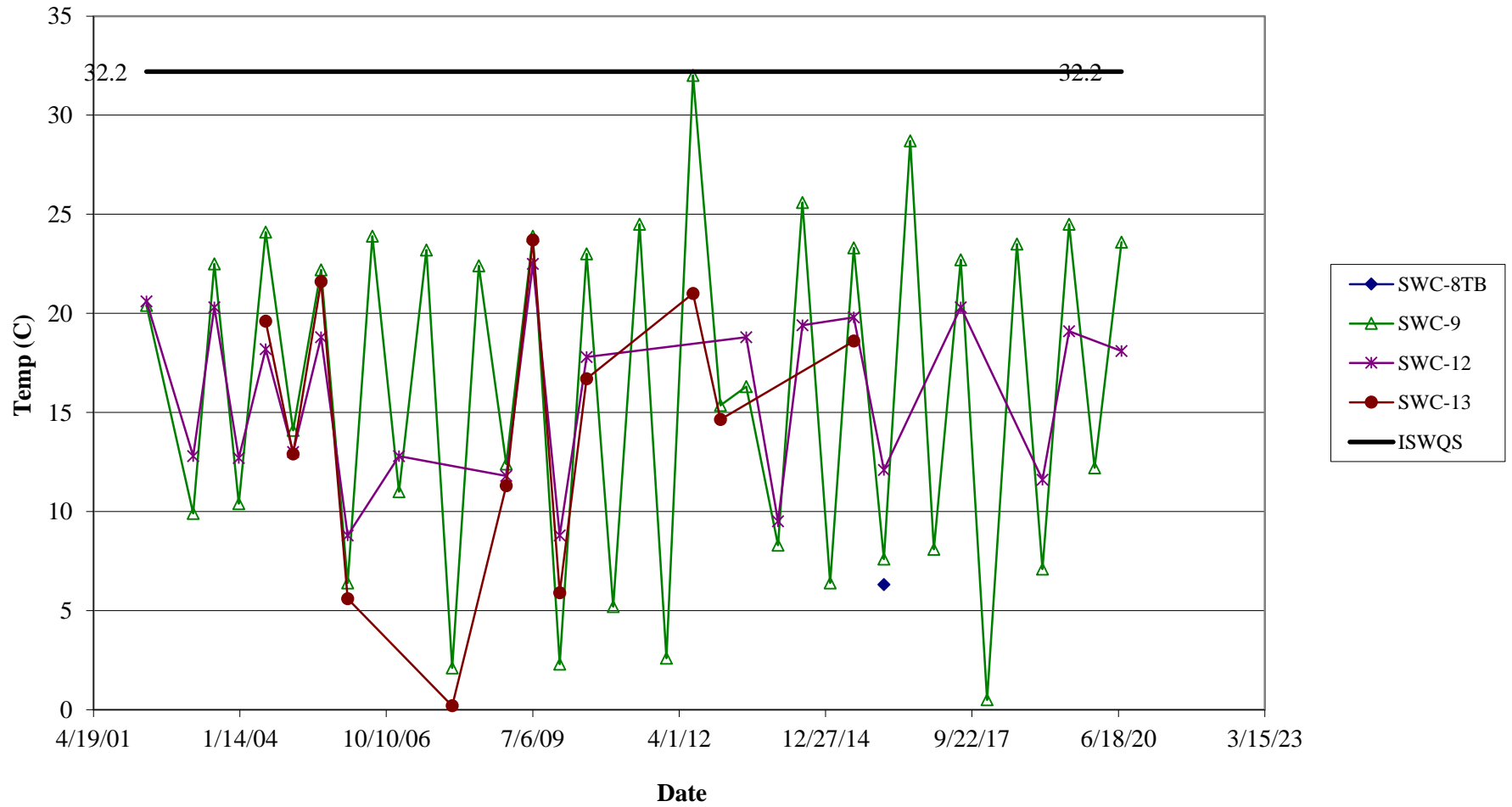
Temperature

Eagle Point Landfill - Forsyth Co., GA



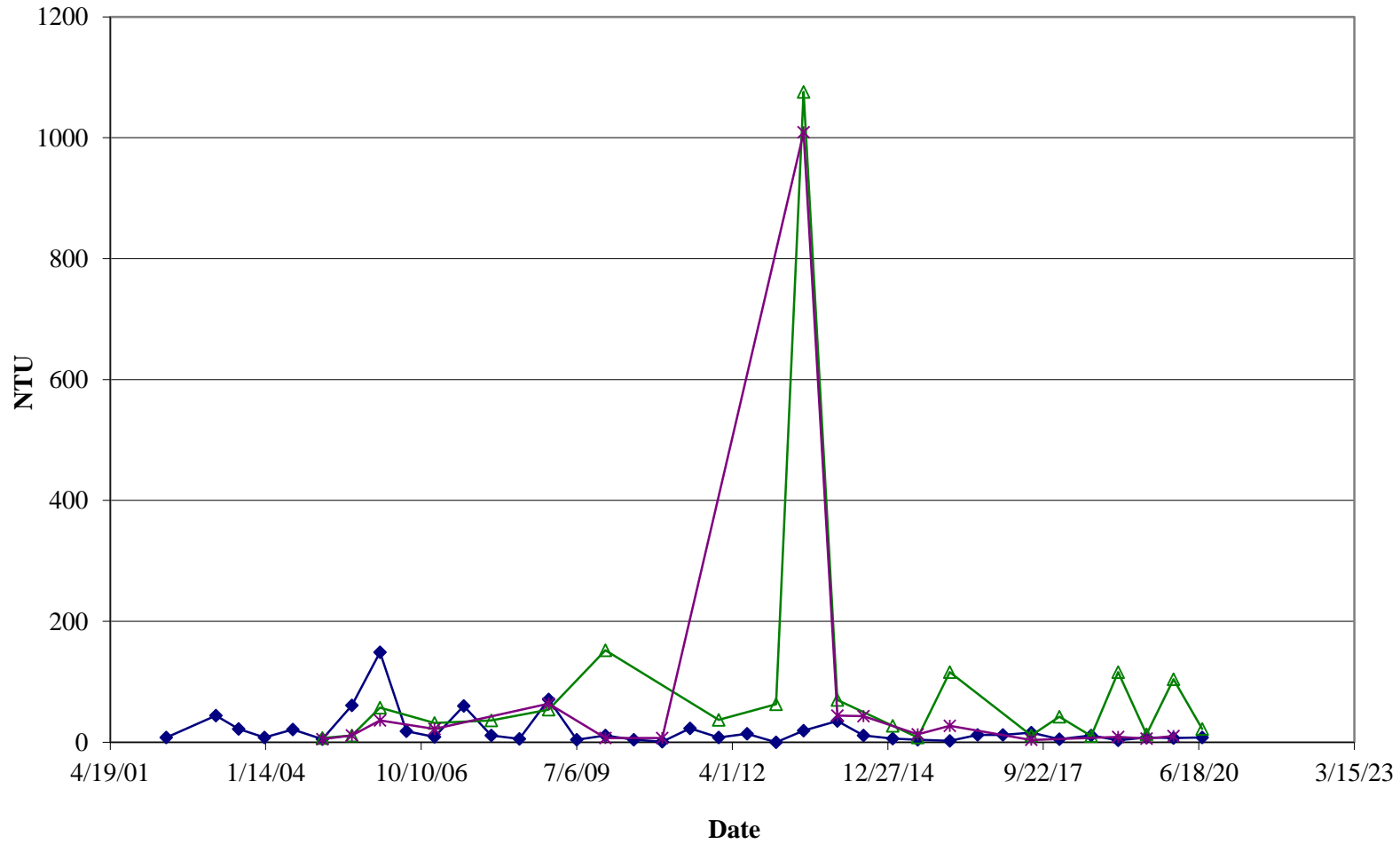
Temperature

Eagle Point Landfill - Forsyth Co., GA



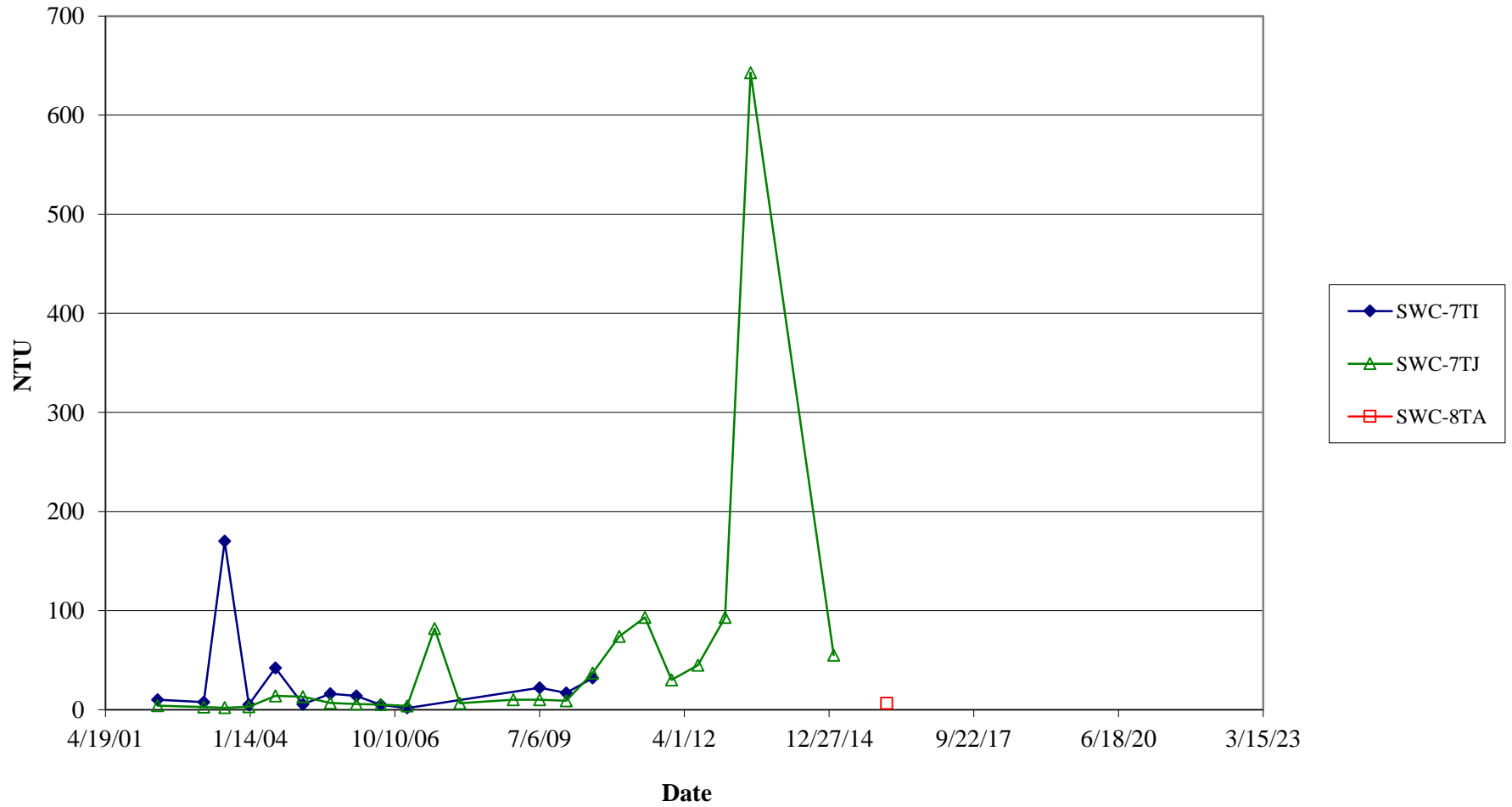
Turbidity

Eagle Point Landfill - Forsyth Co., GA



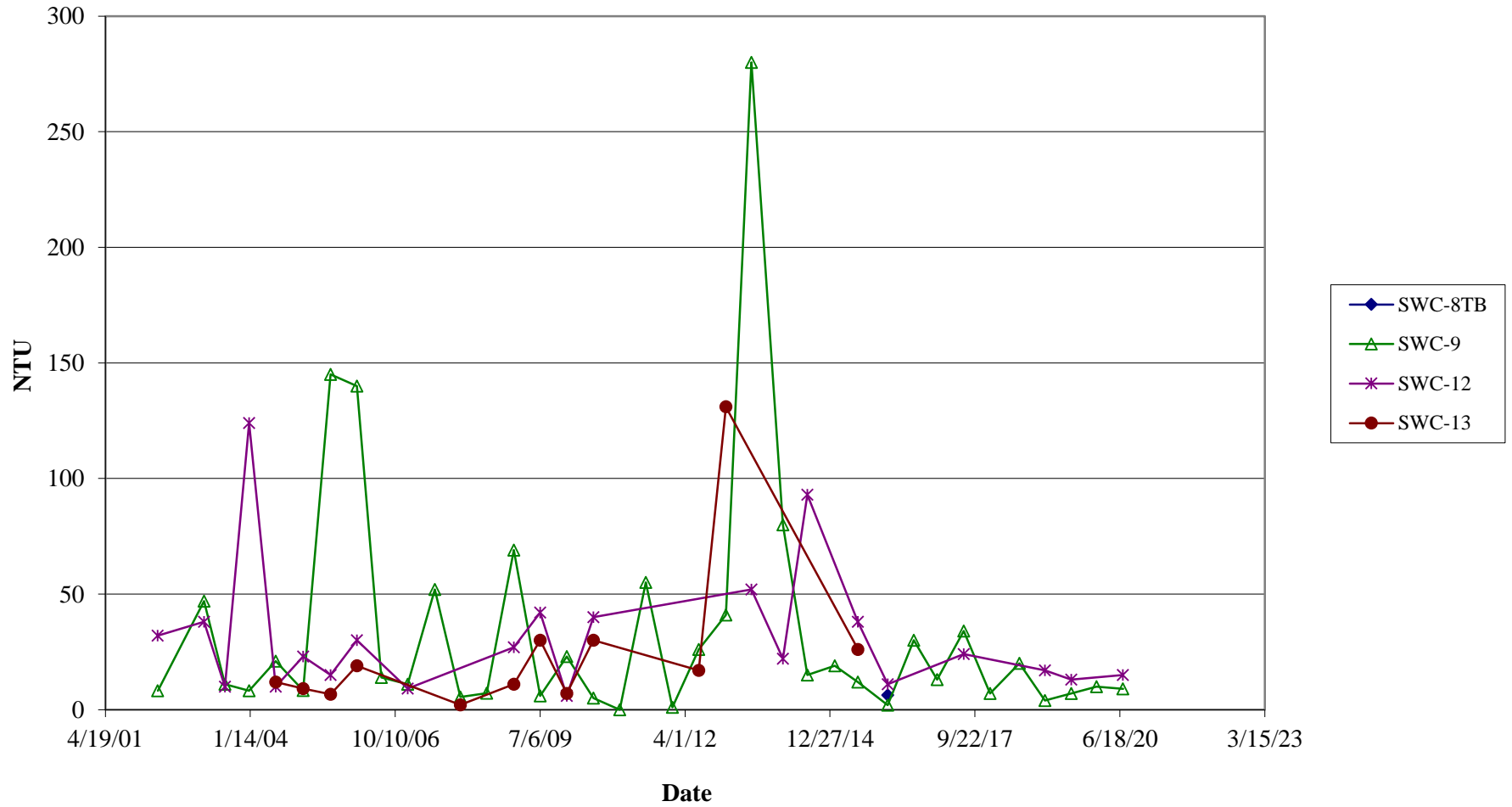
Turbidity

Eagle Point Landfill - Forsyth Co., GA



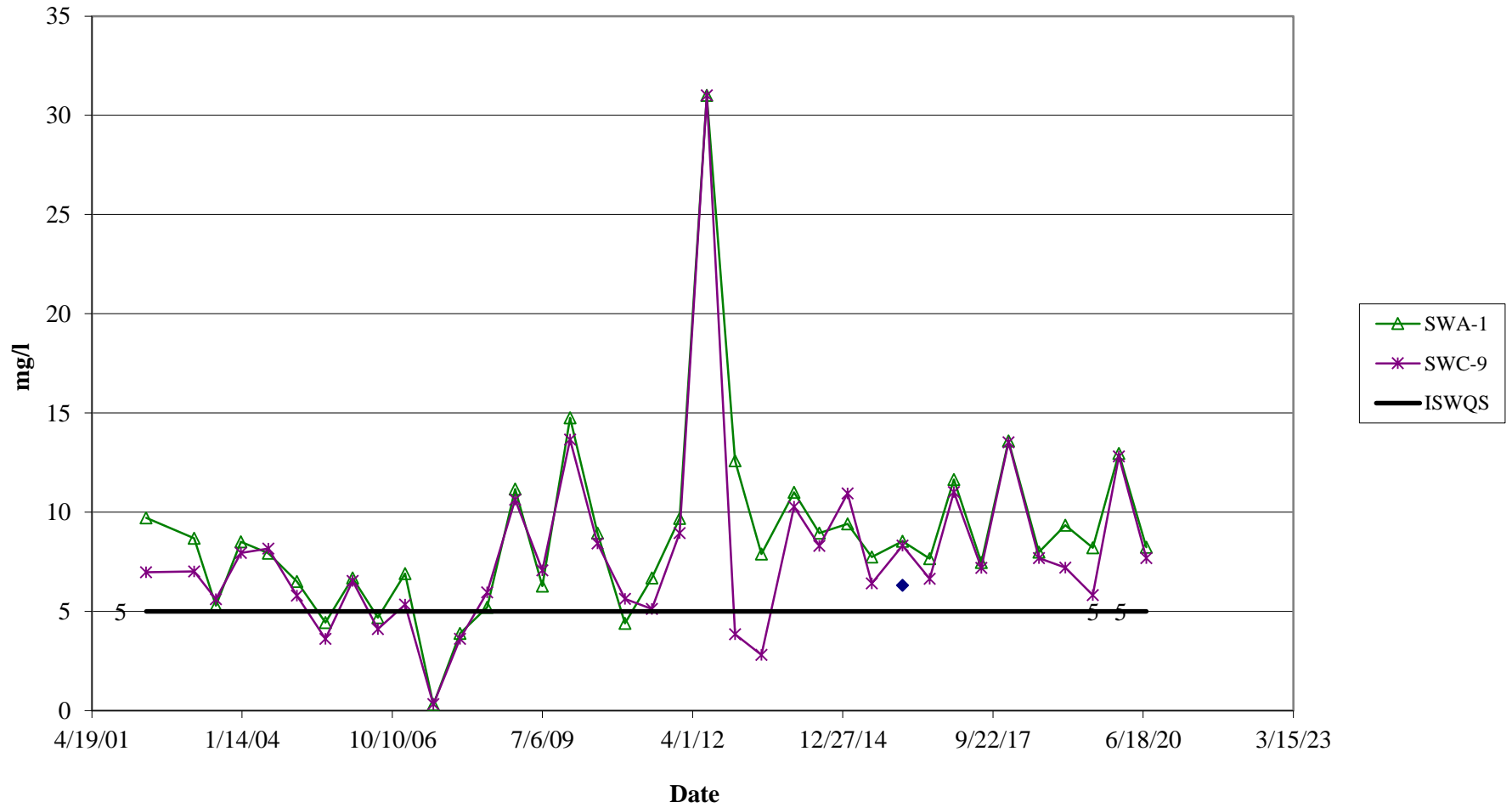
Turbidity

Eagle Point Landfill - Forsyth Co., GA



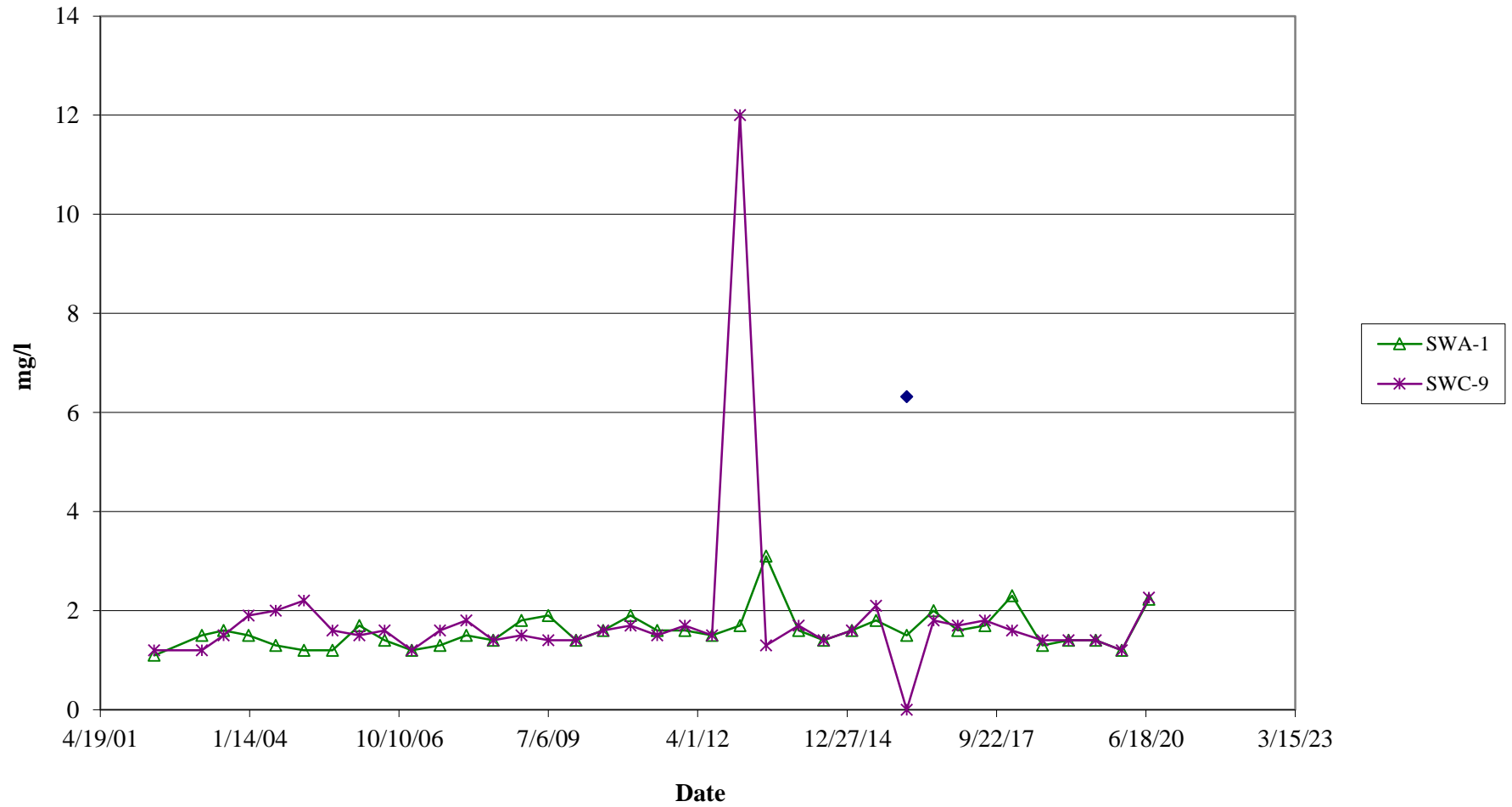
Dissolved Oxygen

Eagle Point Landfill - Forsyth Co., GA



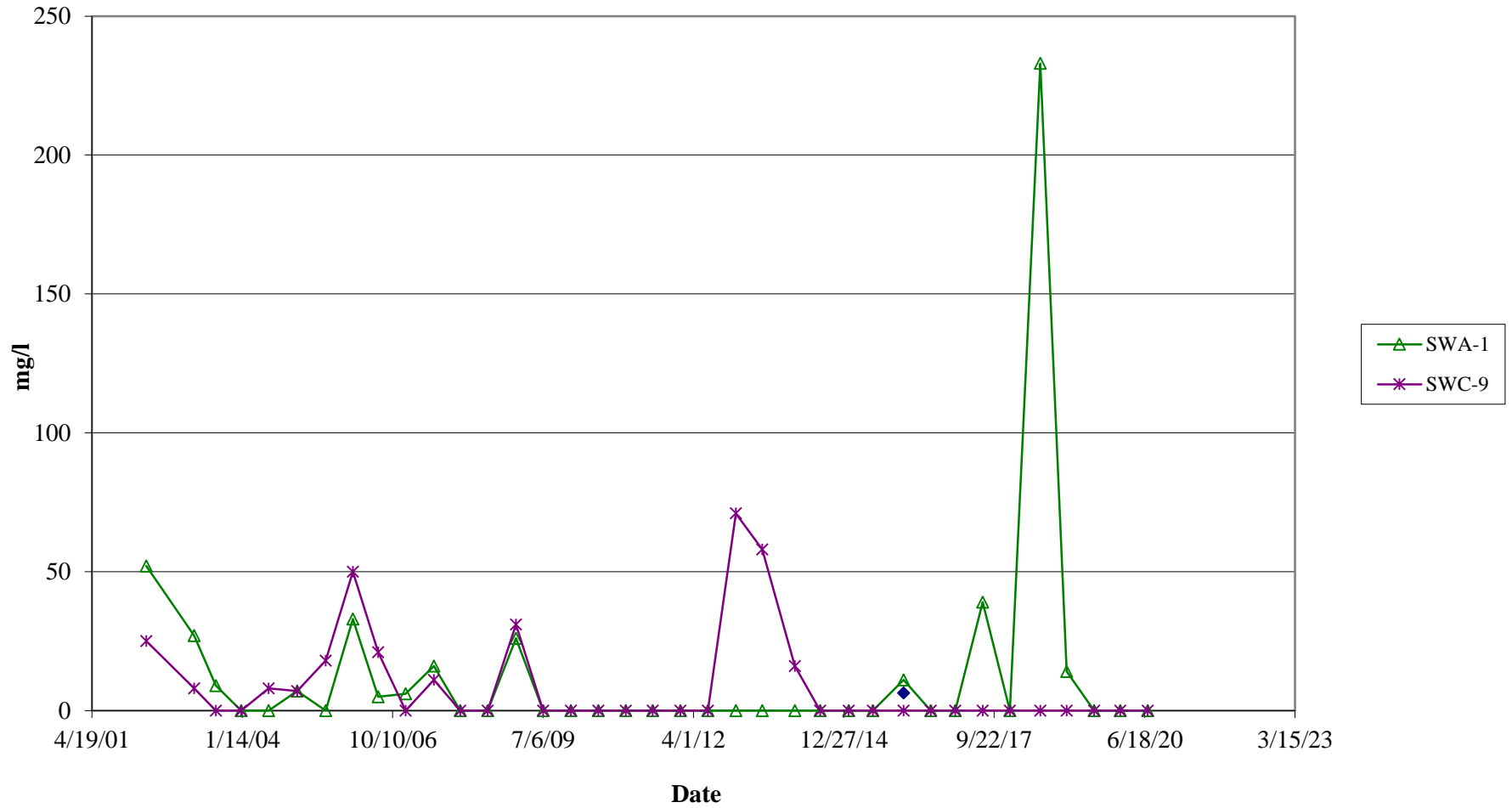
Chloride

Eagle Point Landfill - Forsyth Co., GA



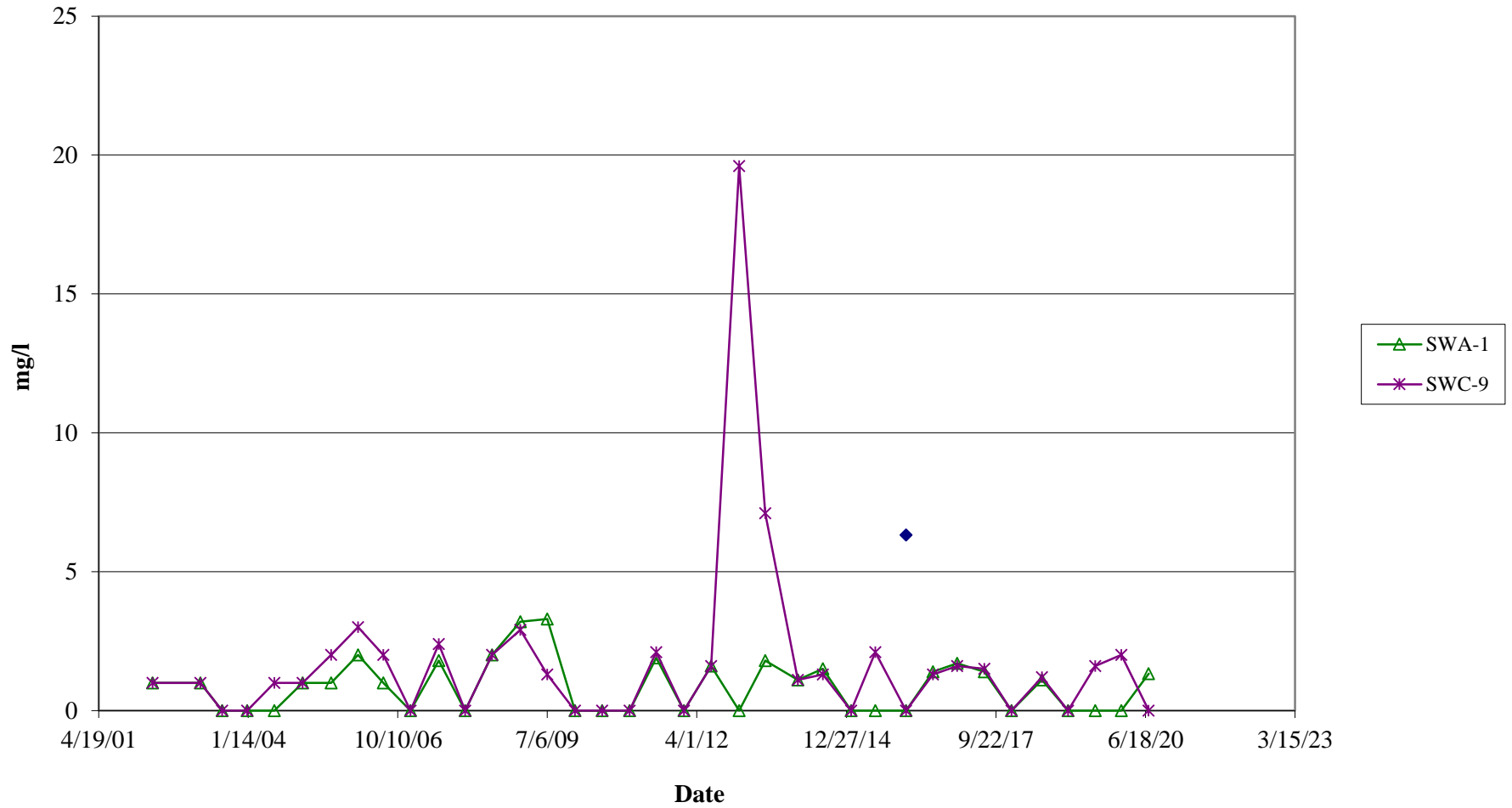
COD

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 J20-1472-171**

COMPOUND	TOTAL	ND	DETECTED	%ND	STATISTICAL TEST
Total Arsenic	807	804	3	99.6%	Non-Parametric Prediction Limits
Total Barium	807	308	499	38.2%	Kruskal-Wallis
Total Cadmium	807	806	1	99.9%	Non-Parametric Prediction Limits
Total Beryllium	807	805	2	99.8%	Non-Parametric Prediction Limits
Total Chromium	807	765	42	94.8%	Non-Parametric Prediction Limits
Total Cobalt	807	780	27	96.7%	Non-Parametric Prediction Limits
Total Copper	807	786	21	97.4%	Non-Parametric Prediction Limits
Total Lead	807	800	7	99.1%	Non-Parametric Prediction Limits
Total Nickel	807	789	18	97.8%	Non-Parametric Prediction Limits
Total Selenium	807	794	13	98.4%	Non-Parametric Prediction Limits
Total Vanadium	807	767	40	95.0%	Non-Parametric Prediction Limits
Total Zinc	807	639	168	79.2%	Kruskal-Wallis
Benzene	810	800	10	98.8%	Non-Parametric Prediction Limits
Carbon Disulfide	807	805	2	99.8%	Non-Parametric Prediction Limits
Chloroform	807	806	1	99.9%	Non-Parametric Prediction Limits
Cis 1,2-dichloroethene	786	778	8	99.0%	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

Total Detected Concentrations (per compound) = 862
 Total Detected Concentrations (per event) = 862
 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 J20-1472-171

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-10/10D	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	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	ND	70	NP	90	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	40	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	60	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	60	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	50	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	70	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	NS	50	NP	110	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	100	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	130	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	83	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	35	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/08/10	ND	ND	ND	21	ND	53	49	20	28	33	37	21	21	210	ND	NP	59	ND	ND	ND	ND	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	49.8	20.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/11	21.8	ND	ND	21.4	ND	32.5	61.8	ND	27.2	58.9	35.6	Dry	67.5	148	23.3	NP	57.3	20.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/12	22.6	ND	ND	24.1	22.8	21	36.6	69.1	ND	28.3	65.9	Dry	Dry	33	104	22	NP	53.5	61.6	36.1	Dry	23.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/06/12	ND	ND	ND	20.3	22.9	21.4	33.3	66.8	20.9	29.3	58.9	Dry	22.5	Dry	74.4	22	NP	61.3	25.4	ND	Dry	33.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/09/13	ND	ND	ND	20.8	21.8	ND	37	71	26.3	28.7	58.5	Dry	22.3	118	31.9	25.5	NP	72.2	86.6	22.7	Dry	26.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	NP	NP	48.7	23.7	38	ND	ND	22.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	65	48.8	29.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	64	21.8	20.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/28/15	ND	ND	20	24.9	ND	28.9	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	ND
07/08/15	ND	ND	ND	34.9	ND	28.9	67.6	ND	27.1	72.5	160	26.4	24.3	41	28	69.8	59.7	22.8	28.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/16	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	ND
07/27/16	ND	ND	ND	59.6	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	ND
01/05/17	ND	ND	ND	Dry	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	ND
07/06/17	ND	ND	ND	35.2	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	ND
01/04/18	ND	ND	ND	21.5	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	ND
07/25/18	ND	ND	ND	ND	ND	41	70	ND	29	51	550	31	230	64	28	350	84	80	28	22	ND	ND	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	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
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
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	308	46.3	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

N _i	40	40	40	39	40	40	40	40	40	40	40	40	32	33	33	29	30	12	33	21	21	18	21	21	20	1	1	7	7	7	7	7	7	7	7	7
sum of rank values (R _i)	10172	11290	12098	15907	12457	12178	23346	25185	11473	20842	19638	17216	15981	17042	15623	13112	7383.5	22797	10622	8829.5	3805.5	4597.5	3690.5	3090	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
avg rank value (Rbar)	254.3	282.2	3																																	

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J20-1472-171**

Compound: Total Barium
 GA MCL (µg/l): 2000
 Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-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	NT	20
7/18/19	ND	20
1/8/20	ND	20
7/9/20	ND	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 48.1871795 \\
 SD &= 68.2988101 \\
 N &= 39 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 994262.555 \\
 \gamma_1 &= 3.24476454
 \end{aligned}$$

Since the Coefficient of Skewness of 3.24 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.27857786 \\
 SD &= 1.03321982 \\
 N &= 39 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.74344573 \\
 \gamma_1 &= 0.70079759
 \end{aligned}$$

Since the Coefficient of Skewness of 0.70 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

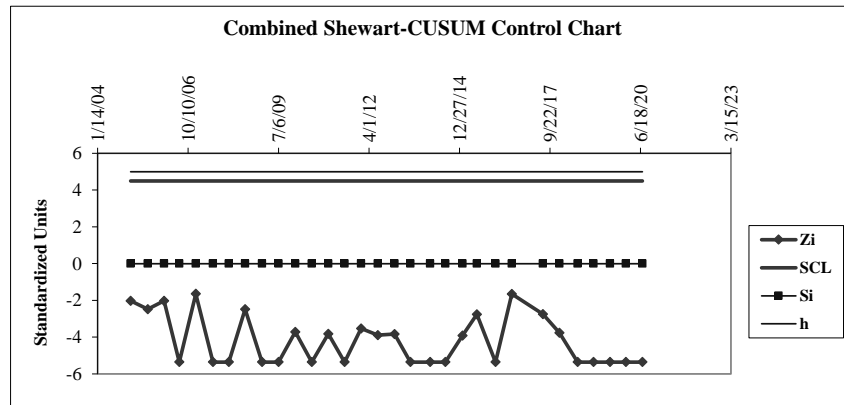
Compute the mean and standard deviation of the historical data:

- 4.88793432 = \bar{x} (Mean of N1-N8 historical data)
- 0.48319729 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
1/13/05	3.91202301	-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

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 J20-1472-171**

Compound: Total Barium
GA MCL ($\mu\text{g/l}$): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GW C-5	MDL
3/2/02	40	20
4/15/02	50	20
5/28/02	50	20
7/8/02	90	20
2/28/03	80	20
7/23/03	40	20
1/6/04	110	20
7/8/04	50	20
1/13/05	70	20
7/22/05	30	20
1/18/06	90	20
7/6/06	40	20
1/4/07	40	20
7/11/07	90	20
1/3/08	40	20
7/2/08	50	20
1/5/09	52	20
7/6/09	43	20
1/6/10	68	20
7/8/10	53	20
1/7/11	37.3	20
7/7/11	32.5	20
1/5/12	36.6	20
7/6/12	33.3	20
1/9/13	37	20
7/3/13	36.5	20
2/5/14	35.3	20
7/23/14	31	20
1/28/15	35.5	20
7/8/15	28.9	20
1/29/16	39.2	20
7/27/16	28.6	20
1/5/17	30.3	20
7/6/17	33.3	20
1/4/18	33.5	20
7/25/18	41	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20

1/17/19	38	20
2/20/19	NT	20
7/18/19	40	20
1/8/20	36	20
7/9/20	32.7	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 46.8125 \\
 SD &= 19.8865395 \\
 N &= 40 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 12586.654 \\
 \gamma_1 &= 1.66236244
 \end{aligned}$$

Since the Coefficient of Skewness of 1.66 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.77832352 \\
 SD &= 0.35086201 \\
 N &= 40 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.04712071 \\
 \gamma_1 &= 1.13317195
 \end{aligned}$$

Since the Coefficient of Skewness of 1.13 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 J20-1472-171**

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		NT	20
07/18/19		40	20
01/08/20		36	20
07/09/20		32.7	20

1) Rank the $N = 40$ observations from the smallest to the largest from background wells and compliance well GWC-5.

$$\begin{aligned}n &= 24 \\m &= 16 \\N &= 40 \\C_i \text{ (GWC-5)} &= 361.5\end{aligned}$$

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

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

$$W = 61.5$$

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

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

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

$$E(W) = 192$$

Adjustment for tie values:

$$SD(W) = 36.136$$

4) Form the appropriate Z -score.

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

$$Z = -3.625$$

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

$$Z = -3.625$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171**

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	NT	20
7/18/19	73	20
1/8/20	69	20
7/9/20	66.3	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 54.95 \\
 SD &= 16.0043103 \\
 N &= 40 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -2260.4315 \\
 \gamma_1 &= 0.57276112
 \end{aligned}$$

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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.95406424 \\
 SD &= 0.35040743 \\
 N &= 40 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.0481227 \\
 \gamma_1 &= 1.16177877
 \end{aligned}$$

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

Part 2: Shewhart-CUSUM Control Chart

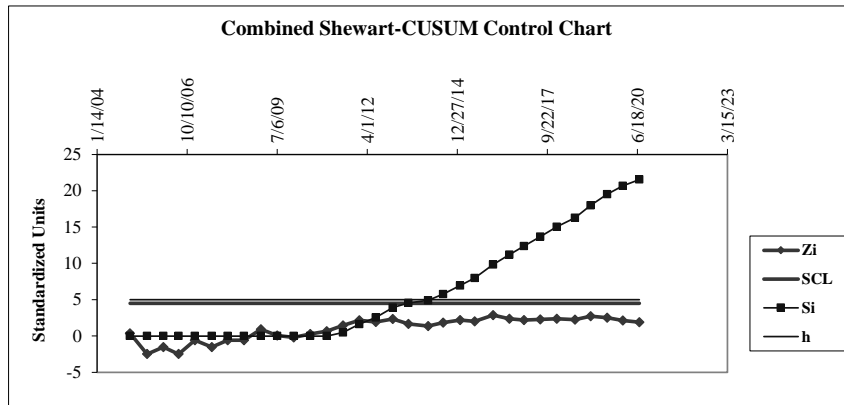
Compute the mean and standard deviation of the historical data:

- 46.25 = \bar{x}_{mean} (Mean of N1-N8 historical data)
- 10.6066017 = 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	65.7	1.83376359	5.75149229	5	4.5
1/28/15	69.6	2.20145911	6.9529514	5	4.5
7/8/15	67.6	2.0128973	7.9658487	5	4.5
1/29/16	76.7	2.87085353	9.83670223	5	4.5
7/27/16	71.3	2.36173665	11.1984389	5	4.5
1/5/17	69.4	2.18260293	12.3810418	5	4.5
7/6/17	70.5	2.28631193	13.6673537	5	4.5
1/4/18	71.4	2.37116474	15.0385185	5	4.5
7/25/18	70	2.23917147	16.27769	5	4.5
1/17/19	75	2.71057599	17.9882659	5	4.5
7/18/19	73	2.52201419	19.5102801	5	4.5
1/8/20	69	2.14489057	20.6551707	5	4.5
7/9/20	66.3	1.89033213	21.5455028	5	4.5

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 J20-1472-171**

Compound: Total Barium
GA MCL ($\mu\text{g}/\text{l}$): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-7A	MDL
3/2/02	250	20
4/15/02	170	20
5/28/02	130	20
7/8/02	40	20
2/28/03	100	20
7/23/03	70	20
1/6/04	70	20
7/8/04	50	20
1/13/05	30	20
7/22/05	30	20
1/18/06	30	20
7/6/06	40	20
1/4/07	40	20
7/11/07	40	20
1/3/08	40	20
7/2/08	30	20
1/5/09	26	20
7/6/09	30	20
1/6/10	27	20
7/8/10	28	20
1/7/11	27.3	20
7/7/11	27.2	20
1/5/12	28.3	20
7/6/12	29.3	20
1/9/13	28.7	20
7/3/13	26.8	20
2/5/14	25.6	20
7/23/14	26.2	20
1/28/15	28.8	20
7/8/15	27.1	20
1/29/16	28.1	20
7/27/16	29.1	20
1/5/17	30.1	20
7/6/17	28.4	20
1/4/18	29.2	20
7/25/18	29	20
10/2/18	NS	20
10/8/18	NS	20

11/20/18	NS	20
1/17/19	31	20
2/20/19	NT	20
7/18/19	30	20
1/8/20	32	20
7/9/20	28.7	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 46.0475 \\
 SD &= 44.381077 \\
 N &= 40 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 275303.89 \\
 \gamma_1 &= 3.27123628
 \end{aligned}$$

Since the Coefficient of Skewness of 3.27 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.62190792 \\
 SD &= 0.54094857 \\
 N &= 40 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.32788443 \\
 \gamma_1 &= 2.1515227
 \end{aligned}$$

Since the Coefficient of Skewness of 2.15 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 J20-1472-171**

Compound: Total Barium
MCL (µg/l): 2000
Method: Wilcoxon Rank Sum (intrawell)

	GWC-7 (BG)	GWC-7	MDL
03/02/02	180		20
04/15/02	20		20
05/28/02	30		20
07/08/02	40		20
02/28/03	ND		20
07/23/03	20		20
01/06/04	ND		20
07/08/04	ND		20
01/13/05	70		20
07/22/05	ND		20
01/18/06	40		20
07/06/06	20		20
01/04/07	40		20
07/11/07	ND		20
01/03/08	ND		20
07/02/08	ND		20
01/05/09		26	20
07/06/09		27	20
01/06/10		44	20
07/08/10		20	20
01/07/11		ND	20
07/07/11		ND	20
01/05/12		ND	20
07/06/12		20.9	20
01/09/13		26.3	20
07/03/13		ND	20
02/05/14		ND	20
07/23/14		ND	20
01/28/15		21.1	20
07/08/15		ND	20
01/29/16		ND	20
07/27/16		ND	20
01/05/17		ND	20
07/06/17		ND	20
01/04/18		ND	20
07/25/18		ND	20
10/02/18		NS	20
10/08/18		NS	20
11/20/18		NS	20
01/17/19		ND	20
02/20/19		NT	20
07/18/19		20	20
01/08/20		ND	20
07/09/20		ND	20

1) Rank the $N = 40$ observations from the smallest to the largest from background wells and compliance well GWC-7.

$$\begin{aligned}n &= 24 \\m &= 16 \\N &= 40 \\C_i \text{ (GWC-7)} &= 437.0\end{aligned}$$

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

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

$$W = 137$$

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

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

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

$$E(W) = 192$$

Adjustment for tie values:

$$SD(W) = 32.557$$

4) Form the appropriate Z -score.

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

$$Z = -1.705$$

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

$$Z = -1.705$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171**

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	NT	20
7/18/19	63	20
1/8/20	47	20
7/9/20	59.4	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 38.68 \\
 SD &= 20.1765947 \\
 N &= 40 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 595.530264 \\
 \gamma_1 &= 0.07531011
 \end{aligned}$$

Since the Coefficient of Skewness of 0.08 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.48671259 \\
 SD &= 0.63064924 \\
 N &= 40 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.1319335 \\
 \gamma_1 &= 0.54636695
 \end{aligned}$$

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

Part 2: Shewhart-CUSUM Control Chart

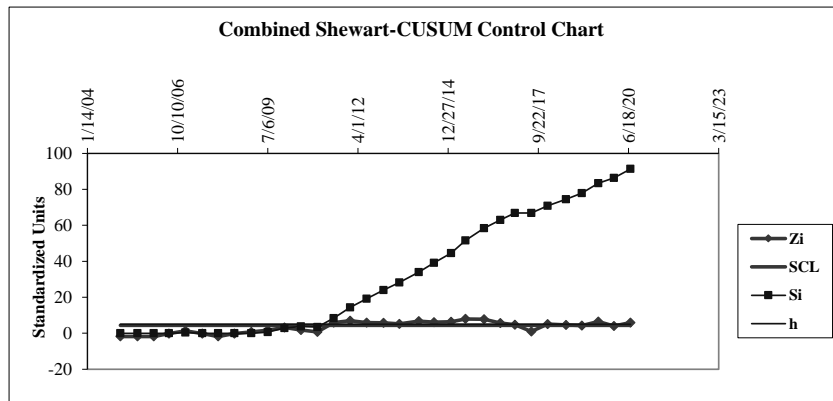
Compute the mean and standard deviation of the historical data:

- 21.25 = \bar{x}_{mean} (Mean of N1-N8 historical data)
- 6.40869944 = 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	58.9	5.87482692	8.36464609	5	4.5
1/5/12	65.9	6.96709221	14.3317383	5	4.5
7/6/12	58.9	5.87482692	19.2065652	5	4.5
1/9/13	58.5	5.81241176	24.018977	5	4.5
7/3/13	54.8	5.23507153	28.2540485	5	4.5
2/5/14	64.4	6.73303536	33.9870839	5	4.5
7/23/14	60.6	6.14009135	39.1271752	5	4.5
1/28/15	62.4	6.42095957	44.5481348	5	4.5
7/8/15	72.5	7.99694235	51.5450771	5	4.5
1/29/16	71.2	7.79409308	58.3391702	5	4.5
7/27/16	57.4	5.64077007	62.9799403	5	4.5
1/5/17	51.9	4.78256162	66.7625019	5	4.5
7/6/17	27.7	1.00644445	66.7689464	5	4.5
1/4/18	53.7	5.06342984	70.8323762	5	4.5
7/25/18	51	4.64212751	74.4745037	5	4.5
1/17/19	49	4.33005171	77.8045554	5	4.5
7/18/19	63	6.51458231	83.3191377	5	4.5
1/8/20	47	4.01797591	86.3371136	5	4.5
7/9/20	59.4	5.95284587	91.2899595	5	4.5

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 J20-1472-171**

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	NT	20
7/18/19	350	20
1/8/20	370	20
7/9/20	308	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 147.5125 \\
 SD &= 176.271828 \\
 N &= 32 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 5038585.65 \\
 \gamma_1 &= 0.96481123
 \end{aligned}$$

Since the Coefficient of Skewness of 0.96 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.

$$\begin{aligned}
 X_{\text{bar}} &= 4.10667408 \\
 SD &= 1.42481496
 \end{aligned}$$

$$N = 32$$

$$1/N \sum_i (X_i - X_{\text{bar}})^2 = 0.74354581$$

$$\gamma_i = 0.26959682$$

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

Part 2: Shewhart-CUSUM Control Chart

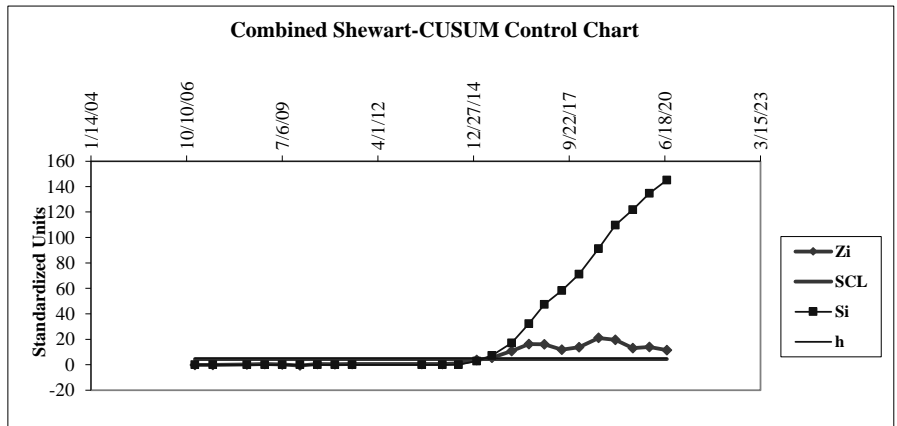
Compute the mean and standard deviation of the historical data:

- 22.5 = x_{mean} (Mean of N1-N8 historical data)
- 25 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
1/4/07	20	-0.1	0	5	4.5
7/11/07	20	-0.1	0	5	4.5
7/2/08	30	0.3	0	5	4.5
1/5/09	35	0.5	0	5	4.5
7/6/09	29	0.26	0	5	4.5
1/6/10	10	-0.5	0	5	4.5
7/8/10	37	0.58	0	5	4.5
1/7/11	34.4	0.476	0	5	4.5
7/7/11	35.6	0.524	0	5	4.5
7/3/13	37.6	0.604	0	5	4.5
2/5/14	37.2	0.588	0	5	4.5
7/23/14	49.6	1.084	0.084	5	4.5
1/28/15	115	3.7	2.784	5	4.5
7/8/15	160	5.5	7.284	5	4.5
1/29/16	293	10.82	17.104	5	4.5
7/27/16	427	16.18	32.284	5	4.5
1/5/17	426	16.14	47.424	5	4.5
7/6/17	320	11.9	58.324	5	4.5
1/4/18	366	13.74	71.064	5	4.5
7/25/18	550	21.1	91.164	5	4.5
1/17/19	510	19.5	109.664	5	4.5
7/18/19	350	13.1	121.764	5	4.5
1/8/20	370	13.9	134.664	5	4.5
7/9/20	308	11.42	145.084	5	4.5

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 J20-1472-171

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-10	MDL
2/28/03	50	20
7/23/03	20	20
1/6/04	50	20
7/8/04	60	20
1/13/05	40	20
7/22/05	260	20
1/18/06	30	20
7/6/06	30	20
1/4/07	30	20
7/11/07	40	20
1/3/08	40	20
7/2/08	140	20
1/5/09	ND	20
7/6/09	22	20
1/6/10	22	20
7/8/10	21	20
1/7/11	Dry	20
7/7/11	Dry	20
1/5/12	Dry	20
7/6/12	22.5	20
1/9/13	22.3	20
7/3/13	ND	20
2/5/14	20.4	20
7/23/14	22.5	20
1/28/15	26.2	20
7/8/15	26.4	20
1/29/16	26.9	20
7/27/16	29.1	20
1/5/17	29.9	20
7/6/17	43.2	20
1/4/18	34.7	20
7/25/18	31	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	34	20
2/20/19	NT	20
7/18/19	36	20

1/8/20	43	20
7/9/20	46.3	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 41.4969697 \\
 SD &= 44.9766779 \\
 N &= 33 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 340887.831 \\
 \gamma_1 &= 3.9236957
 \end{aligned}$$

Since the Coefficient of Skewness of 3.92 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.48237098 \\
 SD &= 0.6108198 \\
 N &= 33 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.2636131 \\
 \gamma_1 &= 1.21136106
 \end{aligned}$$

Since the Coefficient of Skewness of 1.21 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 J20-1472-171**

Compound: **Total Barium**
MCL (µg/l): 2000
Method: Wilcoxon Rank Sum (intraWell)

	GWC-10 (BG)	GWC-10	MDL
03/02/02	NP		20
04/15/02	NP		20
05/28/02	NP		20
07/08/02	NP		20
02/28/03	50		20
07/23/03	20		20
01/06/04	50		20
07/08/04	60		20
01/13/05	40		20
07/22/05	260		20
01/18/06	30		20
07/06/06	30		20
01/04/07	30		20
07/11/07	40		20
01/03/08	40		20
07/02/08	140		20
01/05/09	ND		20
07/06/09	22		20
01/06/10	22		20
07/08/10	21		20
01/07/11		Dry	20
07/07/11		Dry	20
01/05/12		Dry	20
07/06/12		22.5	20
01/09/13		22.3	20
07/03/13		ND	20
02/05/14		20.4	20
07/23/14		22.5	20
01/28/15		26.2	20
07/08/15		26.4	20
01/29/16		26.9	20
07/27/16		29.1	20
01/05/17		29.9	20
07/06/17		43.2	20
01/04/18		34.7	20
07/25/18		31	20
10/02/18		NS	20
10/08/18		NS	20
11/20/18		NS	20
01/17/19		34	20
02/20/19		NT	20
07/18/19		36	20
01/08/20		43	20
07/09/20		46.3	20

1) Rank the N = 33 observations from the smallest to the largest from background wells and compliance well GWC-10.

$$\begin{aligned}n &= 17 \\m &= 16 \\N &= 33 \\C_i \text{ (GWC-10)} &= 260.5\end{aligned}$$

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

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

$$W = 107.5$$

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

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

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

$$E(W) = 136$$

Adjustment for tie values:

$$SD(W) = 27.733$$

4) Form the appropriate Z-score.

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

$$Z = -1.046$$

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

$$Z = -1.046$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171**

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	NT	20
7/18/19	250	20
1/8/20	420	20
7/9/20	499	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 87.0121212 \\
 SD &= 117.197373 \\
 N &= 33 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 3371882.86 \\
 \gamma_1 &= 2.19363714
 \end{aligned}$$

Since the Coefficient of Skewness of 2.19 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.79610329 \\
 SD &= 1.14254762 \\
 N &= 33
 \end{aligned}$$

$$1/N\sum_i(X_i - X_{\text{bar}})^3 = 0.65334614$$

$$\gamma_1 = 0.45873971$$

Since the Coefficient of Skewness of 0.46 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

Part 2: Shewhart-CUSUM Control Chart

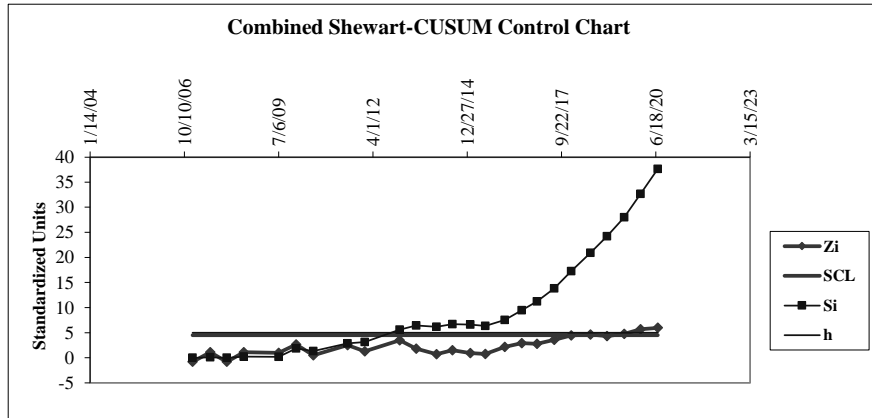
Compute the mean and standard deviation of the historical data:

- 2.76369502 = x_{mean} (Mean of N1-N8 historical data)
- 0.57702073 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
1/4/07	2.30258509	-0.79912195	0	5	4.5
7/11/07	3.40119738	1.10481707	0.10481707	5	4.5
1/3/08	2.30258509	-0.79912195	0	5	4.5
7/2/08	3.40119738	1.10481707	0.20963415	5	4.5
7/6/09	3.33220451	0.98524967	0.19488381	5	4.5
1/6/10	4.30406509	2.66952291	1.86440673	5	4.5
7/8/10	3.04452244	0.48668513	1.35109186	5	4.5
7/7/11	4.2121276	2.51019156	2.86128342	5	4.5
1/5/12	3.49650756	1.26999342	3.13127685	5	4.5
1/9/13	4.77068462	3.47819322	5.60947007	5	4.5
7/3/13	3.81990772	1.83045882	6.43992889	5	4.5
2/5/14	3.18221184	0.72530637	6.16523526	5	4.5
7/23/14	3.6454499	1.52811645	6.69335171	5	4.5
1/28/15	3.30321697	0.93501311	6.62836482	5	4.5
7/8/15	3.19047635	0.7396291	6.36799392	5	4.5
1/29/16	4.00186371	2.14579583	7.51378975	5	4.5
7/27/16	4.4578296	2.93600295	9.4497927	5	4.5
1/5/17	4.37449837	2.7915866	11.2413793	5	4.5
7/6/17	4.83628191	3.59187593	13.8332552	5	4.5
1/4/18	5.32300998	4.43539514	17.2686504	5	4.5
7/25/18	5.43807931	4.63481489	20.9034653	5	4.5
1/17/19	5.24702407	4.30370853	24.2071738	5	4.5
7/18/19	5.52146092	4.77931855	27.9864923	5	4.5
1/8/20	6.04025471	5.67840894	32.6649013	5	4.5
7/9/20	6.2126061	5.97710078	37.6420021	5	4.5

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 J20-1472-171**

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	NT	20
7/18/19	70	20
1/8/20	70	20
7/9/20	78.2	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 59.5862069 \\
 SD &= 49.6233148 \\
 N &= 29 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 153020.103 \\
 \gamma_1 &= 1.31993068
 \end{aligned}$$

Since the Coefficient of Skewness of 1.32 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned}
 X_{\text{bar}} &= 3.72715741 \\
 SD &= 0.92120993 \\
 N &= 29 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.205379
 \end{aligned}$$

$$\gamma_1 = 0.27691099$$

Since the Coefficient of Skewness of 0.28 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

Part 2: Shewhart-CUSUM Control Chart

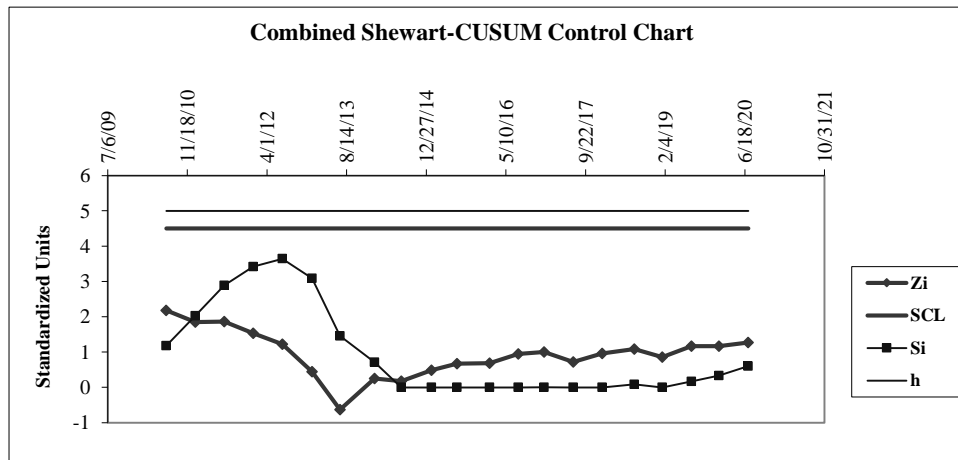
Compute the mean and standard deviation of the historical data:

- 2.9836426 = \bar{x}_{mean} (Mean of N1-N8 historical data)
- 1.08317651 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
7/8/10	5.34710753	2.18197581	1.18197581	5	4.5
1/7/11	4.98360662	1.84638793	2.02836373	5	4.5
7/7/11	4.99721227	1.85894881	2.88731254	5	4.5
1/5/12	4.6443909	1.53322039	3.42053293	5	4.5
7/6/12	4.30945594	1.22400489	3.64453782	5	4.5
1/9/13	3.46260601	0.44218409	3.08672191	5	4.5
7/3/13	2.30258509	-0.62875949	1.45796242	5	4.5
2/5/14	3.25809654	0.25337878	0.7113412	5	4.5
7/23/14	3.16968558	0.17175685	0	5	4.5
1/28/15	3.5085559	0.48460551	0	5	4.5
7/8/15	3.71357207	0.6738786	0	5	4.5
1/29/16	3.72328088	0.68284188	0	5	4.5
7/27/16	4.01096295	0.94843301	0	5	4.5
1/5/17	4.0707347	1.00361492	0.00361492	5	4.5
7/6/17	3.7658405	0.72213337	0	5	4.5
1/4/18	4.02356438	0.96006678	0	5	4.5
7/25/18	4.15888308	1.08499444	0.08499444	5	4.5
1/17/19	3.91202301	0.85709061	0	5	4.5
7/18/19	4.24849524	1.16772533	0.16772533	5	4.5
1/8/20	4.24849524	1.16772533	0.33545066	5	4.5
7/9/20	4.35926965	1.26999343	0.6054441	5	4.5

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 J20-1472-171**

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	NT	20
7/18/19	27	20
1/8/20	40	20
7/9/20	23.6	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 31.2366667 \\
 SD &= 17.9855398 \\
 N &= 30 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 8457.41885 \\
 \gamma_1 &= 1.52950989
 \end{aligned}$$

Since the Coefficient of Skewness of 1.53 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.29904235 \\
 SD &= 0.54605058 \\
 N &= 30 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.0108664
 \end{aligned}$$

$$\gamma_1 = 0.07022194$$

Since the Coefficient of Skewness of 0.07 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

Part 2: Shewhart-CUSUM Control Chart

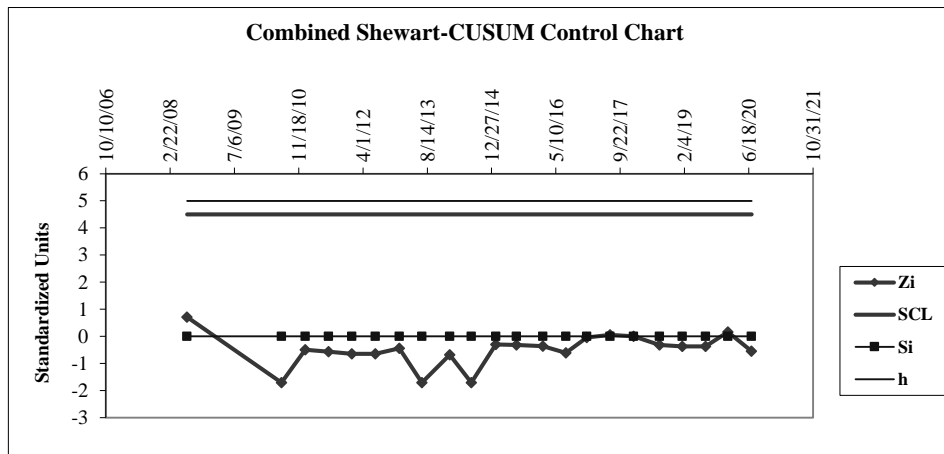
Compute the mean and standard deviation of the historical data:

- 3.56941 = \bar{x}_{mean} (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

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 J20-1472-171**

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	NT	20
7/18/19	45	20
1/8/20	25	20
7/9/20	38.7	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 73.2666667 \\
 SD &= 88.1832115 \\
 N &= 12 \\
 1/N\sum_i(X_i - X_{\text{bar}})^3 &= 1739100.79 \\
 \gamma_1 &= 2.88968073
 \end{aligned}$$

Since the Coefficient of Skewness of 2.89 is greater than 1.0, the real data appear to be significantly skewed. Do not assume that the data follow a Normal distribution. Perform the Skewness Test on the natural log of the values.

$$\begin{aligned}
 X_{\text{bar}} &= 4.00011489 \\
 SD &= 0.65653014 \\
 N &= 12 \\
 1/N\sum_i(X_i - X_{\text{bar}})^3 &= 0.47776271 \\
 \gamma_1 &= 1.92367228
 \end{aligned}$$

Since the Coefficient of Skewness of 1.92 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 J20-1472-171**

Compound: Total Barium
MCL (µg/l): 2000
Method: Wilcoxon Rank Sum (intrawell)

	GWC-14 (BG)	GWC-14	MDL
01/28/15	61.6		20
07/08/15	69.8		20
01/29/16	53.9		20
07/27/16	48.8		20
01/05/17	67.4		20
07/06/17	31.9		20
01/04/18	44.1		20
07/25/18	350		20
10/02/18		NS	20
10/08/18		NS	20
11/20/18		NS	20
01/17/19		43	20
02/20/19		NT	20
07/18/19		45	20
01/08/20		25	20
07/09/20		38.7	20

1) Rank the N = 12 observations from the smallest to the largest from background wells and compliance well GWC-14.

$$\begin{aligned}
 n &= 4 \\
 m &= 8 \\
 N &= 12 \\
 C_i \text{ (GWC-14)} &= 14.0
 \end{aligned}$$

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.

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

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

$$E(W) = 16$$

Adjustment for tie values:

$$SD(W) = 5.888$$

4) Form the appropriate Z-score.

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

$$Z = -2.123$$

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

$$Z = -2.123$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171**

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	NT	20
7/18/19	100	20
1/8/20	85	20
7/9/20	116	20

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

$$\begin{aligned} X_{\text{bar}} &= 71.8666667 \\ SD &= 21.6529251 \\ N &= 33 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 7674.67441 \\ \gamma_1 &= 0.79169186 \end{aligned}$$

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.

$$\begin{aligned} X_{\text{bar}} &= 4.23245184 \\ SD &= 0.29537601 \\ N &= 33 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.00064378 \\ \gamma_1 &= 0.02616124 \end{aligned}$$

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

Part 2: Shewhart-CUSUM Control Chart

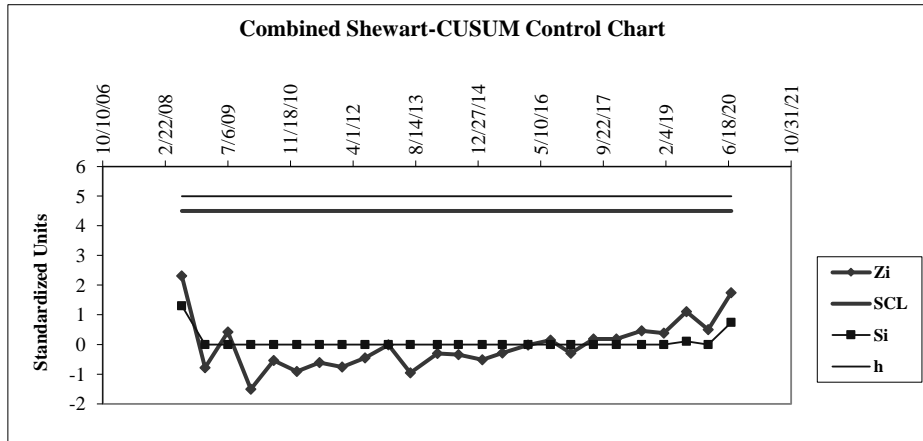
Compute the mean and standard deviation of the historical data:

- 72.5 = x_{mean} (Mean of N1-N8 historical data)
- 24.9284691 = 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

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 J20-1472-171**

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	NT	20
7/18/19	110	20
1/8/20	130	20
7/9/20	ND	20

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

$$\begin{aligned}
 \bar{X}_{\text{bar}} &= 45.7571429 \\
 \text{SD} &= 33.4072832 \\
 N &= 21 \\
 1/N \sum_i (X_i - \bar{X}_{\text{bar}})^3 &= 37982.8553 \\
 \gamma_1 &= 1.09609471
 \end{aligned}$$

Since the Coefficient of Skewness of 1.10 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.57879627 \\
 \text{SD} &= 0.72406899 \\
 N &= 21 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.02322208 \\
 \gamma_1 &= 0.06581809
 \end{aligned}$$

Since the Coefficient of Skewness of 0.07 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

Part 2: Shewhart-CUSUM Control Chart

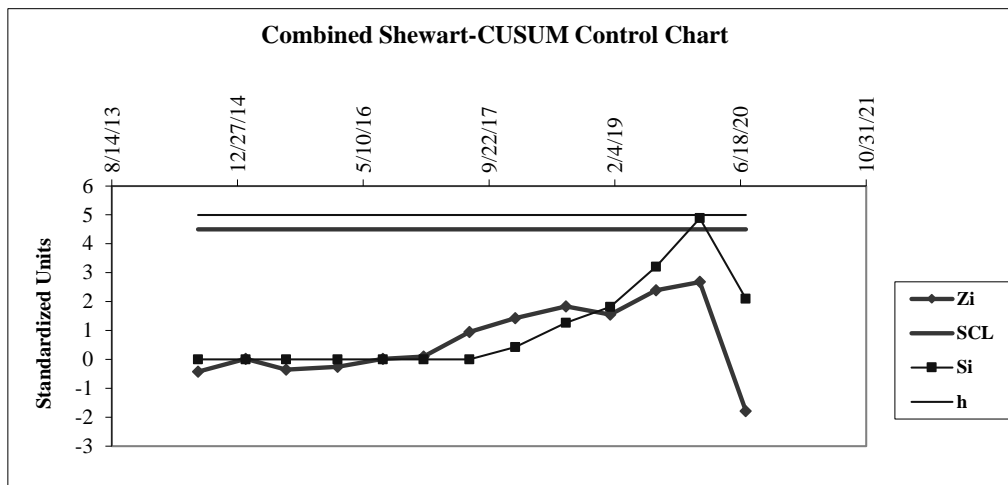
Compute the mean and standard deviation of the historical data:

$$\begin{aligned}
 3.32861177 &= x_{\text{mean}} \text{ (Mean of N1-N8 historical data)} \\
 0.57404195 &= s \text{ (Standard Deviation of N1-N8 historical data)} \\
 1 &= k \text{ (constant, reference value)} \\
 5 &= h \text{ (constant, upper control limit for the CUSUM scheme)} \\
 4.5 &= \text{SCL (Constant, upper Shewhart Control Limit)}
 \end{aligned}$$

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
7/23/14	3.08190997	-0.42976267	0	5	4.5
1/28/15	3.33932198	0.01865754	0	5	4.5
7/8/15	3.12676054	-0.3516315	0	5	4.5
1/29/16	3.18221184	-0.2550335	0	5	4.5
7/27/16	3.33576958	0.01246914	0	5	4.5
1/5/17	3.38439026	0.09716798	0	5	4.5
7/6/17	3.87120101	0.94520835	0	5	4.5
1/4/18	4.14788533	1.42720156	0.42720156	5	4.5
7/25/18	4.38202663	1.83508344	1.262285	5	4.5
1/17/19	4.21950771	1.5519701	1.8142551	5	4.5
7/18/19	4.70048037	2.38984034	3.20409543	5	4.5
1/8/20	4.86753445	2.68085406	4.88494949	5	4.5
7/9/20	2.30258509	-1.78737231	2.09757719	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 J20-1472-171**

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	NT	20
7/18/19	32	20
1/8/20	36	20
7/9/20	28.2	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 27.0142857 \\
 SD &= 9.79924924 \\
 N &= 21 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -586.85612 \\
 \gamma_1 &= 0.67102264
 \end{aligned}$$

Since the Coefficient of Skewness of 0.67 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 \bar{X}_{\text{bar}} &= 3.20645971 \\
 \text{SD} &= 0.47818115 \\
 N &= 21 \\
 1/N \sum_i (X_i - \bar{X}_{\text{bar}})^2 &= -0.1183398 \\
 \gamma_1 &= 1.16449444
 \end{aligned}$$

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

Part 2: Shewhart-CUSUM Control Chart

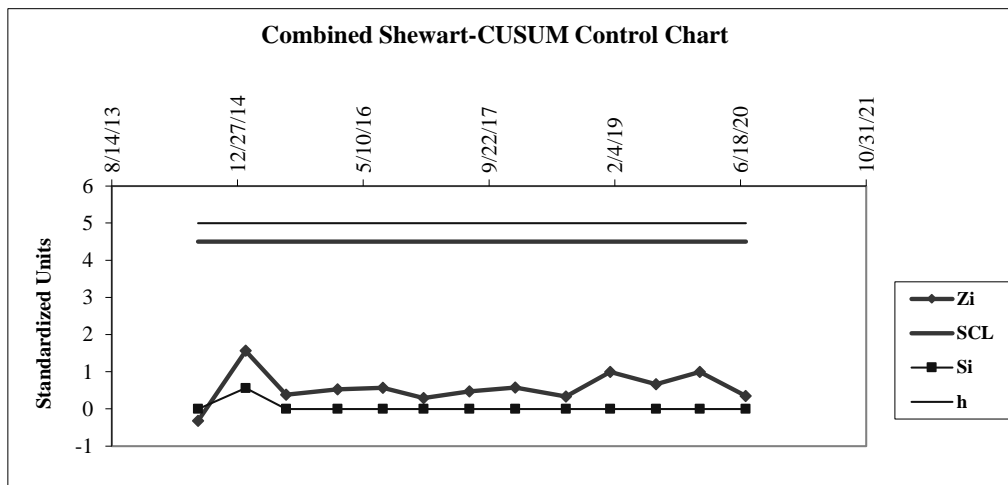
Compute the mean and standard deviation of the historical data:

$$\begin{aligned}
 24.0166667 &= \bar{x}_{\text{mean}} \text{ (Mean of N1-N8 historical data)} \\
 12.0116484 &= s \text{ (Standard Deviation of N1-N8 historical data)} \\
 1 &= k \text{ (constant, reference value)} \\
 5 &= h \text{ (constant, upper control limit for the CUSUM scheme)} \\
 4.5 &= \text{SCL (Constant, upper Shewhart Control Limit)}
 \end{aligned}$$

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

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 J20-1472-171

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/H	GWC-11	GWC-12/E	GWC-13/E	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	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	3	
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	3	
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	3	
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	3	
08/28/03	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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3	
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	3		
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	3	
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	3	
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	3
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3
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	3
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	3
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	3

- 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' = 40.
- 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 compared individually) 'm' = 2.

n = 80
 PL = 1.5
 m = 3
 false positive rate (α) = 0.04

	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/E	GWC-13/E	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			
C =	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
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 Concentrations Detected (C) in each well during the most recent sampling event. Since the Prediction Limit was not exceeded, there is no evidence of contamination at the false positive rate of 0.04.

Eagle Point MSW Landfill
 Forsyth County, Georgia
 BLE Project Number J20-1472-171

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/E	GWC-13/E	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	5	
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	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	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	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	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	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	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	5	
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	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	5	
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	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	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	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	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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5

- 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' = 40.
- 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 = 80
 PL = 2.5
 m = 3
 false positive rate (α) = 0.04

	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/E	GWC-13/E	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			
C =	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
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 Concentrations Detected (C) in each well during the most recent sampling event. Since the Prediction Limit was not exceeded, there is no evidence of contamination at the false positive rate of 0.04.

Eagle Point MSW Landfill
 Forsyth County, Georgia
 BLE Project Number J20-1472-171

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-10/10H	GWC-11	GWC-12/E	GWC-13/E	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	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	30	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	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	
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	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry		
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	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry		
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry		
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry		
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry		
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry		
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry		
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	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
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

- 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' = 40.
- 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 = 80
 PL = 30
 m = 3
 false positive rate (α) = 0.04

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/E	GWC-13/E	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			
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 Concentrations Detected (C) in each well during the most recent sampling event. Since the Prediction Limit was not exceeded, there is no evidence of contamination at the false positive rate of 0.04.

Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J20-1472-171

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	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	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		
07/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	ND	
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	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	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	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	ND	ND
01/05/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	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	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	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	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	ND
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
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	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	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	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' = 40.
- 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 compliance well compared individually) 'm' = 2.

n = 80
PL = 20
m = 3
false positive rate (α) = 0.04

C =	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29							
SSI =	No	No	No	No	No	No	No	No	No	Yes	No	Yes	Yes	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 Concentrations Detected (C) in each well during the most recent sampling event.
Since the Prediction Limit was exceeded in one or more of the wells, the concentrations in the subject wells are statistically significant at the false positive rate of 0.04. Intra-well testing should be performed.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J20-1472-171**

Compound: Total Cobalt
MCL (µg/l): Not Established
Method: Wilcoxon Rank Sum (intrawell)

	GWC-9 (BG)	GWC-9	MDL
02/28/03	ND		40
07/23/03	ND		40
01/06/04	ND		40
07/08/04	ND		40
01/13/05	ND		40
07/22/05	ND		40
01/18/06	ND		40
07/06/06	ND		40
01/04/07	ND		40
07/11/07	ND		40
01/03/08	Dry		40
07/02/08	ND		40
01/05/09	ND		40
07/06/09	ND		40
01/06/10	ND		40
07/08/10	ND		40
01/07/11		ND	40
07/07/11		ND	40
01/05/12		Dry	40
07/06/12		Dry	40
01/09/13		Dry	40
07/03/13		ND	40
02/05/14		120	40
07/23/14		125	40
01/28/15		74.8	40
07/08/15		171	40
01/29/16		186	40
07/27/16		155	40
01/05/17		87.3	40
07/06/17		113	40
01/04/18		208	40
07/25/18		250	40
10/02/18		NS	40
10/08/18		NS	40
11/20/18		NS	40
01/17/19		290	40
02/20/19		NT	40
07/18/19		170	40
01/08/20		140	40
07/09/20		118	40

1) Rank the N = 32 observations from the smallest to the largest from background wells and compliance well GWC-9.

n = 17
m = 15
N = 32

Cobalt (IntraWil C-9)

$$C_i (\text{GWC-9}) = 385.5$$

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

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

$$W = 232.5$$

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

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

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

$$E(W) = 127.5$$

Adjustment for tie values:

$$SD(W) = 24.015$$

4) Form the appropriate Z-score.

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

$$Z = 4.352$$

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

$$Z = 4.352$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171**

Compound: Total Cobalt
MCL (µg/l): Not Established
Method: Wilcoxon Rank Sum (intrawell)

	GWC-11 (BG)	CWC-11	MDL
02/28/03	ND		40
07/23/03	ND		40
01/06/04	ND		40
07/08/04	ND		40
01/13/05	ND		40
07/22/05	ND		40
01/18/06	ND		40
07/06/06	ND		40
01/04/07	ND		40
07/11/07	ND		40
01/03/08	ND		40
07/02/08	ND		40
01/05/09	Dry		40
07/06/09	ND		40
01/06/10	ND		40
07/08/10	ND		40
01/07/11	Dry		40
07/07/11	ND		40
01/05/12		ND	40
07/06/12		Dry	40
01/09/13		ND	40
07/03/13		ND	40
02/05/14		ND	40
07/23/14		ND	40
01/28/15		ND	40
07/08/15		ND	40
01/29/16		ND	40
07/27/16		ND	40
01/05/17		ND	40
07/06/17		ND	40
01/04/18		ND	40
07/25/18		ND	40
10/02/18		NS	40
10/08/18		NS	40
11/20/18		NS	40
01/17/19		44	40
02/20/19		NT	40
07/18/19		57	40
01/08/20		74	40
07/09/20		114	40

1) Rank the N = 33 observations from the smallest to the largest from background wells and compliance well CWC-11.

n = 17

m = 16

Cobalt (IntraWil C-11)

$$N = 33$$

$$C_i \text{ (CWC-11)} = 321.0$$

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

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

$$W = 168$$

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

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

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

$$E(W) = 136$$

Adjustment for tie values:

$$SD(W) = 15.741$$

4) Form the appropriate Z-score.

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

$$Z = 2.001$$

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

$$Z = 2.001$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171**

Compound: Total Cobalt
MCL (µg/l): Not Established
Method: Wilcoxon Rank Sum (intrawell)

	GWC-12R (BG)	CWC-12R	MDL
02/28/03	NP		40
07/23/03	NP		40
01/06/04	NP		40
07/08/04	ND		40
01/13/05	ND		40
07/22/05	ND		40
01/18/06	ND		40
07/06/06	ND		40
01/04/07	ND		40
07/11/07	NS		40
01/03/08	Dry		40
07/02/08	Dry		40
01/05/09	Dry		40
07/06/09	ND		40
01/06/10	ND		40
07/08/10	ND		40
01/07/11	ND		40
07/07/11	ND		40
01/05/12	ND		40
07/06/12	ND		40
01/09/13	ND		40
07/03/13		ND	40
02/05/14		ND	40
07/23/14		ND	40
01/28/15		ND	40
07/08/15		ND	40
01/29/16		51	40
07/27/16		75.1	40
01/05/17		60.4	40
07/06/17		ND	40
01/04/18		48.6	40
07/25/18		67	40
10/02/18		NS	40
10/08/18		NS	40
11/20/18		NS	40
01/17/19		47	40
02/20/19		NT	40
07/18/19		73	40
01/08/20		69	40
07/09/20		86.9	40

1) Rank the N = 29 observations from the smallest to the largest from background wells and compliance well CWC-12R.

n = 15

m = 14

Cobalt (IntraWil C-12R)

$$N = 29$$

$$C_i \text{ (CWC-12R)} = 288.0$$

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

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

$$W = 168$$

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

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

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

$$E(W) = 105$$

Adjustment for tie values:

$$SD(W) = 18.789$$

4) Form the appropriate Z-score.

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

$$Z = 3.326$$

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

$$Z = 3.326$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171

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/H	GWC-11	GWC-12/E	GWC-13/E	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	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	ND			
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	ND	ND		
05/28/02	ND	ND	20	ND	ND	60	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		
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	ND	ND		
02/28/03	20	30	20	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	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	ND
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	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	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	ND	ND	ND	ND
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.5	ND	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	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	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	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	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	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	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	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	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	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	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	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	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
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

- 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' = 40.
- 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 = 80
 PL = 30
 m = 3
 false positive rate (α) = 0.04

	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/E	GWC-13/E	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							
C =	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
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	No	No	No	No

Eagle Point MSW Landfill
 Forsyth County, Georgia
 BLE Project Number J20-1472-171

Compound: Total Lead
 GA MCL (µg/l): 15
 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/E	GWC-13/E	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	26	ND	ND	ND	ND	ND	18	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	15
04/15/02	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	ND	ND	ND	15
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	15
07/08/02	ND	ND	30	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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
01/05/17	ND	ND	ND	Dry	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	15
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	15
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	15
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	15
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	15
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	15
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	15
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	15
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	15
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	15
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	15
07/09/20	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	15

- 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' = 40.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 7.5.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'm' = 2.

n = 80
 PL = 7.5
 m = 3
 false positive rate (α) = 0.04

	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/E	GWC-13/E	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			
C =	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	
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 Concentrations Detected (C) in each well during the most recent sampling event. Since the Prediction Limit was not exceeded, there is no evidence of contamination at the false positive rate of 0.04.

Eagle Point MSW Landfill
 Forsyth County, Georgia
 BLE Project Number J20-1472-171

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/H	GWC-11	GWC-12/E	GWC-13/E	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	30	ND	ND	ND	ND	ND	ND	60	60	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20		
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	Dry	Dry	Dry	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	Dry	Dry	Dry	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	22.4	ND	21.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	
01/05/17	ND	ND	ND	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	ND	20	
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	
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	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	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	NS	20	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20	
01/17/19	ND	ND	ND	ND	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	ND	20
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	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	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' = 40.
- 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 = 80
 PL = 20
 m = 3
 false positive rate (α) = 0.04

	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/E	GWC-13/E	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				
C =	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
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	No

- 4) Compare the Prediction Limit (PL) to each Concentrations Detected (C) in each well during the most recent sampling event. Since the Prediction Limit was not exceeded, there is no evidence of contamination at the false positive rate of 0.04.

Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J20-1472-171

Compound: Total Selenium
GA MCL (µg/l): 50
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-10H	GWC-11	GWC-12E	GWC-13E	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			
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	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	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	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	ND
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	NP	NP	
07/27/16	ND	ND	ND	13.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.2	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	12.7	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	11	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	17	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	22	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	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	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	17	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	11.4	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' = 40.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 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 = 80
PL = 5
m = 3
false positive rate (α) = 0.04

C =	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10H	GWC-11	GWC-12E	GWC-13E	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	Yes	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 Concentrations Detected (C) in each well during the most recent sampling event.
Since the Prediction Limit was exceeded in one or more of the wells, the concentrations in the subject wells are statistically significant at the false positive rate of 0.04. Intrawell testing should be performed.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J20-1472-171**

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		NT	10
07/18/19		23	10
01/08/20		17	10
07/09/20		11.4	10

1) Rank the N = 33 observations from the smallest to the largest from background wells and compliance well CWC-11.

n = 17

m = 16

Selenium (IntraWil C-11)

$$N = 33$$

$$C_i \text{ (CWC-11)} = 337.0$$

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

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

$$W = 184$$

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

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

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

$$E(W) = 136$$

Adjustment for tie values:

$$SD(W) = 18.672$$

4) Form the appropriate Z-score.

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

$$Z = 2.544$$

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

$$Z = 2.544$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171

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/H	GWC-11	GWC-12/E	GWC-13/E	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	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
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
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
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
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
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
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
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	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
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	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
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	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
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	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	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	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	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	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	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
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	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	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
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
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
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
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

- 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' = 40.
- 3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 70.
- 4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'm' = 2.

n = 80
 PL = 70
 m = 3
 false positive rate (α) = 0.04

	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/E	GWC-13/E	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			
C =	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
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 Concentrations Detected (C) in each well during the most recent sampling event. Since the Prediction Limit was not exceeded, there is no evidence of contamination at the false positive rate of 0.04.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J20-1472-171**

Compound: Total Zinc
GA MCL (µg/l): Not Established
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	Zinc C-9	MDL
2/28/03	110	20
7/23/03	60	20
1/6/04	ND	20
7/8/04	ND	20
1/13/05	ND	20
7/22/05	30	20
1/18/06	ND	20
7/6/06	ND	20
1/4/07	ND	20
7/11/07	ND	20
1/3/08	Dry	20
7/2/08	20	20
1/5/09	ND	20
7/6/09	28	20
1/6/10	ND	20
7/8/10	38	20
1/7/11	26.2	20
7/7/11	42.4	20
1/5/12	Dry	20
7/6/12	Dry	20
1/9/13	Dry	20
7/3/13	21.7	20
2/5/14	23.1	20
7/23/14	27.4	20
1/28/15	62	20
7/8/15	91.1	20
1/29/16	121	20
7/27/16	173	20
1/5/17	186	20
7/6/17	136	20
1/4/18	155	20
7/25/18	220	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	200	20
2/20/19	NT	20
7/18/19	140	20
1/8/20	130	20
7/9/20	106	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 69.903125 \\
 SD &= 66.7125199 \\
 N &= 32 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 229358.513 \\
 \gamma_1 &= 0.81016831
 \end{aligned}$$

Since the Coefficient of Skewness of 0.81 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.69874902 \\
 SD &= 1.12899542 \\
 N &= 32 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.055209
 \end{aligned}$$

$$\gamma_1 = 0.04023609$$

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

Part 2: Shewhart-CUSUM Control Chart

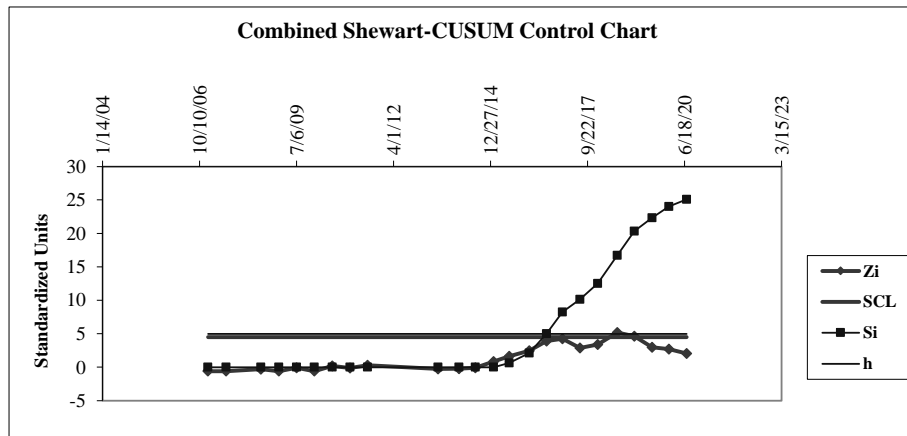
Compute the mean and standard deviation of the historical data:

- 31.25 = x_{mean} (Mean of N1-N8 historical data)
- 36.4250699 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
1/4/07	10	-0.58338941	0	5	4.5
7/11/07	10	-0.58338941	0	5	4.5
7/2/08	20	-0.30885322	0	5	4.5
1/5/09	10	-0.58338941	0	5	4.5
7/6/09	28	-0.08922426	0	5	4.5
1/6/10	10	-0.58338941	0	5	4.5
7/8/10	38	0.18531193	0	5	4.5
1/7/11	26.2	-0.13864078	0	5	4.5
7/7/11	42.4	0.30610785	0	5	4.5
7/3/13	21.7	-0.26218206	0	5	4.5
2/5/14	23.1	-0.223747	0	5	4.5
7/23/14	27.4	-0.10569643	0	5	4.5
1/28/15	62	0.84419879	0	5	4.5
7/8/15	91.1	1.64309911	0.64309911	5	4.5
1/29/16	121	2.46396233	2.10706144	5	4.5
7/27/16	173	3.89155053	4.99861198	5	4.5
1/5/17	186	4.24844758	8.24705956	5	4.5
7/6/17	136	2.87576662	10.1228262	5	4.5
1/4/18	155	3.39738539	12.5202116	5	4.5
7/25/18	220	5.18187064	16.7020822	5	4.5
1/17/19	200	4.63279825	20.3348805	5	4.5
7/18/19	140	2.9855811	22.3204616	5	4.5
1/8/20	130	2.7110449	24.0315065	5	4.5
7/9/20	106	2.05215804	25.0836645	5	4.5

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 J20-1472-171**

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	180		20
7/23/03	50		20
1/6/04	ND		20
7/8/04	40		20
1/13/05	ND		20
7/22/05	30		20
1/18/06	ND		20
7/6/06	ND		20
1/4/07	ND		20
7/11/07	ND		20
1/3/08	ND		20
7/2/08	ND		20
1/5/09	Dry		20
7/6/09	ND		20
1/6/10	28		20
7/8/10	47		20
1/7/11	Dry		20
7/7/11	44		20
1/5/12	ND		20
7/6/12	Dry		20
1/9/13	86.1		20
7/3/13	34.5		20
2/5/14	ND		20
7/23/14	ND		20
1/28/15	ND		20
7/8/15	ND		20
1/29/16	ND		20
7/27/16	ND		20
1/5/17	ND		20
7/6/17	29		20
1/4/18	41.6		20
7/25/18	46		20
10/2/18	NS		20
10/8/18	NS		20
11/20/18	NS		20
1/17/19	46		20
2/20/19	NT		20
7/18/19	59		20
1/8/20	82		20
7/9/20	86.6		20

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

$$\begin{aligned}
 X_{\text{bar}} &= 33.3272727 \\
 SD &= 35.5700214 \\
 N &= 33 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 102515.67 \\
 \gamma_1 &= 2.38552415
 \end{aligned}$$

Since the Coefficient of Skewness of 2.39 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.09091664 \\
 SD &= 0.89171634 \\
 N &= 33 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.36571264
 \end{aligned}$$

$$\gamma_1 = 0.54013925$$

Since the Coefficient of Skewness of 0.54 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

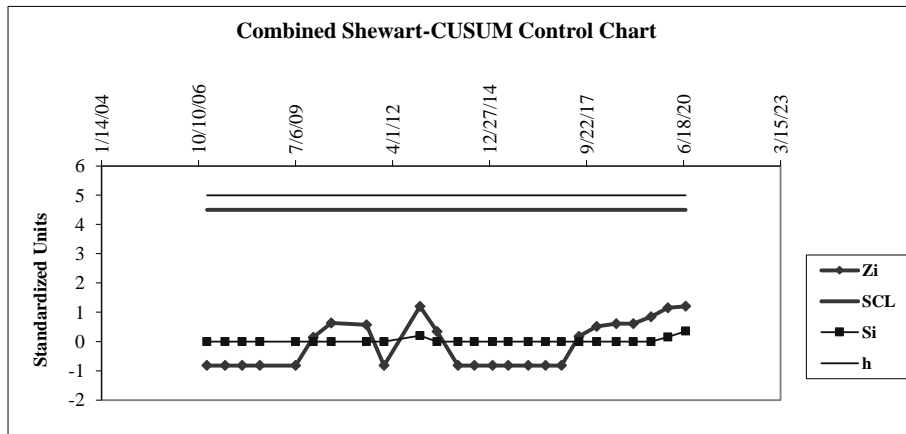
Compute the mean and standard deviation of the historical data:

- 3.17567463 = x_{mean} (Mean of N1-N8 historical data)
- 1.06737445 = s (Standard Deviation of N1-N8 historical data)
- 1 = k (constant, reference value)
- 5 = h (constant, upper control limit for the CUSUM scheme)
- 4.5 = SCL (Constant, upper Shewhart Control Limit)

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
1/4/07	2.30258509	-0.81797867	0	5	4.5
7/11/07	2.30258509	-0.81797867	0	5	4.5
1/3/08	2.30258509	-0.81797867	0	5	4.5
7/2/08	2.30258509	-0.81797867	0	5	4.5
7/6/09	2.30258509	-0.81797867	0	5	4.5
1/6/10	3.33220451	0.14664945	0	5	4.5
7/8/10	3.8501476	0.63189911	0	5	4.5
7/7/11	3.78418963	0.57010452	0	5	4.5
1/5/12	2.30258509	-0.81797867	0	5	4.5
1/9/13	4.45550941	1.19904948	0.19904948	5	4.5
7/3/13	3.54095932	0.34222731	0	5	4.5
2/5/14	2.30258509	-0.81797867	0	5	4.5
7/23/14	2.30258509	-0.81797867	0	5	4.5
1/28/15	2.30258509	-0.81797867	0	5	4.5
7/8/15	2.30258509	-0.81797867	0	5	4.5
1/29/16	2.30258509	-0.81797867	0	5	4.5
7/27/16	2.30258509	-0.81797867	0	5	4.5
1/5/17	2.30258509	-0.81797867	0	5	4.5
7/6/17	3.36729583	0.17952575	0	5	4.5
1/4/18	3.72810017	0.51755551	0	5	4.5
7/25/18	3.8286414	0.61175041	0	5	4.5
1/17/19	3.8286414	0.61175041	0	5	4.5
7/18/19	4.07753744	0.84493573	0	5	4.5
1/8/20	4.40671925	1.15333903	0.15333903	5	4.5
7/9/20	4.46129982	1.20447438	0.35781341	5	4.5

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 J20-1472-171

Compound: Benzene
 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-10/10D	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				
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	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	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	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	ND	
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	NP	NP	
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/06/12	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	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	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	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	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	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	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	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	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	NP	NP
01/05/17	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	NP	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	NP	
01/04/18	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	NP	NP	NP	NP
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	ND	ND	NP	NP	NP	NP	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	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	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	NS	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	NP	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	2.6	2.7	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	3.2	ND	NP	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' = 40.
- 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 = 80
 PL = 1
 m = 3
 false positive rate (α) = 0.04

C =	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	GWC-11	GWC-12/12R	GWC-13/13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29						
SSI =	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	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 Concentrations Detected (C) in each well during the most recent sampling event. Since the Prediction Limit was exceeded in one or more of the wells, the concentrations in the subject wells are statistically significant at the false positive rate of

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J20-1472-171**

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		NT	2
07/18/19		ND	2
01/08/20		2.6	2
07/09/20		2.6	2

1) Rank the N = 34 observations from the smallest to the largest from background wells and compliance well CWC-11.

n = 18

m = 16

Benzene (IntraWil C-11)

$$N = 34$$

$$C_i \text{ (CWC-11)} = 331.0$$

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

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

$$W = 160$$

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:

$$SD(W) = 11.817$$

4) Form the appropriate Z-score.

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

$$Z = 1.312$$

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

$$Z = 1.312$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171**

Compound: Benzene
MCL (µg/l): 5
Method: Wilcoxon Rank Sum
Background: MCL/AGWPS

	MCL/AGWPS	GWC-11	MDL
02/28/03	5	ND	2
07/23/03	5	ND	2
01/06/04	5	ND	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	5	ND	2
01/03/08	5	ND	2
07/02/08	5	ND	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	-	Dry	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	ND	2
01/05/17	5	ND	2
07/06/17	5	ND	2
01/04/18	5	ND	2
07/25/18	5	ND	2
10/02/18	-	NS	2
10/08/18	-	NS	2
11/20/18	-	NS	2
01/17/19	5	ND	2
02/20/19	-	NT	2
07/18/19	5	ND	2
01/08/20	5	2.6	2
07/09/20	5	2.6	2

1) Rank the N = 68 observations from the smallest to the largest from background wells and compliance well GWC-11.

n = 34
m = 34
N = 68

$$C_i (\text{GWC-11}) = 595.0$$

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

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

$$W = 0$$

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

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

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

$$E(W) = 578$$

Adjustment for tie values:

$$SD(W) = 71.585$$

- 4) Form the appropriate Z-score.

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

$$Z = -8.081$$

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

$$Z = -8.081$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171**

Compound: Benzene
MCL (µg/l): 5
Method: Wilcoxon Rank Sum (intrawell)

	GWC-12R (BG)	CWC-12R	MDL
02/28/03	NP		2
07/23/03	NP		2
01/06/04	NP		2
07/08/04	ND		2
01/13/05	ND		2
07/22/05	ND		2
01/18/06	ND		2
07/06/06	ND		2
01/04/07	ND		2
07/11/07	NS		2
01/03/08	Dry		2
07/02/08	Dry		2
01/05/09	Dry		2
07/06/09	ND		2
01/06/10	ND		2
07/08/10	ND		2
01/07/11	ND		2
07/07/11	ND		2
01/05/12	ND		2
07/06/12	ND		2
01/09/13	ND		2
07/03/13		ND	2
02/05/14		ND	2
07/23/14		ND	2
01/28/15		ND	2
07/08/15		ND	2
01/29/16		ND	2
07/27/16		2.1	2
01/05/17		2.3	2
07/06/17		ND	2
01/04/18		2.3	2
07/25/18		2.9	2
10/02/18		NS	2
10/08/18		NS	2
11/20/18		NS	2
01/17/19		2.1	2
02/20/19		NT	2
07/18/19		2.8	2
01/08/20		2.7	2
07/09/20		3.2	2

1) Rank the N = 29 observations from the smallest to the largest from background wells and compliance well CWC-12R.

n = 15

m = 14

Benzene (IntraWil C-12R)

$$N = 29$$

$$C_i \text{ (CWC-12R)} = 281.0$$

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

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

$$W = 161$$

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

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

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

$$E(W) = 105$$

Adjustment for tie values:

$$SD(W) = 18.044$$

4) Form the appropriate Z-score.

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

$$Z = 3.076$$

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

$$Z = 3.076$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171**

Compound: Benzene
MCL (µg/l): 5
Method: Wilcoxon Rank Sum
Background: MCL/AGWPS

	MCL/AGWPS	GWC-12/12R	MDL
02/28/03	-	NP	2
07/23/03	-	NP	2
01/06/04	-	NP	2
07/08/04	5	ND	2
01/13/05	5	ND	2
07/22/05	5	ND	2
01/18/06	5	ND	2
07/06/06	5	ND	2
01/04/07	5	ND	2
07/11/07	-	NS	2
01/03/08	-	Dry	2
07/02/08	-	Dry	2
01/05/09	-	Dry	2
07/06/09	5	ND	2
01/06/10	5	ND	2
07/08/10	5	ND	2
01/07/11	5	ND	2
07/07/11	5	ND	2
01/05/12	5	ND	2
07/06/12	5	ND	2
01/09/13	5	ND	2
07/03/13	5	ND	2
02/05/14	5	ND	2
07/23/14	5	ND	2
01/28/15	5	ND	2
07/08/15	5	ND	2
01/29/16	5	ND	2
07/27/16	5	2.1	2
01/05/17	5	2.3	2
07/06/17	5	ND	2
01/04/18	5	2.3	2
07/25/18	5	2.9	2
10/02/18	-	NS	2
10/08/18	-	NS	2
11/20/18	-	NS	2
01/17/19	5	2.1	2
02/20/19	-	NT	2
07/18/19	5	2.8	2
01/08/20	5	2.7	2
07/09/20	5	3.2	2

1) Rank the N = 58 observations from the smallest to the largest from background wells and compliance well GWC-12/12R.

n = 29
m = 29
N = 58

$$C_i (\text{GWC-12/12R}) = 435.0$$

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

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

$$W = 0$$

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

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

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

$$E(W) = 420.5$$

Adjustment for tie values:

$$SD(W) = 58.501$$

- 4) Form the appropriate Z-score.

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

$$Z = -7.196$$

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

$$Z = -7.196$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171

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/E	GWC-13/E	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	5	
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/23/03	9	ND	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	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	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	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	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	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	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	5	
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	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	5	
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	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	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	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	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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
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	5	
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
01/08/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
07/09/20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5

- 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' = 40.
- 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 = 80
 PL = 9
 m = 3
 false positive rate (α) = 0.04

	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/E	GWC-13/E	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		
C =	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
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

- 4) Compare the Prediction Limit (PL) to each Concentrations Detected (C) in each well during the most recent sampling event. Since the Prediction Limit was not exceeded, there is no evidence of contamination at the false positive rate of 0.04.

Eagle Point MSW Landfill
 Forsyth County, Georgia
 BLE Project Number J20-1472-171

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-10/10D	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				
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			
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	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	ND
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	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	Dry	Dry	Dry	NP	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	NP	NP	
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	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
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

- 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' = 40.
- 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 = 80
 PL = 1
 m = 3
 false positive rate (α) = 0.04

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/H	GWC-13/H	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	No	No	No

- 4) Compare the Prediction Limit (PL) to each Concentrations Detected (C) in each well during the most recent sampling event. Since the Prediction Limit was not exceeded, there is no evidence of contamination at the false positive rate of 0.04.

Eagle Point MSW Landfill
 Forsyth County, Georgia
 BLE Project Number J20-1472-171

Compound: Cis 1,2-Dichloroethene
 GA MCL (µg/l): 70
 Method: Non-Parametric Prediction Limits
 Background: GWA-1, GWA-2

Date	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/HD	GWC-11	GWC-12/ER	GWC-13/ER	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		
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	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	
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	
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
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
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
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
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
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
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
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5	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	3.4	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	3.4	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	2.6	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	
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	
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	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
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	2.3	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	2.3	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' = 40.
- 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 = 80
 PL = 1
 m = 3
 false positive rate (α) = 0.04

C =	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/HD	GWC-11	GWC-12/ER	GWC-13/ER	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	Yes	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 Concentrations Detected (C) in each well during the most recent sampling event.
 Since the Prediction Limit was exceeded in one or more of the wells, the concentrations in the subject wells are statistically significant at the false positive rate of 0.04. Intrawell testing should be performed.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J20-1472-171**

Compound: Cis 1,2-Dichloroethene
MCL (µg/l): 70
Method: Wilcoxon Rank Sum (intrawell)

	GWC-12R (BG)	CWC-12R	MDL
02/28/03	NP		2
07/23/03	NP		2
01/06/04	NP		2
07/08/04	ND		2
01/13/05	ND		2
07/22/05	ND		2
01/18/06	ND		2
07/06/06	ND		2
01/04/07	ND		2
07/11/07	NS		2
01/03/08	Dry		2
07/02/08	Dry		2
01/05/09	Dry		2
07/06/09	ND		2
01/06/10	ND		2
07/08/10	ND		2
01/07/11	ND		2
07/07/11	ND		2
01/05/12	ND		2
07/06/12	ND		2
01/09/13	ND		2
07/03/13		ND	2
02/05/14		ND	2
07/23/14		ND	2
01/28/15		ND	2
07/08/15		ND	2
01/29/16		ND	2
07/27/16		2.7	2
01/05/17		3.5	2
07/06/17		3.4	2
01/04/18		3.4	2
07/25/18		2.6	2
10/02/18		NS	2
10/08/18		NS	2
11/20/18		NS	2
01/17/19		2	2
02/20/19		NT	2
07/18/19		ND	2
01/08/20		2.3	2
07/09/20		2.3	2

1) Rank the N = 29 observations from the smallest to the largest from background wells and compliance well CWC-12R.

n = 15

m = 14

Cis 1,2-DCE (IntraWil C-12R)

$$N = 29$$

$$C_i \text{ (CWC-12R)} = 281.0$$

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

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

$$W = 161$$

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

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

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

$$E(W) = 105$$

Adjustment for tie values:

$$SD(W) = 18.044$$

4) Form the appropriate Z-score.

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

$$Z = 3.076$$

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

$$Z = 3.076$$

$$Z_{0.01} = 2.326$$

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 J20-1472-171**

Compound: Cis 1,2-Dichloroethene
MCL (µg/l): 70
Method: Wilcoxon Rank Sum
Background: MCL/AGWPS

	MCL/AGWPS	GWC-12/12R	MDL
03/02/02	-	NP	2
04/15/02	-	NP	2
05/28/02	-	NP	2
07/08/02	-	NP	2
02/28/03	-	NP	2
07/23/03	-	NP	2
01/06/04	-	NP	2
07/08/04	70	ND	2
01/13/05	70	ND	2
07/22/05	70	ND	2
01/18/06	70	ND	2
07/06/06	70	ND	2
01/04/07	70	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	70	ND	2
01/06/10	70	ND	2
07/08/10	70	ND	2
01/07/11	70	ND	2
07/07/11	70	ND	2
01/05/12	70	ND	2
07/06/12	70	ND	2
01/09/13	70	ND	2
07/03/13	70	ND	2
02/05/14	70	ND	2
07/23/14	70	ND	2
01/28/15	70	ND	2
07/08/15	70	ND	2
01/29/16	70	ND	2
07/27/16	70	2.7	2
01/05/17	70	3.5	2
07/06/17	70	3.4	2
01/04/18	70	3.4	2
07/25/18	70	2.6	2
10/02/18	-	NS	2
10/08/18	-	NS	2
11/20/18	-	NS	2
01/17/19	70	2	2
02/20/19	-	NT	2
07/18/19	70	ND	2
01/08/20	70	2.3	2
07/09/20	70	2.3	2

1) Rank the N = 58 observations from the smallest to the largest from background wells and compliance well GWC-12/12R.

$$\begin{aligned}n &= 29 \\m &= 29 \\N &= 58 \\Ci \text{ (GWC-12/12R)} &= 435.0\end{aligned}$$

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

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

$$W = 0$$

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

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

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

$$E(W) = 420.5$$

Adjustment for tie values:

$$SD(W) = 58.501$$

4) Form the appropriate Z-score.

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

$$Z = -7.196$$

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

$$Z = -7.196$$

$$Z_{0.01} = 2.326$$

Since Z is smaller, there is not significant evidence of contamination at the compliance well at the 1 percent significance level.