

REPORT OF GROUNDWATER ANALYTICAL RESULTS & STATISTICAL ANALYSIS

SECOND SEMI-ANNUAL SAMPLING EVENT OF 2019 (N38)

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



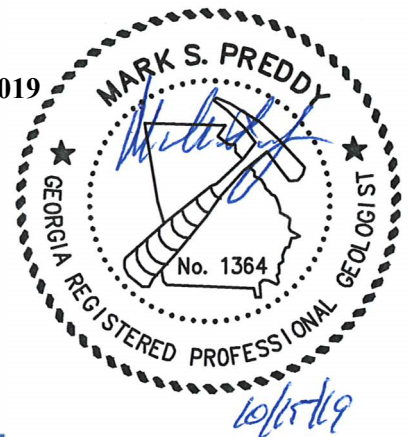
**Advanced
Disposal**

Prepared For:

Advanced Disposal Services
300 Colonial Center Parkway, Suite 230
Roswell, Georgia 30076

BLE Project Number J19-1472-158
HHNT Project Number 1210-010-03

October 15, 2019



BLE

**BUNNELL
LAMMONS
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October 15, 2019

Advanced Disposal Services
300 Colonial Center Parkway, Suite 230
Roswell, Georgia 30076

Attention: Mr. Michael Stowe

Subject: **Report of Groundwater Analytical Results & Statistical Analysis,
Second Semi-Annual Sampling Event of 2019 (N38)
Eagle Point MSW Landfill
Forsyth County, Georgia
Solid Waste Permit Number 058-012D (MSWL)
BLE Project Number J19-1472-158
HHNT Project Number 1210-010-03**


Dear Mr. Stowe:


As authorized, Bunnell-Lammons Engineering, Inc. (BLE) has performed the statistical analysis of groundwater quality data obtained during sampling event N38 at the Eagle Point MSW Landfill in Forsyth County, Georgia. The enclosed report describes the work performed and presents the results obtained. The purpose of this work is to: 1) statistically compare the laboratory analytical results of groundwater samples from the background monitoring wells to the downgradient monitoring wells at the subject municipal solid waste (MSW) landfill in accordance with Georgia solid waste regulations; and 2) prepare a report of the sampling event and statistical results for submittal to the Georgia Department of Natural Resources, Environmental Protection Division in accordance with Rule 391-3-4-.14.

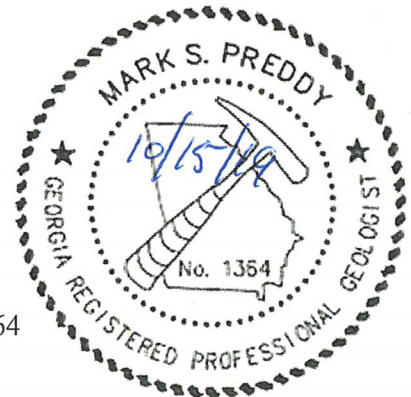
We appreciate the opportunity to serve as your geological consultant on this project and look forward to working with you on future projects. If you have any questions, please contact us at (864) 288-1265.

Sincerely,

BUNNELL LAMMONS ENGINEERING INC.


Ivan A. Irizarry
Staff Geologist


Mark S. Preddy, P.G.
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 32 groundwater monitoring wells at the site consisting of 2 background wells and 30 downgradient wells. Additionally, there are 4 underdrain sampling locations and 10 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 15C 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-18
GWA-2	GWC-2	GWC-10D (sample if GWC-10 dry)	GWC-19
	GWC-3	GWC-11	GWC-20
	GWC-4	GWC-12R	GWC-21
	GWC-5	GWC-13 (water level only)	GWC-24
	GWC-6	GWC-13R	GWC-25
	GWC-7	GWC-14R	GWC-26
	GWC-7A	GWC-15	GWC-27
	GWC-8	GWC-16	GWC-28
	GWC-9	GWC-17	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-9
	SWC-2	SWC-10
	SWC-4	SWC-11
	SWC-7TJ	SWC-12
		SWC-13

This report presents data from the second semi-annual sampling event in 2019. Additionally, this is the N5 sampling event for newly installed wells GWC-24, GWC-25, and GWC-26 (installed in May 2018 for Cell No. 15) and GWC-27, GWC-28, and GWC-29 (installed in September 2018 for the Leachate Pond). This report also includes the field and laboratory sampling data and results for the N4 sampling event for new wells GWC-24 through GWC-29 performed in February 2019. A total of 38 semi-annual sampling events have been performed between March 2002 and July 2019.

2.0 FIELD ACTIVITIES, SAMPLING, AND ANALYSIS

Semi-annual groundwater, underdrain, and surface water sampling for event N38 was performed on July 15-18, 2019. The sampling activities were performed by Environmental Monitoring Services, Inc. (EMS) of Woodstock, Georgia and analyzed by Pace Analytical Services, Inc. (Pace) of Peachtree Corners, 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 Pace are included in the sampling/laboratory report attached in **Appendix A**.

Groundwater samples were collected from 30 of the 32 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 Pace 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 3 of the 4 underdrain sampling locations (SWC-5, SWC-6, SWC-7). Underdrain location SWC-8 was dry and not sampled. The underdrain samples were analyzed in the laboratory by Pace for the *Appendix I* list of compounds consisting of total metals and VOCs and in the field by EMS for pH, specific conductance, temperature, and turbidity. The sampling results are included on the summary table in **Appendix C**.

Surface water samples were collected from 6 of the 10 surface water locations that are sampled semi-annually. Surface water samples SWC-4, SWC-7TJ, SWC-11, and SWC-13 were dry at the time of sampling and no samples were collected. Surface water sample SWC-1, SWC-2, SWC-10, and SWC-12 were analyzed in the laboratory for the GEPD *Appendix I* list of compounds (total metals and VOCs), and field parameters. Surface water locations SWA-1 and SWC-9 were analyzed for dissolved metals, chloride, chemical oxygen demand (COD), total organic carbon (TOC), total cyanide, total mercury, total selenium, and field parameters.

3.0 GROUNDWATER FLOW

Water level data collected on July 15, 2019 are presented in **Table 1** and estimated groundwater flow velocities are summarized on **Table 2**. A water table surface elevation contour map is presented as **Figure 2** along with generalized groundwater flow directions in the uppermost aquifer. Generally, groundwater flow is to the south and east across the site.

4.0 SUMMARY OF LABORATORY RESULTS

4.1 Groundwater Results

Concentrations of total barium (16 wells), total cobalt (3 wells), total nickel (1 well), total selenium (2 wells), and total zinc (4 wells) were detected in the groundwater samples during event N38. One VOC (benzene) was detected in the groundwater sample collected from well GWC-12R during sampling event N38. None of

the detected parameters 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 N38 semi-annual sampling event. The concentrations of total arsenic were above the Georgia primary MCL at each of the 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, COD, TOC, dissolved barium, dissolved chromium, dissolved nickel, total barium, and total zinc were detected in the surface water locations sampled during event N38. Only the detected concentration of dissolved chromium and dissolved nickel in SWC-9 exceeded an established surface water maximum/minimum in-stream water quality standard (ISWQS) ². Additionally, the field measurements of pH in SWA-1 (5.18su) and SWC-10 (5.50su) were slightly below the minimum established ISWQS. 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).

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

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

6.0 SUMMARY OF STATISTICAL RESULTS

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

- The non-parametric Prediction Limit and Wilcoxon tests used for total arsenic, total beryllium, total cadmium, total chromium, total copper, total lead, total vanadium, acetone, carbon disulfide, chloroform, and cis-1,2-dichloroethene, did not calculate SSIs. However, the tests did calculate SSIs for total cobalt (GWC-9 and GWC-12R), total nickel (GWC-9), total selenium (GWC-9 and GWC-11), and benzene (GWC-12R).
- The Kruskal-Wallis, Wilcoxon, Shewhart-CUSUM, and Kendall-Mann trend tests used for and total barium (GWC-6, GWC-8, GWC-9, GWC-11, and GWC-14R) and total zinc (GWC-9) calculated SSIs.

7.0 CONCLUSIONS

During the July 2019 semi-annual sampling event (N38), laboratory concentrations of various inorganic constituents and field parameters were detected in the groundwater, underdrain, and surface water samples. The only VOC detected included benzene in well GWC-12R; however, the VOC was detected below Georgia's MCL. The only constituents detected exceeding a Georgia MCL or ISWQS were total arsenic at underdrain locations SWC-5, SWC-6, and SWC-7, pH in surface water location SWA-1 and SWC-10, and dissolved chromium and dissolved nickel in SWC-9. The concentrations of dissolved chromium and dissolved nickel in SWC-9 are likely statistical outliers and may represent laboratory error, as these two constituents have never been detected in the surface samples since surface water sampling was initiated at the site in 2002; further evaluation may be required if subsequent detections of these constituents persist during future sampling events.

Total metal SSIs included total barium (GWC-6, GWC-8, GWC-9, GWC-11, and GWC-14R), total cobalt (GWC-9 and GWC-12R), total nickel (GWC-9), total selenium (GWC-9 and 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 metals in background native soil samples, (i.e., a natural alternative source as related to detections in groundwater).

The only VOC SSI was benzene in well GWC-12R, although the detection during the current sampling event was below its Georgia MCL. 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. *Appendix II* sampling is performed on an annual basis for this subset of wells.

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 pH in surface water locations SWA-1 and SWC-10, dissolved chromium and dissolved nickel in surface water location SWC-9, and 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) as related to benzene detections in well GWC-12R (GEPD Rule 391-3-4-.14(29)) because the benzene concentrations are statistically significant, but statistically below the groundwater protection standard.

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

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

TABLES

TABLE 1
POTENTIOMETRIC SURFACE DATA
Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J19-1472-158

Monitoring Well	Ground Elevation	TOC Elevation	Groundwater Elevation Data																																
			1/12/05	7/21/05	1/16/06	7/5/06	1/2/07	7/9/07	1/2/08	7/1/08	1/5/09	7/6/09	1/5/10	7/6/10	8/6/10	1/5/11	7/5/11	1/3/12	7/5/12	1/7/13	7/1/13	2/3/14	7/20/14	1/26/15	7/6/15	1/27/16	7/27/16	1/4/17	7/5/17	1/2/18	7/23/18	1/14/19	7/15/19		
GWA-1	1111.16	1113.70	1095.23	1102.07	1097.69	1096.22	1095.65	1095.20	1089.05	1093.10	1091.25	1097.40	1095.61	1100.93	NM	1094.60	1096.83	1093.53	1094.01	1092.24	1100.22	1100.88	1100.45	1100.11	1101.60	1106.33	1101.08	1097.89	1102.84	1102.91	1108.89	1110.83	1109.59		
GWA-2	1152.37	1152.92	1118.64	1122.59	1117.90	1118.62	1116.25	1111.78	1112.36	1115.09	1111.27	1119.91	1126.59	1130.16	NM	1115.38	1117.51	1112.10	1114.29	1110.45	1121.08	1120.72	1120.77	1113.68	1116.82	1118.36	1118.88	1111.91	1111.10	1110.67	1116.05	1113.81	1123.29		
GWC-1	1103.53	1107.27	1089.30	1091.08	1093.19	1089.70	1086.55	1085.85	1081.95	1086.20	1081.62	1090.67	1096.64	1093.05	NM	1085.24	1087.25	1081.97	1084.40	1081.49	1093.07	1093.37	1091.52	1086.82	1089.03	1092.15	1087.13	1084.03	1088.13	1085.80	1087.57	1093.99	1090.17		
GWC-2	1095.90	1100.22	1063.42	1067.77	1068.28	1066.34	1061.30	1061.59	1058.37	1059.54	1057.46	1062.82	1068.26	1068.07	NM	1062.08	1062.46	1058.83	1059.71	1056.88	1066.20	1067.78	1067.32	1062.67	1063.58	1068.37	1066.33	Dry	1064.82	1062.91	1065.44	1068.73	1069.99		
GWC-3	1069.82	1072.84	1048.69	1047.06	1047.89	1046.15	1046.09	1046.14	1039.72	1044.43	1039.44	1046.37	1052.06	1050.37	NM	1044.88	1046.66	1042.41	1043.55	1040.33	1049.76	1052.13	1049.72	1045.88	1048.79	1052.66	1047.97	1043.10	1045.11	1043.68	1047.78	1051.40	1050.95		
GWC-4	1036.29	1039.25	1024.17	1024.87	1023.70	1020.40	1022.75	1019.16	1017.62	1019.61	1020.85	1020.55	1026.25	1022.42	NM	1020.73	1021.80	1021.08	1019.08	1020.98	1023.45	1025.17	1022.51	1024.33	1023.52	1026.93	1020.81	1020.28	1023.96	1022.35	1021.65	1026.91	1024.17		
GWC-5	1020.38	1022.71	1012.52	1011.21	1012.50	1011.83	1012.51	1011.48	1011.33	1011.70	1012.04	1012.09	1013.61	1012.66	NM	1012.70	1012.29	1012.27	1011.91	1012.19	1012.98	1013.41	1012.72	1012.88	1012.90	1013.85	1012.19	1012.10	1012.81	1012.40	1012.66	1013.72	1013.08		
GWC-6	1037.97	1040.34	1013.30	1013.92	1013.09	1010.07	1012.98	1009.94	1009.61	1011.05	1013.08	1011.39	1015.59	1012.94	NM	1011.88	1012.86	1012.76	1011.76	1012.07	1014.83	1015.97	1013.40	1013.97	1014.50	1016.48	1011.58	1010.93	1014.20	1013.51	1013.95	1016.50	1015.30		
GWC-7	1032.61	1035.77	1005.02	1004.74	1007.52	1000.88	1006.65	1002.12	1003.75	1003.59	1008.62	1003.44	1008.68	1005.24	NM	1005.52	1006.17	1005.66	1003.63	1004.40	1007.81	1008.91	1005.78	1007.82	1008.77	1009.02	1003.99	1003.98	1009.09	1007.67	1008.47	1010.14	1009.30		
GWC-7A	1032.90	1036.01	1004.73	1004.80	1007.18	1000.49	1006.49	1001.91	1003.62	1003.32	1008.54	1008.54	1008.16	1004.90	NM	1005.23	1005.89	1005.43	1003.28	1004.08	1007.44	1008.61	1005.40	1007.63	1008.42	1008.74	1003.66	1003.80	1008.78	1007.44	1008.13	1009.83	1008.97		
GWC-8	1021.10	1023.98	994.77	995.16	998.91	1001.64	1003.60	995.90	995.62	1001.51	1004.10	1002.60	1007.17	1004.18	NM	1003.68	1005.87	1004.40	1002.13	1002.96	1006.66	1008.30	1004.14	1006.10	1008.00	1007.75	1002.67	1002.29	1008.13	1006.78	1007.64	1008.81	1008.30		
GWC-9	1006.20	1009.70	991.75	994.03	991.40	990.86	991.35	988.33	Dry	988.58	990.03	990.27	993.57	991.90	NM	986.75	987.13	Dry	Dry	Dry	990.75	994.70	993.05	992.30	993.63	995.00	991.01	987.45	991.40	991.74	993.44	995.43	995.74		
GWC-10	1003.40	1005.66	977.00	979.66	975.95	974.00	975.86	972.91	971.66	973.46	975.13	974.89	977.93	974.76	NM	Dry	Dry	Dry	Dry	Dry	975.17	979.42	978.04	977.80	977.94	979.86	976.70	973.71	976.41	976.79	977.61	979.58	979.07		
GWC-10D	989.84	992.67	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	965.37	967.06	973.91	978.14	976.69	977.03	977.61	978.74	975.61	973.00	975.79	975.97	976.65	978.55	978.34	
GWC-11	1027.20	1030.15	1000.30	1001.24	998.00	995.37	996.30	993.61	992.11	991.44	Dry	990.37	1000.11	997.77	NM	Dry	997.04	994.90	Dry	992.43	1001.84	1002.54	1000.78	NM	1001.31	1003.55	996.41	996.48	1002.54	1000.52	1001.30	1005.62	1002.42		
GWC-12R	1040.40	1043.41	1040.39	1042.15	1041.33	1038.28	1038.03	Dry	Dry	Dry	Dry	1028.28	1030.46	1030.72	NM	1031.98	1030.98	1031.62	1029.19	1032.20	1032.35	1035.65	1034.01	1033.74	1033.64	1034.27	1032.48	1034.31	1034.02	1033.31	1033.84	1034.67	1034.60		
GWC-13	1035.10	1038.00	1022.64	1027.21	1022.44	1024.66	1024.38	1019.39	1016.21	1014.47	Dry	Dry	Dry	Dry	NM	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	
GWC-13R	1032.70	1035.70	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	1006.46	1007.95	1007.32	1007.73	1005.85	1008.38	1008.03	1009.46	1008.12	1008.69	1008.93	1009.20	1006.46	1008.80	1008.97	1008.28	1008.60	1009.30	1008.56	
GWC-14R	1010.82	1014.46	1009.13	1010.93	1009.41	1007.32	1008.33	1004.47	1008.10	1005.63	1006.64	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	979.57	989.49	988.37	985.75	989.56	992.89	988.52	991.51	992.19	994.51	
GWC-15	1041.90	1044.91	1008.03	1008.62	1006.72	1003.39	1006.06	1003.30	1002.86	1003.69	1005.01	1004.02	1006.82	1006.23	NM	1005.51	1003.86	1003.76	1002.48	1003.70	1005.61	1005.50	1004.61	1005.27	1004.42	1005.51	1002.15	1003.40	1004.91	1003.07	1003.82	1005.36	1005.48		
GWC-16	1018.30	1020.31	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	1004.03	1003.68	1003.41	1003.09	1001.82	1003.38	1004.98	1004.56	1003.44	1003.34	1003.02	1004.78	1001.54	1001.79	1002.59	1001.56	1002.36	1004.35	1003.91	
GWC-17	1021.44	1024.49	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	980.33	978.97	979.92	980.48	980.44	980.43	983.18	983.37	981.54	UK	UK	980.51	978.81	977.93	978.31	977.51	978.05	979.30	979.48	
GWC-18	1034.85	1038.15	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	1000.27	994.22	994.23	Dry	Dry	Dry	995.04	1002.72	1002.07	UK	UK	996.70	998.24	994.15	992.15	991.55	994.86	993.31	999.98	
GWC-19	1082.10	1084.78	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	1042.23	1037.93	1035.43	1032.05	1032.38	1031.36	1037.23	1039.40	1039.83	1036.17	1036.96	1037.88	1038.40	1034.66	1032.50	1034.23	1036.38	1043.02	1039.17	
GWC-20	1132.30	1135.04	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	1036.25	1035.10	1035.14	1033.99	1033.99	1033.10	1035.53	1038.86	1037.74	1037.56	1037.58	1038.94	1038.09	1037.18	1037.71	1037.75	1039.28	1039.57	1042.92	
GWC-21	1082.80	1085.67	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	1063.84	Dry	1061.16	1058.18	1059.29	1058.32	1065.38	1066.42	1063.26	1061.97	1063.92	1067.75	1061.13	1059.57	1062.11	1061.20	1062.07	1067.48	1062.26	
GWC-24	1126.94	1129.32	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
GWC-25	1075.43	1078.67	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
GWC-26	1073.62	1076.52	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
GWC-27	1050.98	1054.73	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
GWC-28	1100.97	1105.07	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
GWC-29	1098.14	1101.73	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP

- NOTES:**
- Elevations are in FEET above mean sea level (MSL)
 - Water level measurements are from field sampling notes
 - TOC = Top Of Casing
 - NP = Not Present
 - UK= Unknown . Wells GWC-17 and GWC-18 had been vertically extended but not yet re-surveyed in 2015.
 - Semi-annual water level data from March 2002 to present is available. However, only the data since January 2005 is shown on this table.

TABLE 2

RANGE OF GROUNDWATER FLOW VELOCITIES

Eagle Point MSW Landfill

Forsyth County, Georgia

BLE Project Number J19-1472-158

July 15, 2019	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	0.30	20%	2.0E+01	7434
Low Flow Velocity Estimate	4.4E-05	2.2E-05	0.063	0.015	40%	2.4E-03	0.9
Geometric Mean Flow Velocity	6.4E-04	3.3E-04	0.92	0.068	28%	2.2E-01	81.0

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 1030 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

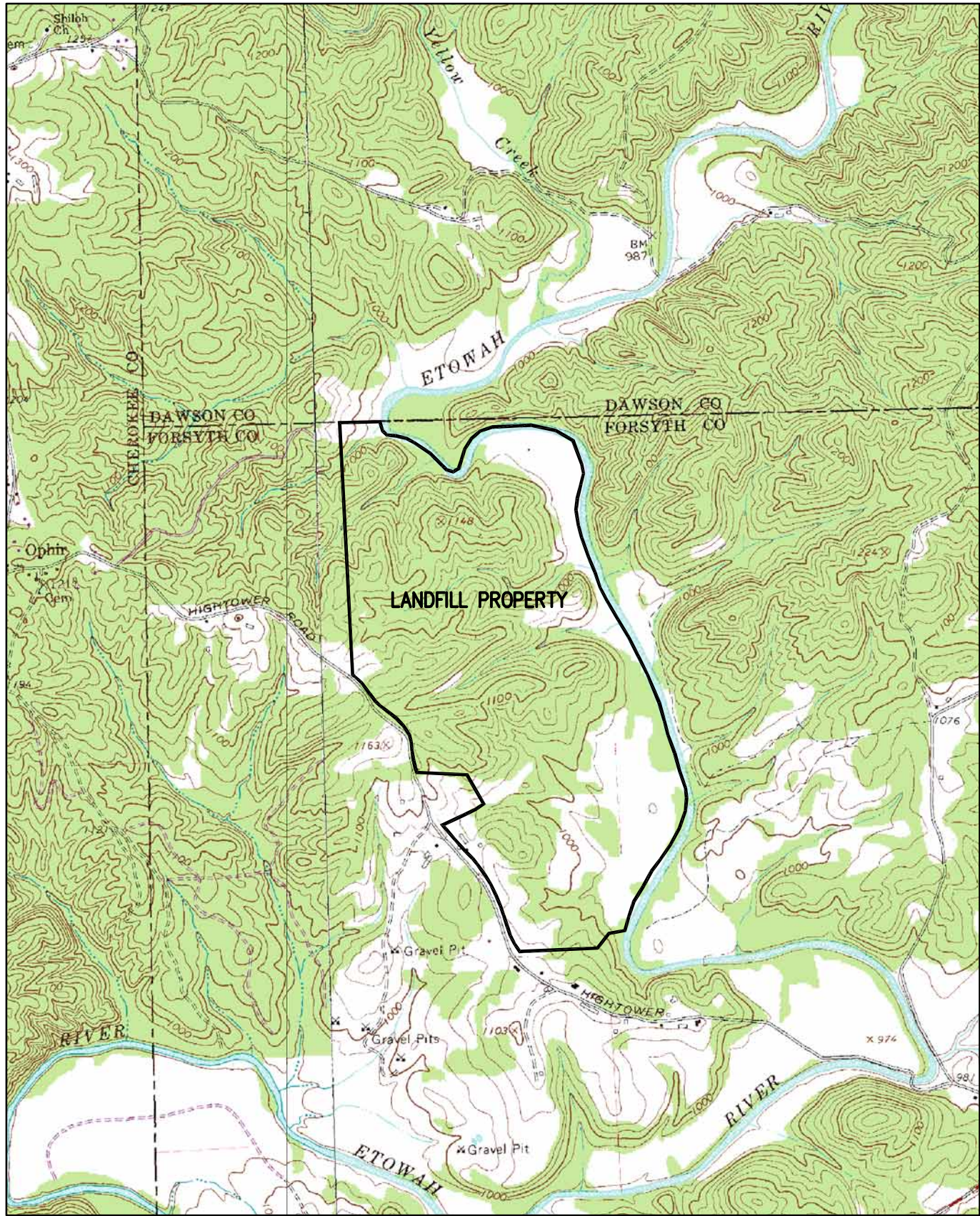
**SUMMARY OF STATISTICAL ANALYSIS RESULTS
Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J19-1472-158**

Chemical/ Compound	Percent ND	Primary Statistical Test	Primary Pass/Fail	Secondary Statistical Test	Secondary Pass/Fail	SSI Calculated	ASD Completed	Is current SSI concentration statistically above GWPS?	Monitoring Status
Total Arsenic	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection
Total Barium	37%	Kruskal-Wallis	Fail	Shewhart-CUSUM, Wilcoxon, or Kendell-Mann	Fail	Yes (GWC-6, GWC-8, GWC-9, GWC-11, and GWC-14R)	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	94%	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	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-9)	Yes⁶	NA⁶	Detection
Total Selenium	99%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-9 and GWC-11)	Yes⁶	NA⁶	Detection
Total Vanadium	95%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection
Total Zinc	78%	Kruskal-Wallis	Fail	Shewhart-CUSUM, Wilcoxon, or Kendell-Mann	Fail	Yes (GWC-9)	Yes⁶	NA⁶	Detection
Acetone	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection
Benzene	99%	Non-Parametric Prediction Limits	Fail	Wilcoxon or Kendell-Mann	Fail	Yes (GWC-12R)	No	No	Assessment
Carbon Disulfide	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection
Chloroform	100%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection
Cis 1,2-dichloroethene	99%	Non-Parametric Prediction Limits	Pass	-	-	No	-	-	Detection

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 nickel, 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.

FIGURES



REFERENCE:
 USGS TOPOGRAPHIC MAP, 7.5 MINUTE SERIES,
 BALL GROUND AND MATT, GA. QUADRANGLES, 1993.

DRAWN:	ACE	DATE:	10-15-19
CHECKED:	MSP	CAD:	EAGPNTLF158-SLM
APPROVED:		JOB NO.:	J19-1472-158

BLE | **BUNNELL
LAMMONS
ENGINEERING**

6004 Ponders Court, Greenville, SC 29615
 Phone: (864) 288-1265 Fax: (864) 288-4430

SITE LOCATION MAP
 EAGLE POINT MSW LANDFILL
 FORSYTH COUNTY, GEORGIA

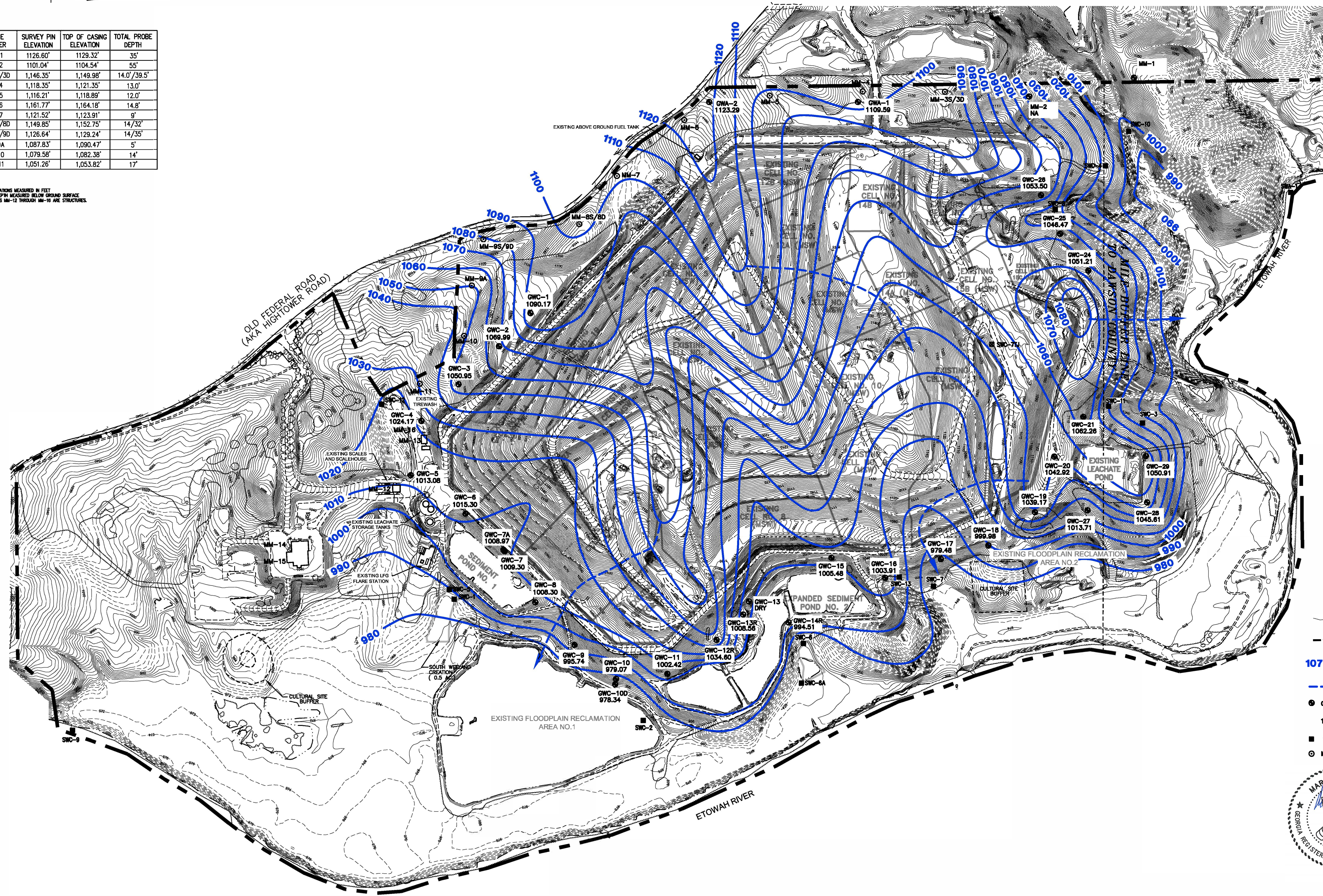
FIGURE

1

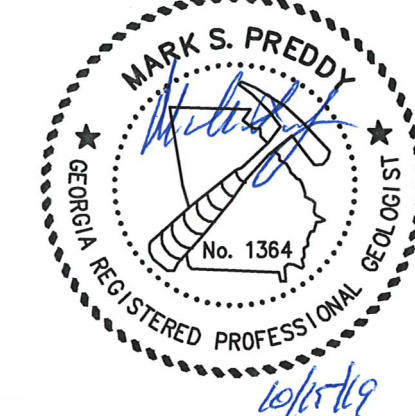


PROBE NUMBER	SURVEY PIN ELEVATION	TOP OF CASING ELEVATION	TOTAL PROBE DEPTH
MM-1	1126.60'	1129.32'	35'
MM-2	1101.04'	1104.54'	55'
MM-3S/3D	1,146.35'	1,149.98'	14.0'/39.5'
MM-4	1,118.35'	1,121.35'	13.0'
MM-5	1,116.21'	1,118.89'	12.0'
MM-6	1,161.77'	1,164.18'	14.8'
MM-7	1,121.52'	1,123.91'	9'
MM-BS/8D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

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



- LEGEND**
- TOPOGRAPHIC SURFACE CONTOUR IN FEET ABOVE MSL
CONTOUR INTERVAL = 2 FEET
 - PROPERTY BOUNDARY
 - 1070 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
 - SWC-1 & SWC-7L 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 TREBLE, INC. PROJ NO. 1210-010-01, EXT 3-20-07.
 2. SITE TOPOGRAPHY PRODUCED BY SOUTHERN RESOURCE MAPPING CORPORATION, DATE OF PHOTOGRAPHY: FEBRUARY 2017.



REVISIONS		BY
No.	DESCRIPTION	

DRAWN: IA	DATE: 10-15-19
CHECKED: TJD	CAD FILE: EAGPNTLF158-POT071519
APPROVED: MSP	JOB NO: J19-1472-158

BLE BUNNELL LAMMONS ENGINEERING
 6004 Ponders Court, Greenville, SC 29615
 Phone: (864) 289-1265 Fax: (864) 289-4430

WATER TABLE ELEVATION CONTOUR MAP - JULY 15, 2019
 EAGLE POINT MSW LANDFILL
 FORSYTH COUNTY, GEORGIA

APPENDIX A
Laboratory Analytical Results

*EM*Services

Environmental Monitoring Services, LLC

Phone (770) 823-7174

February 21, 2019

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

RE: Eagle Point Landfill Statistical N=4 Groundwater Sampling Event

Michael,

On February 20th, we completed the N=4 sampling event at the referenced site. The points sampled and their respective analyses are:

GWC-27, 28, 29

Appendix I VOCs (8260), Appendix I Metals

The sampling activities were performed according to the facility's operating permit and current EPA Region 4 SESD guidance.

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

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

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

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. The samples were hand-delivered under chain of custody to Pace Analytical located in Peachtree Corners, GA.

"For all your environmental monitoring needs"

*106A Hartwood Drive
Woodstock, GA 30189
inquiry@emservicesonline.com*

Page 1 of 2

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

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

Respectfully,

A handwritten signature in black ink, appearing to read 'Jeff Johnson', with a stylized flourish at the end.

Jeff Johnson

Attachments: Groundwater Field Data

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-27
 Date 2/20/2019
 DTW¹ 32.82
 DTB² 53.75
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 0843 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)
0853	32.94	330	0.87	5.92	63	12.5	4	7.56	207
0857	32.94	330	1.22	5.82	23	13.6	3	7.41	197
0901	32.94	330	1.57	5.72	22	13.9	3	7.43	198
0904	32.94	330	1.94	5.69	21	14.1	2	7.42	199
0908	32.94	330	2.29	5.70	21	14.1	2	7.40	200

Comments
Clear, no odor

Field Tech: N. Walker, B. Weaver

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 2/20/2019
 DTW¹ 57.31
 DTB² 71.81
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 0952 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)
1002	57.47	280	0.74	6.18	42	12.1	11	4.61	173
1006	57.47	280	1.04	6.18	40	12.6	8	4.53	172
1010	57.47	280	1.34	6.18	39	12.9	5	4.49	172
1014	57.47	280	1.64	6.17	39	13.2	4	4.47	171

Comments
Clear, no odor

Field Tech: N. Walker, B. Weaver

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

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-29
 Date 2/20/2019
 DTW¹ 49.57
 DTB² 62.74
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1022 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)
1028	48.71	300	0.47	6.30	50	13.6	4	1.88	168
1032	48.71	300	0.79	6.15	32	13.8	4	5.50	165
1036	48.71	300	1.11	5.90	24	13.9	3	5.70	169
1040	48.71	300	1.43	5.86	23	14.1	2	5.76	170
1044	48.71	300	1.75	5.83	23	14.4	2	5.81	171

Comments
Clear, no odor

Field Tech: N. Walker, B. Weaver

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

February 27, 2019

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

RE: Project: Eagle Point Landfill N=4
Pace Project No.: 2615193

Dear Michael Stowe:

Enclosed are the analytical results for sample(s) received by the laboratory on February 20, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Eben Buchanan
eben.buchanan@pacelabs.com
(770)734-4200
Project Manager

Enclosures

cc: Robert Heller, Hodges, Harbin, Newberry & Tribble, Inc.
Ivan Irizarry, Bunnell-Lammons Engineering, Inc (BLE)
Jackson Morgan, Hodges Harbin Newberry & Tribble Inc.
Mark Preddy, Bunnell-Lammons Engineering, Inc
Taylor Wood, Hodges Harbin Newberry & Tribble Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Atlanta Certification IDs

110 Technology Parkway Peachtree Corners, GA 30092

Florida DOH Certification #: E87315

Georgia DW Inorganics Certification #: 812

Georgia DW Microbiology Certification #: 812

North Carolina Certification #: 381

South Carolina Certification #: 98011001

Virginia Certification #: 460204

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2615193001	GWC-27	Water	02/20/19 09:08	02/20/19 12:25
2615193002	GWC-28	Water	02/20/19 10:14	02/20/19 12:25
2615193003	GWC-29	Water	02/20/19 10:44	02/20/19 12:25
2615193004	Trip Blank	Water	02/20/19 08:30	02/20/19 12:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Lab ID	Sample ID	Method	Analysts	Analytes Reported
2615193001	GWC-27	EPA 6020B	CSW	15
		EPA 8260B	LIH	51
2615193002	GWC-28	EPA 6020B	CSW	15
		EPA 8260B	LIH	51
2615193003	GWC-29	EPA 6020B	CSW	15
		EPA 8260B	LIH	51
2615193004	Trip Blank	EPA 8260B	LIH	51

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Sample: GWC-27	Lab ID: 2615193001	Collected: 02/20/19 09:08	Received: 02/20/19 12:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	ug/L	6.0	1	02/21/19 12:23	02/22/19 15:50	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 15:50	7440-38-2	
Barium	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 15:50	7440-39-3	
Beryllium	ND	ug/L	3.0	1	02/21/19 12:23	02/22/19 15:50	7440-41-7	
Cadmium	ND	ug/L	5.0	1	02/21/19 12:23	02/22/19 15:50	7440-43-9	
Chromium	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 15:50	7440-47-3	
Cobalt	ND	ug/L	40.0	1	02/21/19 12:23	02/22/19 15:50	7440-48-4	
Copper	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 15:50	7440-50-8	
Lead	ND	ug/L	15.0	1	02/21/19 12:23	02/22/19 15:50	7439-92-1	
Nickel	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 15:50	7440-02-0	
Selenium	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 15:50	7782-49-2	
Silver	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 15:50	7440-22-4	
Thallium	ND	ug/L	2.0	1	02/21/19 12:23	02/22/19 15:50	7440-28-0	
Vanadium	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 15:50	7440-62-2	
Zinc	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 15:50	7440-66-6	
8260B MSV		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		02/26/19 23:46	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		02/26/19 23:46	107-13-1	
Benzene	ND	ug/L	2.0	1		02/26/19 23:46	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		02/26/19 23:46	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		02/26/19 23:46	75-27-4	
Bromoform	ND	ug/L	10.0	1		02/26/19 23:46	75-25-2	
Bromomethane	ND	ug/L	10.0	1		02/26/19 23:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		02/26/19 23:46	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		02/26/19 23:46	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		02/26/19 23:46	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		02/26/19 23:46	108-90-7	
Chloroethane	ND	ug/L	2.0	1		02/26/19 23:46	75-00-3	
Chloroform	ND	ug/L	2.0	1		02/26/19 23:46	67-66-3	
Chloromethane	ND	ug/L	10.0	1		02/26/19 23:46	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		02/26/19 23:46	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		02/26/19 23:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		02/26/19 23:46	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		02/26/19 23:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		02/26/19 23:46	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		02/26/19 23:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		02/26/19 23:46	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		02/26/19 23:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		02/26/19 23:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		02/26/19 23:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		02/26/19 23:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		02/26/19 23:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		02/26/19 23:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		02/26/19 23:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		02/26/19 23:46	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		02/26/19 23:46	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Sample: GWC-27	Lab ID: 2615193001	Collected: 02/20/19 09:08	Received: 02/20/19 12:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		02/26/19 23:46	591-78-6	
Iodomethane	ND	ug/L	100	1		02/26/19 23:46	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		02/26/19 23:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		02/26/19 23:46	108-10-1	
Styrene	ND	ug/L	10.0	1		02/26/19 23:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		02/26/19 23:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		02/26/19 23:46	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		02/26/19 23:46	127-18-4	
Toluene	ND	ug/L	2.0	1		02/26/19 23:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		02/26/19 23:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		02/26/19 23:46	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		02/26/19 23:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		02/26/19 23:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	1		02/26/19 23:46	96-18-4	
Vinyl acetate	ND	ug/L	100	1		02/26/19 23:46	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		02/26/19 23:46	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		02/26/19 23:46	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	81-119	1		02/26/19 23:46	17060-07-0	
Dibromofluoromethane (S)	96	%	82-114	1		02/26/19 23:46	1868-53-7	
4-Bromofluorobenzene (S)	106	%	82-120	1		02/26/19 23:46	460-00-4	
Toluene-d8 (S)	101	%	82-109	1		02/26/19 23:46	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Sample: GWC-28 **Lab ID: 2615193002** Collected: 02/20/19 10:14 Received: 02/20/19 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6020B MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A

Antimony	ND	ug/L	6.0	1	02/21/19 12:23	02/22/19 15:55	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 15:55	7440-38-2	
Barium	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 15:55	7440-39-3	
Beryllium	ND	ug/L	3.0	1	02/21/19 12:23	02/22/19 15:55	7440-41-7	
Cadmium	ND	ug/L	5.0	1	02/21/19 12:23	02/22/19 15:55	7440-43-9	
Chromium	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 15:55	7440-47-3	
Cobalt	ND	ug/L	40.0	1	02/21/19 12:23	02/22/19 15:55	7440-48-4	
Copper	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 15:55	7440-50-8	
Lead	ND	ug/L	15.0	1	02/21/19 12:23	02/22/19 15:55	7439-92-1	
Nickel	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 15:55	7440-02-0	
Selenium	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 15:55	7782-49-2	
Silver	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 15:55	7440-22-4	
Thallium	ND	ug/L	2.0	1	02/21/19 12:23	02/22/19 15:55	7440-28-0	
Vanadium	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 15:55	7440-62-2	
Zinc	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 15:55	7440-66-6	

8260B MSV

Analytical Method: EPA 8260B

Acetone	ND	ug/L	100	1		02/27/19 00:12	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		02/27/19 00:12	107-13-1	
Benzene	ND	ug/L	2.0	1		02/27/19 00:12	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		02/27/19 00:12	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		02/27/19 00:12	75-27-4	
Bromoform	ND	ug/L	10.0	1		02/27/19 00:12	75-25-2	
Bromomethane	ND	ug/L	10.0	1		02/27/19 00:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		02/27/19 00:12	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		02/27/19 00:12	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		02/27/19 00:12	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		02/27/19 00:12	108-90-7	
Chloroethane	ND	ug/L	2.0	1		02/27/19 00:12	75-00-3	
Chloroform	ND	ug/L	2.0	1		02/27/19 00:12	67-66-3	
Chloromethane	ND	ug/L	10.0	1		02/27/19 00:12	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		02/27/19 00:12	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		02/27/19 00:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		02/27/19 00:12	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		02/27/19 00:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		02/27/19 00:12	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		02/27/19 00:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		02/27/19 00:12	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		02/27/19 00:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		02/27/19 00:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		02/27/19 00:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		02/27/19 00:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		02/27/19 00:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		02/27/19 00:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		02/27/19 00:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		02/27/19 00:12	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		02/27/19 00:12	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Sample: GWC-28		Lab ID: 2615193002		Collected: 02/20/19 10:14		Received: 02/20/19 12:25		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV		Analytical Method: EPA 8260B							
2-Hexanone	ND	ug/L	50.0	1		02/27/19 00:12	591-78-6		
Iodomethane	ND	ug/L	100	1		02/27/19 00:12	74-88-4		
Methylene Chloride	ND	ug/L	5.0	1		02/27/19 00:12	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		02/27/19 00:12	108-10-1		
Styrene	ND	ug/L	10.0	1		02/27/19 00:12	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		02/27/19 00:12	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		02/27/19 00:12	79-34-5		
Tetrachloroethene	ND	ug/L	2.0	1		02/27/19 00:12	127-18-4		
Toluene	ND	ug/L	2.0	1		02/27/19 00:12	108-88-3		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		02/27/19 00:12	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		02/27/19 00:12	79-00-5		
Trichloroethene	ND	ug/L	2.0	1		02/27/19 00:12	79-01-6		
Trichlorofluoromethane	ND	ug/L	10.0	1		02/27/19 00:12	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		02/27/19 00:12	96-18-4		
Vinyl acetate	ND	ug/L	100	1		02/27/19 00:12	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		02/27/19 00:12	75-01-4		
Xylene (Total)	ND	ug/L	5.0	1		02/27/19 00:12	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	81-119	1		02/27/19 00:12	17060-07-0		
Dibromofluoromethane (S)	95	%	82-114	1		02/27/19 00:12	1868-53-7		
4-Bromofluorobenzene (S)	108	%	82-120	1		02/27/19 00:12	460-00-4		
Toluene-d8 (S)	103	%	82-109	1		02/27/19 00:12	2037-26-5		

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ANALYTICAL RESULTS

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Sample: GWC-29	Lab ID: 2615193003	Collected: 02/20/19 10:44	Received: 02/20/19 12:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

6020B MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A

Antimony	ND	ug/L	6.0	1	02/21/19 12:23	02/22/19 16:01	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 16:01	7440-38-2	
Barium	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 16:01	7440-39-3	
Beryllium	ND	ug/L	3.0	1	02/21/19 12:23	02/22/19 16:01	7440-41-7	
Cadmium	ND	ug/L	5.0	1	02/21/19 12:23	02/22/19 16:01	7440-43-9	
Chromium	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 16:01	7440-47-3	
Cobalt	ND	ug/L	40.0	1	02/21/19 12:23	02/22/19 16:01	7440-48-4	
Copper	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 16:01	7440-50-8	
Lead	ND	ug/L	15.0	1	02/21/19 12:23	02/22/19 16:01	7439-92-1	
Nickel	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 16:01	7440-02-0	
Selenium	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 16:01	7782-49-2	
Silver	ND	ug/L	10.0	1	02/21/19 12:23	02/22/19 16:01	7440-22-4	
Thallium	ND	ug/L	2.0	1	02/21/19 12:23	02/22/19 16:01	7440-28-0	
Vanadium	ND	ug/L	20.0	1	02/21/19 12:23	02/22/19 16:01	7440-62-2	
Zinc	57.3	ug/L	20.0	1	02/21/19 12:23	02/22/19 16:01	7440-66-6	

8260B MSV

Analytical Method: EPA 8260B

Acetone	ND	ug/L	100	1		02/27/19 00:37	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		02/27/19 00:37	107-13-1	
Benzene	ND	ug/L	2.0	1		02/27/19 00:37	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		02/27/19 00:37	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		02/27/19 00:37	75-27-4	
Bromoform	ND	ug/L	10.0	1		02/27/19 00:37	75-25-2	
Bromomethane	ND	ug/L	10.0	1		02/27/19 00:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		02/27/19 00:37	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		02/27/19 00:37	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		02/27/19 00:37	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		02/27/19 00:37	108-90-7	
Chloroethane	ND	ug/L	2.0	1		02/27/19 00:37	75-00-3	
Chloroform	ND	ug/L	2.0	1		02/27/19 00:37	67-66-3	
Chloromethane	ND	ug/L	10.0	1		02/27/19 00:37	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		02/27/19 00:37	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		02/27/19 00:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		02/27/19 00:37	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		02/27/19 00:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		02/27/19 00:37	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		02/27/19 00:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		02/27/19 00:37	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		02/27/19 00:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		02/27/19 00:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		02/27/19 00:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		02/27/19 00:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		02/27/19 00:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		02/27/19 00:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		02/27/19 00:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		02/27/19 00:37	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		02/27/19 00:37	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Sample: GWC-29	Lab ID: 2615193003	Collected: 02/20/19 10:44	Received: 02/20/19 12:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		02/27/19 00:37	591-78-6	
Iodomethane	ND	ug/L	100	1		02/27/19 00:37	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		02/27/19 00:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		02/27/19 00:37	108-10-1	
Styrene	ND	ug/L	10.0	1		02/27/19 00:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		02/27/19 00:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		02/27/19 00:37	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		02/27/19 00:37	127-18-4	
Toluene	ND	ug/L	2.0	1		02/27/19 00:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		02/27/19 00:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		02/27/19 00:37	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		02/27/19 00:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		02/27/19 00:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	1		02/27/19 00:37	96-18-4	
Vinyl acetate	ND	ug/L	100	1		02/27/19 00:37	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		02/27/19 00:37	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		02/27/19 00:37	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	81-119	1		02/27/19 00:37	17060-07-0	
Dibromofluoromethane (S)	96	%	82-114	1		02/27/19 00:37	1868-53-7	
4-Bromofluorobenzene (S)	108	%	82-120	1		02/27/19 00:37	460-00-4	
Toluene-d8 (S)	98	%	82-109	1		02/27/19 00:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Sample: Trip Blank	Lab ID: 2615193004	Collected: 02/20/19 08:30	Received: 02/20/19 12:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		02/27/19 01:03	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		02/27/19 01:03	107-13-1	
Benzene	ND	ug/L	2.0	1		02/27/19 01:03	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		02/27/19 01:03	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		02/27/19 01:03	75-27-4	
Bromoform	ND	ug/L	10.0	1		02/27/19 01:03	75-25-2	
Bromomethane	ND	ug/L	10.0	1		02/27/19 01:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		02/27/19 01:03	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		02/27/19 01:03	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		02/27/19 01:03	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		02/27/19 01:03	108-90-7	
Chloroethane	ND	ug/L	2.0	1		02/27/19 01:03	75-00-3	
Chloroform	ND	ug/L	2.0	1		02/27/19 01:03	67-66-3	
Chloromethane	ND	ug/L	10.0	1		02/27/19 01:03	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		02/27/19 01:03	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		02/27/19 01:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		02/27/19 01:03	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		02/27/19 01:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		02/27/19 01:03	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		02/27/19 01:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		02/27/19 01:03	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		02/27/19 01:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		02/27/19 01:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		02/27/19 01:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		02/27/19 01:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		02/27/19 01:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		02/27/19 01:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		02/27/19 01:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		02/27/19 01:03	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		02/27/19 01:03	100-41-4	
2-Hexanone	ND	ug/L	50.0	1		02/27/19 01:03	591-78-6	
Iodomethane	ND	ug/L	100	1		02/27/19 01:03	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		02/27/19 01:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		02/27/19 01:03	108-10-1	
Styrene	ND	ug/L	10.0	1		02/27/19 01:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		02/27/19 01:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		02/27/19 01:03	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		02/27/19 01:03	127-18-4	
Toluene	ND	ug/L	2.0	1		02/27/19 01:03	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		02/27/19 01:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		02/27/19 01:03	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		02/27/19 01:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		02/27/19 01:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	1		02/27/19 01:03	96-18-4	
Vinyl acetate	ND	ug/L	100	1		02/27/19 01:03	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		02/27/19 01:03	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		02/27/19 01:03	1330-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Sample: Trip Blank		Lab ID: 2615193004	Collected: 02/20/19 08:30	Received: 02/20/19 12:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV		Analytical Method: EPA 8260B						
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%.	81-119	1		02/27/19 01:03	17060-07-0	
Dibromofluoromethane (S)	95	%.	82-114	1		02/27/19 01:03	1868-53-7	
4-Bromofluorobenzene (S)	104	%.	82-120	1		02/27/19 01:03	460-00-4	
Toluene-d8 (S)	100	%.	82-109	1		02/27/19 01:03	2037-26-5	

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QUALITY CONTROL DATA

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

QC Batch: 22942 Analysis Method: EPA 6020B
QC Batch Method: EPA 3005A Analysis Description: 6020B MET
Associated Lab Samples: 2615193001, 2615193002, 2615193003

METHOD BLANK: 102996 Matrix: Water

Associated Lab Samples: 2615193001, 2615193002, 2615193003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	02/22/19 13:10	
Arsenic	ug/L	ND	10.0	02/22/19 13:10	
Barium	ug/L	ND	20.0	02/22/19 13:10	
Beryllium	ug/L	ND	3.0	02/22/19 13:10	
Cadmium	ug/L	ND	5.0	02/22/19 13:10	
Chromium	ug/L	ND	10.0	02/22/19 13:10	
Cobalt	ug/L	ND	40.0	02/22/19 13:10	
Copper	ug/L	ND	20.0	02/22/19 13:10	
Lead	ug/L	ND	15.0	02/22/19 13:10	
Nickel	ug/L	ND	20.0	02/22/19 13:10	
Selenium	ug/L	ND	10.0	02/22/19 13:10	
Silver	ug/L	ND	10.0	02/22/19 13:10	
Thallium	ug/L	ND	2.0	02/22/19 13:10	
Vanadium	ug/L	ND	20.0	02/22/19 13:10	
Zinc	ug/L	ND	20.0	02/22/19 13:10	

LABORATORY CONTROL SAMPLE: 102997

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	100	108	108	80-120	
Arsenic	ug/L	100	100	100	80-120	
Barium	ug/L	100	101	101	80-120	
Beryllium	ug/L	100	101	101	80-120	
Cadmium	ug/L	100	99.7	100	80-120	
Chromium	ug/L	100	104	104	80-120	
Cobalt	ug/L	100	101	101	80-120	
Copper	ug/L	100	102	102	80-120	
Lead	ug/L	100	98.5	99	80-120	
Nickel	ug/L	100	100	100	80-120	
Selenium	ug/L	100	102	102	80-120	
Silver	ug/L	100	103	103	80-120	
Thallium	ug/L	100	99.1	99	80-120	
Vanadium	ug/L	100	104	104	80-120	
Zinc	ug/L	100	101	101	80-120	

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QUALITY CONTROL DATA

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 102998		102999		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		2615114005 Result	MS Spike Conc.	MSD Spike Conc.									
Antimony	ug/L	ND	100	100	92.6	87.8	92	87	75-125	5	20		
Arsenic	ug/L	ND	100	100	107	104	106	102	75-125	3	20		
Barium	ug/L	198	100	100	338	328	140	130	75-125	3	20	M1	
Beryllium	ug/L	ND	100	100	101	93.9	100	93	75-125	7	20		
Cadmium	ug/L	ND	100	100	106	102	106	102	75-125	4	20		
Chromium	ug/L	57.0	100	100	157	164	100	107	75-125	4	20		
Cobalt	ug/L	ND	100	100	106	105	103	102	75-125	1	20		
Copper	ug/L	ND	100	100	110	109	101	101	75-125	1	20		
Lead	ug/L	15.9	100	100	117	112	101	96	75-125	4	20		
Nickel	ug/L	32.8	100	100	133	135	101	102	75-125	1	20		
Selenium	ug/L	ND	100	100	107	103	106	102	75-125	4	20		
Silver	ug/L	ND	100	100	108	104	108	104	75-125	3	20		
Thallium	ug/L	ND	100	100	59.7	54.7	60	55	75-125	9	20	M1	
Vanadium	ug/L	11.8	100	100	120	121	108	109	75-125	1	20		
Zinc	ug/L	53.4	100	100	123	116	69	62	75-125	6	20	M1	

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QUALITY CONTROL DATA

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

QC Batch: 23118 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV
Associated Lab Samples: 2615193001, 2615193002, 2615193003, 2615193004

METHOD BLANK: 103661 Matrix: Water
Associated Lab Samples: 2615193001, 2615193002, 2615193003, 2615193004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	2.0	02/26/19 17:45	
1,1,1-Trichloroethane	ug/L	ND	2.0	02/26/19 17:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	2.0	02/26/19 17:45	
1,1,2-Trichloroethane	ug/L	ND	2.0	02/26/19 17:45	
1,1-Dichloroethane	ug/L	ND	2.0	02/26/19 17:45	
1,1-Dichloroethene	ug/L	ND	2.0	02/26/19 17:45	
1,2,3-Trichloropropane	ug/L	ND	2.0	02/26/19 17:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	25.0	02/26/19 17:45	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	02/26/19 17:45	
1,2-Dichlorobenzene	ug/L	ND	10.0	02/26/19 17:45	
1,2-Dichloroethane	ug/L	ND	2.0	02/26/19 17:45	
1,2-Dichloropropane	ug/L	ND	2.0	02/26/19 17:45	
1,4-Dichlorobenzene	ug/L	ND	10.0	02/26/19 17:45	
2-Butanone (MEK)	ug/L	ND	100	02/26/19 17:45	
2-Hexanone	ug/L	ND	50.0	02/26/19 17:45	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	50.0	02/26/19 17:45	
Acetone	ug/L	ND	100	02/26/19 17:45	
Acrylonitrile	ug/L	ND	50.0	02/26/19 17:45	
Benzene	ug/L	ND	2.0	02/26/19 17:45	
Bromochloromethane	ug/L	ND	10.0	02/26/19 17:45	
Bromodichloromethane	ug/L	ND	10.0	02/26/19 17:45	
Bromoform	ug/L	ND	10.0	02/26/19 17:45	
Bromomethane	ug/L	ND	10.0	02/26/19 17:45	
Carbon disulfide	ug/L	ND	5.0	02/26/19 17:45	
Carbon tetrachloride	ug/L	ND	2.0	02/26/19 17:45	
Chlorobenzene	ug/L	ND	10.0	02/26/19 17:45	
Chloroethane	ug/L	ND	2.0	02/26/19 17:45	
Chloroform	ug/L	ND	2.0	02/26/19 17:45	
Chloromethane	ug/L	ND	10.0	02/26/19 17:45	
cis-1,2-Dichloroethene	ug/L	ND	2.0	02/26/19 17:45	
cis-1,3-Dichloropropene	ug/L	ND	2.0	02/26/19 17:45	
Dibromochloromethane	ug/L	ND	10.0	02/26/19 17:45	
Dibromomethane	ug/L	ND	10.0	02/26/19 17:45	
Ethylbenzene	ug/L	ND	2.0	02/26/19 17:45	
Iodomethane	ug/L	ND	100	02/26/19 17:45	
Methylene Chloride	ug/L	ND	5.0	02/26/19 17:45	
Styrene	ug/L	ND	10.0	02/26/19 17:45	
Tetrachloroethene	ug/L	ND	2.0	02/26/19 17:45	
Toluene	ug/L	ND	2.0	02/26/19 17:45	
trans-1,2-Dichloroethene	ug/L	ND	2.0	02/26/19 17:45	
trans-1,3-Dichloropropene	ug/L	ND	2.0	02/26/19 17:45	

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QUALITY CONTROL DATA

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

METHOD BLANK: 103661

Matrix: Water

Associated Lab Samples: 2615193001, 2615193002, 2615193003, 2615193004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	ND	100	02/26/19 17:45	
Trichloroethene	ug/L	ND	2.0	02/26/19 17:45	
Trichlorofluoromethane	ug/L	ND	10.0	02/26/19 17:45	
Vinyl acetate	ug/L	ND	100	02/26/19 17:45	
Vinyl chloride	ug/L	ND	2.0	02/26/19 17:45	
Xylene (Total)	ug/L	ND	5.0	02/26/19 17:45	
1,2-Dichloroethane-d4 (S)	%	98	81-119	02/26/19 17:45	
4-Bromofluorobenzene (S)	%	108	82-120	02/26/19 17:45	
Dibromofluoromethane (S)	%	94	82-114	02/26/19 17:45	
Toluene-d8 (S)	%	101	82-109	02/26/19 17:45	

LABORATORY CONTROL SAMPLE: 103662

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	68-137	
1,1,1-Trichloroethane	ug/L	50	48.2	96	72-134	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	51-158	
1,1,2-Trichloroethane	ug/L	50	52.6	105	78-131	
1,1-Dichloroethane	ug/L	50	48.6	97	69-151	
1,1-Dichloroethene	ug/L	50	46.3	93	64-158	
1,2,3-Trichloropropane	ug/L	50	48.4	97	78-133	
1,2-Dibromo-3-chloropropane	ug/L	50	49.5	99	58-124	
1,2-Dibromoethane (EDB)	ug/L	50	55.9	112	71-134	
1,2-Dichlorobenzene	ug/L	50	51.2	102	70-135	
1,2-Dichloroethane	ug/L	50	50.0	100	72-129	
1,2-Dichloropropane	ug/L	50	52.5	105	64-135	
1,4-Dichlorobenzene	ug/L	50	51.4	103	70-131	
2-Butanone (MEK)	ug/L	100	104	104	52-143	
2-Hexanone	ug/L	100	107	107	61-136	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.0	91	71-129	
Acetone	ug/L	100	123	123	48-224	
Acrylonitrile	ug/L	200	180	90	66-154	
Benzene	ug/L	50	48.7	97	68-132	
Bromochloromethane	ug/L	50	49.3	99	73-133	
Bromodichloromethane	ug/L	50	48.1	96	67-121	
Bromoform	ug/L	50	44.7	89	57-125	
Bromomethane	ug/L	50	50.5	101	35-156	
Carbon disulfide	ug/L	100	90.6	91	47-141	
Carbon tetrachloride	ug/L	50	54.5	109	66-122	
Chlorobenzene	ug/L	50	49.7	99	71-126	
Chloroethane	ug/L	50	45.2	90	43-143	
Chloroform	ug/L	50	47.8	96	71-136	
Chloromethane	ug/L	50	40.7	81	47-123	
cis-1,2-Dichloroethene	ug/L	50	50.7	101	74-131	

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QUALITY CONTROL DATA

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

LABORATORY CONTROL SAMPLE: 103662

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	50	48.0	96	78-120	
Dibromochloromethane	ug/L	50	46.1	92	65-115	
Dibromomethane	ug/L	50	52.1	104	79-129	
Ethylbenzene	ug/L	50	52.4	105	68-129	
Iodomethane	ug/L	100	78.4J	78	49-154	
Methylene Chloride	ug/L	50	45.6	91	61-147	
Styrene	ug/L	50	49.8	100	77-128	
Tetrachloroethene	ug/L	50	45.2	90	51-139	
Toluene	ug/L	50	51.2	102	60-133	
trans-1,2-Dichloroethene	ug/L	50	49.0	98	69-144	
trans-1,3-Dichloropropene	ug/L	50	45.7	91	74-128	
trans-1,4-Dichloro-2-butene	ug/L	100	91.1J	91	61-139	
Trichloroethene	ug/L	50	49.4	99	73-126	
Trichlorofluoromethane	ug/L	50	51.6	103	55-132	
Vinyl acetate	ug/L	50	47.7J	95	52-141	
Vinyl chloride	ug/L	50	44.4	89	50-133	
Xylene (Total)	ug/L	150	169	113	78-132	
1,2-Dichloroethane-d4 (S)	%			93	81-119	
4-Bromofluorobenzene (S)	%			95	82-120	
Dibromofluoromethane (S)	%			102	82-114	
Toluene-d8 (S)	%			99	82-109	

MATRIX SPIKE SAMPLE: 103663

Parameter	Units	2615104001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	50	52.5	105	68-137	
1,1,1-Trichloroethane	ug/L	ND	50	55.0	110	66-142	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	45.7	91	39-171	
1,1,2-Trichloroethane	ug/L	ND	50	53.8	108	73-136	
1,1-Dichloroethane	ug/L	ND	50	54.9	110	66-155	
1,1-Dichloroethene	ug/L	ND	50	55.3	111	33-181	
1,2,3-Trichloropropane	ug/L	ND	50	38.1	76	78-133	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	50	40.9	82	58-124	
1,2-Dibromoethane (EDB)	ug/L	ND	50	53.7	107	71-134	
1,2-Dichlorobenzene	ug/L	ND	50	49.9	100	69-135	
1,2-Dichloroethane	ug/L	ND	50	54.6	109	36-159	
1,2-Dichloropropane	ug/L	ND	50	55.3	111	68-132	
1,4-Dichlorobenzene	ug/L	ND	50	51.1	102	49-153	
2-Butanone (MEK)	ug/L	ND	100	60.6J	61	10-189	
2-Hexanone	ug/L	ND	100	63.8	64	40-135	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	75.7	76	30-177	
Acetone	ug/L	ND	100	47.4J	47	44-223	
Acrylonitrile	ug/L	ND	200	170	85	13-189	
Benzene	ug/L	ND	50	55.2	110	66-139	
Bromochloromethane	ug/L	ND	50	54.5	109	73-133	

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QUALITY CONTROL DATA

Project: Eagle Point Landfill N=4
Pace Project No.: 2615193

MATRIX SPIKE SAMPLE: 103663		2615104001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromodichloromethane	ug/L	ND	50	51.2	102	57-120	
Bromoform	ug/L	ND	50	40.4	81	48-128	
Bromomethane	ug/L	ND	50	43.0	86	10-187	
Carbon disulfide	ug/L	ND	100	107	107	47-141	
Carbon tetrachloride	ug/L	ND	50	65.8	132	58-127	M1
Chlorobenzene	ug/L	ND	50	50.9	102	63-137	
Chloroethane	ug/L	ND	50	50.6	101	52-146	
Chloroform	ug/L	ND	50	53.5	107	74-137	
Chloromethane	ug/L	ND	50	43.4	87	41-127	
cis-1,2-Dichloroethene	ug/L	ND	50	54.8	110	71-138	
cis-1,3-Dichloropropene	ug/L	ND	50	46.6	93	32-145	
Dibromochloromethane	ug/L	ND	50	46.4	93	52-116	
Dibromomethane	ug/L	ND	50	46.3	93	79-129	
Ethylbenzene	ug/L	ND	50	55.8	112	31-174	
Iodomethane	ug/L	ND	100	79.8J	80	49-154	
Methylene Chloride	ug/L	ND	50	46.8	94	61-146	
Styrene	ug/L	ND	50	50.5	101	77-128	
Tetrachloroethene	ug/L	ND	50	51.0	102	36-155	
Toluene	ug/L	ND	50	56.5	113	52-146	
trans-1,2-Dichloroethene	ug/L	ND	50	57.5	115	61-152	
trans-1,3-Dichloropropene	ug/L	ND	50	43.7	87	37-146	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	71.4J	71	61-139	
Trichloroethene	ug/L	ND	50	51.4	103	61-141	
Trichlorofluoromethane	ug/L	ND	50	63.3	127	51-141	
Vinyl acetate	ug/L	ND	50	53J	106	52-141	
Vinyl chloride	ug/L	ND	50	52.4	105	22-156	
Xylene (Total)	ug/L	ND	150	175	117	78-132	
1,2-Dichloroethane-d4 (S)	%				104	81-119	
4-Bromofluorobenzene (S)	%				99	82-120	
Dibromofluoromethane (S)	%				107	82-114	
Toluene-d8 (S)	%				98	82-109	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Eagle Point Landfill N=4

Pace Project No.: 2615193

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2615193001	GWC-27	EPA 3005A	22942	EPA 6020B	22962
2615193002	GWC-28	EPA 3005A	22942	EPA 6020B	22962
2615193003	GWC-29	EPA 3005A	22942	EPA 6020B	22962
2615193001	GWC-27	EPA 8260B	23118		
2615193002	GWC-28	EPA 8260B	23118		
2615193003	GWC-29	EPA 8260B	23118		
2615193004	Trip Blank	EPA 8260B	23118		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC - Atlanta GA
 110 TECHNOLOGY PARKWAY, PEACHTREE CORNERS, GA 30092
 (770) 734-4200 : FAX (770) 734-4201

CHAIN OF CUSTODY RECORD

PAGE: 1 OF 1

CLIENT NAME: Advanced Disposal Services
 CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Colonial Center Pkwy Ste 230 Roswell, GA 30076
 REPORT TO: Michael Stone CC: 904-504-8559
 REQUESTED COMPLETION DATE: 5/20 PO #:
 PROJECT NAME/STATE: Eyele Point LF N=4
 PROJECT #: 058-012D (SL)

Collection DATE	Collection TIME	MATRIX CODE	C O M P	SAMPLE IDENTIFICATION
2/20/19	0908	GW	X	GW-C-27
2/20/19	1014	GW	X	GW-C-28
2/20/19	1044	GW	X	GW-C-29
2/20/19	0830	W	X	Trip Blank

CONTAINER TYPE: P ANALYSIS REQUESTED: As I Vol
 PRESERVATION: 3 As I Metals
 # of CONTAINERS: 4 3 1
 L A B I D N U M B E R → 1 2 3 4

CONTAINER TYPE: P - PLASTIC, A - AMBER GLASS, G - CLEAR GLASS, V - VOA VIAL, S - STERILE, O - OTHER
 PRESERVATION: 1 - HCl, ≤6°C, 2 - H₂SO₄, ≤6°C, 3 - HNO₃, 4 - NaOH, ≤6°C, 5 - NaOH/ZnAc, ≤6°C, 6 - Na₂S₂O₃, ≤6°C, 7 - ≤6°C not frozen

*MATRIX CODES: DW - DRINKING WATER, WW - WASTEWATER, GW - GROUNDWATER, SW - SURFACE WATER, ST - STORM WATER, W - WATER, S - SOIL, SL - SLUDGE, SD - SOLID, A - AIR, L - LIQUID, P - PRODUCT

REMARKS/ADDITIONAL INFORMATION

SAMPLED BY AND TITLE: N Walker / B Warden DATE/TIME: See above
 RECEIVED BY: Michael Stone DATE/TIME: 5/20/19 12:25

RELINQUISHED BY: Michael Stone DATE/TIME: 5/20/19 12:25
 RELINQUISHED BY: Michael Stone DATE/TIME: 5/20/19 12:25

SAMPLE SHIPPED VIA: UPS COURIER: Clear FS: FS
 Custody Seal: Intact: Yes Broken: No Not Present: N/A

W0#: 2615193

2615193



Sample Condition Upon Receipt

WO#: 2615193

Client Name: AD3

PM: EDB

Due Date: 03/01/19

CLIENT: Adv Disp Svc

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used 0.82 Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 0.1°C Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 2/20/19/EDB

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.	
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.	
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.	
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	
Sample Labels match COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.	
-Includes date/time/ID/Analysis Matrix: <u>6W</u>			
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
exceptions: <u>VOA</u> coliform, TOC, O&G, WI-DRO (water)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed	Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.	
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.	
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.	
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Pace Trip Blank Lot # (if purchased):			

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____

Date: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

*EM*Services

Environmental Monitoring Services, LLC

Phone (770) 823-7174

July 25, 2019

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

The sampling activities were performed according to the facility's operating permit and the EPA Region IV SESD 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 15th to ensure a representative potentiometric map. The water level indicator was cleaned in between each well using a Liquinox soap solution followed by a water rinse.

Wells GWA-2, GWC-1, 2, 3, 7, 7A, 11, 13R, 15, 17, 18, 19, 20, 24, 25, 26, 27, 28, and 29 have dedicated bladder pumps installed. For these wells, after collecting the water level, we began purging the well. Both purging and sampling were accomplished by utilizing the dedicated bladder pumps. The bladders are of

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*106A Hartwood Drive
Woodstock, GA 30189
inquiry@emservicesonline.com*

Page 1 of 2

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 and general chemistry samples were collected immediately through the pump-head. The volatiles samples were collected immediately using the back-flow or "straw" method utilizing a flow rate of less than 100 mL/min. Semi-volatile organics samples were collected using a disposable Teflon bailer because the vacuum apparatus could not be used with the containers for the split sample.

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

Environmental Monitoring Services, LLC

Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWA-1
 Date 7/17/2019
 DTW¹ 4.11
 DTB² 28.10
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Full Appendix II

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)
1201	4.30	240	0.63	5.53	19	19.3	34	4.40	234
1205	4.30	240	0.88	5.01	14	19.1	25	4.81	239
1209	4.30	240	1.13	4.54	12	18.4	19	5.02	244
1213	4.30	240	1.38	4.41	11	17.9	15	5.13	248
1217	4.30	240	1.63	4.36	11	17.7	12	5.19	253
1221	4.30	240	1.88	4.34	11	17.7	8	5.22	257

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 GWA-2
 Date 7/16/2019
 DTW¹ 29.63
 DTB² 50.09
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Full Appendix II

Purge Start Time = 1154 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)
1200	29.81	200	0.32	5.08	30	18.3	3	7.18	227
1204	29.81	200	0.53	4.53	28	17.9	3	7.48	238
1208	29.81	200	0.74	4.63	25	17.5	4	7.74	243
1212	29.81	200	0.95	4.60	24	17.5	4	7.81	247
1216	29.81	200	1.16	4.58	24	17.4	4	7.96	250

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-1
 Date 7/15/2019
 DTW¹ 17.10
 DTB² 34.90
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 0932 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
0942	17.24	220	0.58	5.84	41	17.9	1	10.12	244
0946	17.24	220	0.81	5.56	34	18.7	4	9.62	247
0950	17.24	220	1.04	5.51	33	19.1	6	9.50	248
0954	17.24	220	1.27	5.49	32	19.2	7	9.38	249

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-2
 Date 7/15/2019
 DTW¹ 30.23
 DTB² 41.44
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1002 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)
1008	30.38	200	0.32	5.86	23	18.7	103	8.54	223
1012	30.38	200	0.53	5.50	19	18.7	69	9.81	251
1016	30.38	200	0.74	5.55	18	18.6	27	9.58	254
1020	30.38	200	0.95	5.58	17	18.5	19	9.86	257
1024	30.38	200	1.16	5.60	17	18.5	14	9.88	261
1028	30.38	200	1.37	5.61	17	18.5	10	9.72	264

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

Environmental Monitoring Services, LLC

Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-3
 Date 7/15/2019
 DTW¹ 21.89
 DTB² 46.90
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1050 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)
1100	22.21	240	0.63	4.67	31	19.0	1	10.54	235
1104	22.21	240	0.88	4.60	18	16.5	1	9.81	262
1108	22.21	240	1.13	4.57	18	16.2	2	9.63	279
1112	22.21	240	1.38	4.56	17	16.2	2	9.96	298

Comments
Clear, odor present

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-4
 Date 7/18/2019
 DTW¹ 15.08
 DTB² 38.56
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump for Metals, Straw Method/Reverse Flow for VOC's
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 0824 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)
0834	17.22	210	0.55	4.74	41	17.6	2	1.31	197
0838	17.22	210	0.77	4.84	39	17.6	2	0.86	187
0842	17.22	210	0.99	4.85	36	17.7	1	0.39	183
0846	17.22	210	1.21	4.92	34	17.9	1	0.38	175
0850	17.22	210	1.43	4.97	34	18.0	1	0.36	169
0854	17.22	210	1.65	5.01	33	18.0	1	0.35	161

Comments
Clear, no odor

Field Tech: B. Weaver

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-5
 Date 7/18/2019
 DTW¹ 9.63
 DTB² 23.19
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump for Metals, Straw Method/Reverse Flow for VOC's
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 0853 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)
0903	9.76	200	0.53	4.20	48	18.2	2	4.01	217
0907	9.76	200	0.74	4.18	45	17.9	2	4.36	215
0911	9.76	200	0.95	4.17	44	17.8	2	4.47	213
0915	9.76	200	1.16	4.17	44	17.7	2	4.56	213

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-6
 Date 7/17/2019
 DTW¹ 25.04
 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 = 1330 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)
1340	25.26	210	0.55	5.24	71	19.9	2	0.50	195
1344	25.26	210	0.77	5.36	70	19.8	2	0.56	195
1348	25.26	210	0.99	5.42	70	19.7	2	0.44	192
1352	25.26	210	1.21	5.46	70	19.6	1	0.39	188
1356	25.26	210	1.43	5.51	70	19.5	1	0.32	185

Comments
Clear, no odor

Field Tech: B. Weaver

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-7A
 Date 7/15/2019
 DTW¹ 27.04
 DTB² 50.80
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1132 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1142	27.18	200	0.53	5.66	74	20.5	3	7.43	251
1146	27.18	200	0.74	5.85	73	20.7	3	8.21	245
1150	27.18	200	0.95	5.90	72	20.9	3	8.43	240
1154	27.18	200	1.16	5.92	72	20.9	3	8.60	237

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

Environmental Monitoring Services, LLC

Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-8
 Date 7/18/2019
 DTW¹ 15.68
 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 = 0929 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)
0939	16.43	220	0.58	4.52	82	18.8	2	0.49	239
0943	16.43	220	0.81	4.53	81	18.6	2	0.37	232
0947	16.43	220	1.04	4.54	82	18.6	2	0.34	228
0951	16.43	220	1.27	4.57	83	18.6	1	0.32	223

Comments
Clear, no odor

Field Tech: B. Weaver

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-9
 Date 7/17/2019
 DTW¹ 13.96
 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 = 1213 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)
1223	14.18	260	0.69	4.06	349	19.3	1	0.48	242
1227	14.18	260	0.96	4.05	332	19.1	1	0.36	240
1231	14.18	260	1.23	4.05	326	19.0	1	0.45	237
1235	14.18	260	1.50	4.06	324	18.9	1	0.29	238

Comments
Clear, no odor

Field Tech: B. Weaver

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-10D
 Date 7/17/2019
 DTW¹ 14.33
 DTB² 36.30
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump for Metals, Straw Method/Reverse Flow for VOC's
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1525 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)
1531	14.46	280	0.45	5.20	48	18.9	3	3.51	214
1535	14.46	280	0.75	5.12	48	18.7	2	3.46	217
1539	14.46	280	1.05	5.07	48	18.7	2	3.58	219
1543	14.46	280	1.35	5.08	48	18.7	2	3.60	219

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-11
 Date 7/15/2019
 DTW¹ 27.73
 DTB² 41.17
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 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	28.46	240	0.38	4.72	277	19.4	4	1.70	254
1255	28.46	240	0.63	4.50	264	18.8	2	1.86	265
1259	28.46	240	0.88	4.49	257	18.6	2	1.78	258
1303	28.46	240	1.13	4.52	257	18.5	3	1.68	253
1307	28.46	240	1.38	4.56	256	18.5	4	1.62	245

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-12R
 Date 12/17/1901
 DTW¹ 8.81
 DTB² 29.79
 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 = 0944 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
0954	9.52	230	0.61	5.51	518	18.7	4	0.49	183
0958	9.52	230	0.85	5.32	515	18.7	11	0.44	181
1002	9.52	230	1.09	5.39	512	18.6	11	0.36	172
1006	9.52	230	1.33	5.46	509	18.5	4	0.31	163
1010	9.52	230	1.57	5.48	507	18.7	1	0.26	167

Comments
Clear, no odor

Field Tech: B. Weaver

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-13R
 Date 7/15/2019
 DTW¹ 27.14
 DTB² 37.94
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1329 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)
1335	27.29	280	0.45	5.51	83	17.9	3	7.89	217
1339	27.29	280	0.75	5.19	79	16.8	2	7.01	237
1343	27.29	280	1.05	5.25	78	16.8	2	6.92	229
1347	27.29	280	1.35	5.24	77	16.8	3	6.74	225

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-14R
 Date 7/17/2019
 DTW¹ 19.95
 DTB² 34.89
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump for Metals, Straw Method/Reverse Flow for VOC's
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1034 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	20.11	200	0.42	5.06	168	24.8	3	2.31	242
1046	20.11	200	0.63	5.43	161	24.3	3	1.90	223
1050	20.11	200	0.84	5.49	160	24.3	2	1.81	216
1054	20.11	200	1.05	5.50	160	24.4	1	1.74	211

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-15
 Date 7/15/2019
 DTW¹ 39.43
 DTB² 46.35
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1403 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)
1409	27.29	200	0.32	4.50	46	21.0	3	2.07	260
1413	27.29	200	0.53	4.37	41	19.4	2	2.49	257
1417	27.29	200	0.74	4.43	40	19.5	3	2.43	244
1421	27.29	200	0.95	4.45	39	19.7	4	2.36	236

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-16
 Date 7/17/2019
 DTW¹ 16.40
 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 = 1449 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)
1459	16.69	220	0.58	5.47	135	17.4	58	3.21	267
1503	16.69	220	0.81	4.83	127	17.1	101	3.53	247
1507	16.69	220	1.04	4.79	127	17.2	68	3.42	244
1511	16.69	220	1.27	4.77	127	17.2	68	3.36	242
1515	16.69	220	1.50	4.77	127	17.2	69	3.31	241
0940	7/18/2019						7		

Comments
Cloudy, no odor, allowed to settle; Metals collected 07/18/2019 @0940 NTU = 7

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-18
 Date 7/16/2019
 DTW¹ 38.17
 DTB² 49.29
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1159 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)
1207	38.56	210	0.44	5.06	26	20.6	2	5.96	237
1211	38.56	210	0.66	5.07	23	19.8	1	6.04	248
1215	38.56	210	0.88	5.04	22	19.4	1	6.03	236
1219	38.56	210	1.10	5.00	22	19.1	1	6.08	232

Comments
Clear, no odor

Field Tech: B. Weaver

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-20
 Date 7/16/2019
 DTW¹ 92.12
 DTB² 112.41
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 0940 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)
0946	92.30	220	0.35	7.33	180	18.4	12	3.23	172
0950	92.30	220	0.58	6.96	155	18.1	9	2.14	177
954	92.30	220	0.81	6.91	152	17.8	7	2.10	182
0958	92.30	220	1.04	6.89	151	17.8	7	2.01	185

Comments
Clear, no odor

Field Tech: N. Walker, B. Weaver

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-21
 Date 7/17/2019
 DTW¹ 23.41
 DTB² 29.91
 Purge Method Peristaltic Pump
 Sample Method Peristaltic Pump for Metals, Straw Method/Reverse Flow for VOC's
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1252 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)
1258	23.60	200	0.32	5.02	38	18.5	1	5.64	199
1302	23.60	200	0.53	4.79	35	18.1	1	5.59	211
1306	23.60	200	0.74	4.75	34	17.9	1	5.68	223
1310	23.60	200	0.95	4.74	33	17.9	1	5.71	232

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-24
 Date 7/16/2019
 DTW¹ 78.11
 DTB² 90.34
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1002 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)
1008	78.31	240	0.38	5.61	55	17.2	7	5.21	207
1012	78.31	240	0.63	5.58	33	17.1	3	7.41	211
1016	78.31	240	0.88	5.40	33	17.0	3	7.51	213
1020	78.31	240	1.13	5.34	32	16.9	2	7.64	215
1024	78.31	240	1.38	5.32	32	16.8	2	7.76	217

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-25
 Date 7/16/2019
 DTW¹ 32.30
 DTB² 58.58
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1032 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)
1038	32.44	200	0.32	4.97	40	17.9	26	6.58	230
1042	32.44	200	0.53	4.95	38	16.8	11	7.11	228
1046	32.44	200	0.74	4.96	37	16.9	12	7.18	226
1050	32.44	200	0.95	4.97	37	17.0	10	7.22	223

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-26
 Date 7/16/2019
 DTW¹ 23.02
 DTB² 43.66
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1100 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (μS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1106	23.21	220	0.35	4.92	63	20.0	73	5.20	230
1110	23.21	220	0.58	4.90	55	19.2	62	5.23	233
1114	23.21	220	0.71	4.91	52	18.7	50	5.70	235
1118	23.21	220	0.84	4.88	59	18.6	38	5.84	237
1122	23.21	220	0.97	4.85	64	18.4	24	5.28	230
1126	23.21	220	1.10	4.83	65	18.3	15	5.16	234
1130	23.21	220	1.23	4.82	66	18.3	10	5.04	232

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-27
 Date 7/16/2019
 DTW¹ 41.02
 DTB² 53.75
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1010 LEL/Vol = 0

Time	DTW ¹	Purge Rate (mL/min)	Actual Volume (gallons)	pH	SC (µS/cm)	T (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
1020	41.58	290	0.77	5.48	23	16.6	3	8.03	214
1024	41.58	290	1.08	5.31	22	16.6	2	8.14	223
1028	41.58	290	1.39	5.12	22	16.5	1	8.29	228
1032	41.58	290	1.70	5.09	22	16.4	1	8.28	230
1036	41.58	290	2.01	5.06	22	16.4	1	8.31	232
1040	41.58	290	2.32	5.10	22	16.5	1	8.33	233

Comments
Clear, slight odor

Field Tech: B. Weaver

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 7/16/2019
 DTW¹ 59.46
 DTB² 71.81
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1050 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)
1100	60.81	200	0.53	5.70	41	17.0	1	5.83	209
1104	60.81	200	0.74	5.73	41	16.7	1	5.51	209
1108	60.81	200	0.95	5.72	41	16.8	1	5.48	211
1112	60.81	200	1.16	5.71	40	16.8	1	5.43	212

Comments
Clear, no odor

Field Tech: B. Weaver

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

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client Advanced Disposal Services
 Site Eagle Point Landfill
 Well ID GWC-29
 Date 7/16/2019
 DTW¹ 50.82
 DTB² 62.74
 Purge Method Dedicated Bladder Pump
 Sample Method Dedicated Bladder Pump
 Stabilization Yes
 Parameters Appendix I VOCs / Metals

Purge Start Time = 1122 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)
1130	50.98	230	0.49	5.76	30	17.3	2	6.37	212
1134	50.98	230	0.73	5.36	23	17.5	1	7.06	227
1138	50.98	230	0.97	5.21	22	17.3	1	7.14	231
1142	50.98	230	1.20	5.15	22	17.2	1	7.19	236
1146	50.98	230	1.44	5.13	21	17.3	1	7.17	238

Comments
Clear, no odor

Field Tech: B. Weaver

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	7/18/2019
Time	1135
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 near GWC-4

Field Tech: N. Walker

***EM** Services*

Environmental Monitoring Services, LLC

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	7/16/2019	1359	6.64	182	29.2	13	Clear, slight odor, low flow
SWC-2	7/16/2019	1407	6	85	29	6	Clear, no odor, very low flow
SWC-4	7/16/2019	1327	-	-	-	-	Point dry
SWC-5	7/17/2019	1610	6.14	194	22.8	2	Clear, slight odor, good flow
SWC-6	7/18/2019	1012	5.35	163	27.7	2	Clear, no odor, low flow
SWC-7	7/16/2019	1349	5.21	104	24.3	6	Clear, no odor, good flow
SWC-7TJ	7/17/2019	1430	-	-	-	-	Point dry
SWC-8	7/17/2019	1420	-	-	-	-	Point dry
SWC-10	7/16/2019	1301	5.50	42	21.9	7	Clear, no odor, low flow
SWC-11	7/17/2019	1331	-	-	-	-	Point dry
SWC-12	7/16/2019	1416	7.11	47	19.1	13	Clear, no odor, low flow
SWC-13	7/16/2019	1337	-	-	-	-	Point dry

Field Tech: N. Walker, B. Weaver

EM Services

Environmental Monitoring Services, LLC

Field Data Sheet

Client Advanced Disposal Services
Site Eagle Point Landfill
Sample Method Directly into bottles
Parameters Cl, COD, TOC, CN, Total Metals (Hg, Se), Diss 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	7/18/2019	1044	5.18	39	23.9	8	8.21	Clear, no odor, good flow
SWC-9	7/17/2019	1520	6.07	28	24.5	7	5.82	Clear, no odor, good flow

Field Tech: N. Walker, B. Weaver

***EM** Services*

Environmental Monitoring Services, LLC

Client Advanced Disposal Services
Site Eagle Point Landfill
Date 7/15/2019

Well	DTW ¹	DTB ¹
GWA-1	4.11	28.10
GWA-2	29.63	50.09
GWC-1	17.10	34.90
GWC-2	30.23	41.44
GWC-3	21.89	46.90
GWC-4	15.08	38.56
GWC-5	9.63	23.19
GWC-6	25.04	37.54
GWC-7	26.47	91.33
GWC-7A	27.04	50.80
GWC-8	15.68	36.43
GWC-9	13.96	24.35
GWC-10	26.59	36.55
GWC-10D	14.33	36.30
GWC-11	27.73	41.17
GWC-12R	8.81	29.79

Well	DTW ¹	DTB ¹
GWC-13	Dry	23.05
GWC-13R	27.14	37.94
GWC-14R	19.95	34.89
GWC-15	39.43	46.35
GWC-16	16.40	24.62
GWC-17	45.01	54.75
GWC-18	38.17	49.29
GWC-19	45.61	55.18
GWC-20	92.12	112.41
GWC-21	23.41	29.91
GWC-24	78.11	90.34
GWC-25	32.20	58.58
GWC-26	23.02	43.66
GWC-27	41.02	53.75
GWC-28	59.46	71.81
GWC-29	50.82	62.74

¹ Measured in feet from Top of Casing

July 29, 2019

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

RE: Project: Eagle Point LF 058-012D(SL)
Pace Project No.: 2620991

Dear Michael Stowe:

Enclosed are the analytical results for sample(s) received by the laboratory on July 18, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Eben Buchanan
eben.buchanan@pacelabs.com
(770)734-4200
Project Manager

Enclosures

cc: TJ Daniel, Bunnell-Lammons Engineering, Inc (BLE)
Robert Heller, Hodges, Harbin, Newberry & Tribble, Inc.
Ivan Irizarry, Bunnell-Lammons Engineering, Inc (BLE)
Jackson Morgan, Hodges Harbin Newberry & Tribble Inc.
Mark Preddy, Bunnell-Lammons Engineering, Inc



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Atlanta Certification IDs

110 Technology Parkway Peachtree Corners, GA 30092

Florida DOH Certification #: E87315

Georgia DW Inorganics Certification #: 812

Georgia DW Microbiology Certification #: 812

North Carolina Certification #: 381

South Carolina Certification #: 98011001

Virginia Certification #: 460204

Asheville Certification IDs

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

Massachusetts Certification #: M-NC030

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2620991001	GWA-1	Water	07/17/19 12:21	07/18/19 13:10
2620991002	GWA-2	Water	07/16/19 12:16	07/18/19 13:10
2620991003	GWC-1	Water	07/15/19 09:54	07/18/19 13:10
2620991004	GWC-2	Water	07/15/19 10:28	07/18/19 13:10
2620991005	GWC-3	Water	07/15/19 11:12	07/18/19 13:10
2620991006	GWC-4	Water	07/18/19 08:54	07/18/19 13:10
2620991007	GWC-5	Water	07/18/19 09:15	07/18/19 13:10
2620991008	GWC-6	Water	07/17/19 13:56	07/18/19 13:10
2620991009	GWC-7	Water	07/15/19 12:18	07/18/19 13:10
2620991010	GWC-7A	Water	07/15/19 11:54	07/18/19 13:10
2620991011	GWC-8	Water	07/18/19 09:51	07/18/19 13:10
2620991012	GWC-9	Water	07/17/19 12:35	07/18/19 13:10
2620991013	GWC-10D	Water	07/17/19 15:43	07/18/19 13:10
2620991014	GWC-11	Water	07/15/19 13:07	07/18/19 13:10
2620991015	GWC-12R	Water	07/17/19 10:10	07/18/19 13:10
2620991016	GWC-13R	Water	07/15/19 13:47	07/18/19 13:10
2620991017	GWC-14R	Water	07/17/19 10:54	07/18/19 13:10
2620991018	GWC-15	Water	07/15/19 14:21	07/18/19 13:10
2620991019	GWC-16	Water	07/17/19 15:15	07/18/19 13:10
2620991020	GWC-16	Water	07/18/19 09:40	07/18/19 13:10
2620991021	GWC-17	Water	07/16/19 12:55	07/18/19 13:10
2620991022	GWC-18	Water	07/16/19 12:19	07/18/19 13:10
2620991023	GWC-19	Water	07/16/19 09:33	07/18/19 13:10
2620991024	GWC-20	Water	07/16/19 09:58	07/18/19 13:10
2620991025	GWC-21	Water	07/17/19 13:10	07/18/19 13:10
2620991026	GWC-24	Water	07/16/19 10:24	07/18/19 13:10
2620991027	GWC-25	Water	07/16/19 10:50	07/18/19 13:10
2620991028	GWC-26	Water	07/16/19 11:30	07/18/19 13:10
2620991029	GWC-27	Water	07/16/19 10:40	07/18/19 13:10
2620991030	GWC-28	Water	07/16/19 11:12	07/18/19 13:10
2620991031	GWC-29	Water	07/16/19 11:46	07/18/19 13:10
2620991032	SWC-1	Water	07/16/19 13:59	07/18/19 13:10
2620991033	SWC-2	Water	07/16/19 14:07	07/18/19 13:10
2620991034	SWC-5	Water	07/17/19 16:10	07/18/19 13:10
2620991035	SWC-6	Water	07/18/19 10:12	07/18/19 13:10
2620991036	SWC-7	Water	07/16/19 13:49	07/18/19 13:10
2620991037	SWC-10	Water	07/16/19 13:01	07/18/19 13:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2620991038	SWC-12	Water	07/16/19 14:16	07/18/19 13:10
2620991039	Field Blank	Water	07/18/19 11:35	07/18/19 13:10
2620991040	Trip Blank	Water	07/15/19 08:00	07/18/19 13:10
2620991041	SWA-1	Water	07/18/19 10:44	07/18/19 13:10
2620991042	SWC-9	Water	07/17/19 15:20	07/18/19 13:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2620991001	GWA-1	EPA 8011	MZP	3	PASI-GA
		EPA 8081B	SFI	22	PASI-GA
		EPA 8082A	SFI	8	PASI-GA
		EPA 8151A	MZP	5	PASI-GA
		EPA 6020B	CSW	16	PASI-GA
		EPA 7470A	DRB	1	PASI-GA
		EPA 8270D	MKI	3	PASI-GA
		EPA 8270D	JRS	108	PASI-GA
		EPA 8260B	LIH	63	PASI-GA
		SM 4500-S2 D	KN	1	PASI-GA
		EPA 9014 Cyanide	JAD	1	PASI-GA
2620991002	GWA-2	EPA 8011	MZP	3	PASI-GA
		EPA 8081B	SFI	22	PASI-GA
		EPA 8082A	SFI	8	PASI-GA
		EPA 8151A	MZP	5	PASI-GA
		EPA 6020B	CSW	16	PASI-GA
		EPA 7470A	DRB	1	PASI-GA
		EPA 8270D	MKI	3	PASI-GA
		EPA 8270D	JRS	108	PASI-GA
		EPA 8260B	LIH	63	PASI-GA
		SM 4500-S2 D	KN	1	PASI-GA
		EPA 9014 Cyanide	JAD	1	PASI-GA
2620991003	GWC-1	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991004	GWC-2	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991005	GWC-3	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991006	GWC-4	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991007	GWC-5	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991008	GWC-6	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991009	GWC-7	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991010	GWC-7A	EPA 6020B	CSW	15	PASI-GA

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2620991011	GWC-8	EPA 8260B	LIH	51	PASI-GA
		EPA 6020B	CSW	15	PASI-GA
2620991012	GWC-9	EPA 8260B	LIH	51	PASI-GA
		EPA 6020B	CSW	15	PASI-GA
2620991013	GWC-10D	EPA 8260B	LIH	51	PASI-GA
		EPA 6020B	CSW	15	PASI-GA
2620991014	GWC-11	EPA 8260B	LIH	51	PASI-GA
		EPA 6020B	CSW	15	PASI-GA
2620991015	GWC-12R	EPA 8260B	LIH	51	PASI-GA
		EPA 8011	MZP	3	PASI-GA
		EPA 8081B	SFI	22	PASI-GA
		EPA 8082A	SFI	8	PASI-GA
		EPA 8151A	MZP	5	PASI-GA
		EPA 6020B	CSW	16	PASI-GA
		EPA 7470A	DRB	1	PASI-GA
		EPA 8270D	MKI	3	PASI-GA
		EPA 8270D	JRS	108	PASI-GA
		EPA 8260B	LIH	63	PASI-GA
		SM 4500-S2 D	KN	1	PASI-GA
		EPA 9014 Cyanide	JAD	1	PASI-GA
2620991016	GWC-13R	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991017	GWC-14R	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991018	GWC-15	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991019	GWC-16	EPA 8260B	LIH	51	PASI-GA
2620991020	GWC-16	EPA 6020B	CSW	15	PASI-GA
2620991021	GWC-17	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991022	GWC-18	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991023	GWC-19	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991024	GWC-20	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991025	GWC-21	EPA 6020B	CSW	15	PASI-GA

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260B	LIH	51	PASI-GA
2620991026	GWC-24	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991027	GWC-25	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991028	GWC-26	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991029	GWC-27	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991030	GWC-28	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991031	GWC-29	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991032	SWC-1	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991033	SWC-2	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991034	SWC-5	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991035	SWC-6	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991036	SWC-7	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991037	SWC-10	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991038	SWC-12	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991039	Field Blank	EPA 6020B	CSW	15	PASI-GA
		EPA 8260B	LIH	51	PASI-GA
2620991040	Trip Blank	EPA 8260B	LIH	51	PASI-GA
2620991041	SWA-1	EPA 6020B	CSW	1	PASI-GA
		EPA 6020B	CSW	8	PASI-GA
		EPA 7470A	DRB	1	PASI-GA
		EPA 410.4	ANB	1	PASI-GA
		EPA 9014 Cyanide	JAD	1	PASI-GA
		EPA 9056A	MWB	1	PASI-GA
		EPA 9060A	ECH	5	PASI-A

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2620991042	SWC-9	EPA 6020B	CSW	1	PASI-GA
		EPA 6020B	CSW	8	PASI-GA
		EPA 7470A	DRB	1	PASI-GA
		EPA 410.4	ANB	1	PASI-GA
		EPA 9014 Cyanide	JAD	1	PASI-GA
		EPA 9056A	MWB	1	PASI-GA
		EPA 9060A	ECH	5	PASI-A

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWA-1	Lab ID: 2620991001	Collected: 07/17/19 12:21	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP								
Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	ND	ug/L	0.20	1	07/24/19 10:20	07/24/19 17:18	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	0.051	1	07/24/19 10:20	07/24/19 17:18	106-93-4	
Surrogates								
Bromoform (S)	91	%	31-168	1	07/24/19 10:20	07/24/19 17:18	75-25-2	
8081 GCS Pesticide Waters								
Analytical Method: EPA 8081B Preparation Method: EPA 3510C								
Aldrin	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	309-00-2	
alpha-BHC	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	319-84-6	M1
beta-BHC	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	319-85-7	
delta-BHC	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	58-89-9	
Chlordane (Technical)	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:04	57-74-9	
4,4'-DDD	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	72-54-8	
4,4'-DDE	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	72-55-9	
4,4'-DDT	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	50-29-3	
Dieldrin	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	60-57-1	
Endosulfan I	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:04	959-98-8	
Endosulfan II	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:04	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:04	1031-07-8	
Endrin	ND	ug/L	0.20	1	07/22/19 14:00	07/22/19 20:04	72-20-8	
Endrin aldehyde	ND	ug/L	0.20	1	07/22/19 14:00	07/22/19 20:04	7421-93-4	
Heptachlor	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	76-44-8	
Heptachlor epoxide	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	1024-57-3	
Isodrin	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:04	465-73-6	
Methoxychlor	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:04	72-43-5	
Toxaphene	ND	ug/L	2.0	1	07/22/19 14:00	07/22/19 20:04	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	98	%	19-148	1	07/22/19 14:00	07/22/19 20:04	877-09-8	
Decachlorobiphenyl (S)	67	%	10-157	1	07/22/19 14:00	07/22/19 20:04	2051-24-3	
8082 PCB Water GCS								
Analytical Method: EPA 8082A Preparation Method: EPA 3510C								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:07	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	72	%	17-144	1	07/22/19 14:00	07/23/19 19:07	2051-24-3	
8151A CI Acid Herbicide Waters								
Analytical Method: EPA 8151A Preparation Method: EPA 8151A								
2,4-D	ND	ug/L	5.0	1	07/23/19 08:00	07/24/19 19:01	94-75-7	
Dinoseb	ND	ug/L	5.0	1	07/23/19 08:00	07/24/19 19:01	88-85-7	
2,4,5-T	ND	ug/L	5.0	1	07/23/19 08:00	07/24/19 19:01	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	10.0	1	07/23/19 08:00	07/24/19 19:01	93-72-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWA-1	Lab ID: 2620991001	Collected: 07/17/19 12:21	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151A CI Acid Herbicide Waters Analytical Method: EPA 8151A Preparation Method: EPA 8151A								
Surrogates								
2,4-DCAA (S)	80	%	10-155	1	07/23/19 08:00	07/24/19 19:01	19719-28-9	
6020B MET ICPMS Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 09:31	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 09:31	7440-38-2	
Barium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 09:31	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 09:31	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 09:31	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 09:31	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 09:31	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 09:31	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 09:31	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 09:31	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 09:31	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 09:31	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 09:31	7440-28-0	
Tin	ND	mg/L	1.0	1	07/22/19 09:53	07/23/19 09:31	7440-31-5	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 09:31	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 09:31	7440-66-6	
7470 Mercury Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	ND	mg/L	0.00050	1	07/23/19 10:18	07/23/19 14:22	7439-97-6	
8270D MSSV Low Level Analytical Method: EPA 8270D Preparation Method: EPA 3510C								
Benzo(a)pyrene	ND	ug/L	0.20	1	07/22/19 10:05	07/22/19 16:54	50-32-8	
Hexachlorobenzene	ND	ug/L	1.0	1	07/22/19 10:05	07/22/19 16:54	118-74-1	
Pentachlorophenol	ND	ug/L	1.0	1	07/22/19 10:05	07/22/19 16:54	87-86-5	
8270D MSSV Water, Extend Analytical Method: EPA 8270D Preparation Method: EPA 3510C								
Acenaphthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	208-96-8	
Acetophenone	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	98-86-2	
2-Acetylaminofluorene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	92-67-1	
Anthracene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 20:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 20:53	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	510-15-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWA-1	Lab ID: 2620991001	Collected: 07/17/19 12:21	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV Water, Extend		Analytical Method: EPA 8270D Preparation Method: EPA 3510C						
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	91-58-7	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	7005-72-3	
Chrysene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	218-01-9	
Diallate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 20:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	84-66-2	
Dimethoate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	117-84-0	
Disulfoton	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	07/22/19 10:05	07/22/19 20:53	117-81-7	
Ethyl methanesulfonate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	62-50-0	
Famphur	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	206-44-0	
Fluorene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	193-39-5	
Isophorone	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	78-59-1	
Isosafrole	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	120-58-1	
Kepone	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 20:53	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	91-80-5	
3-Methylcholanthrene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	56-49-5	
Methyl methanesulfonate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53		
1-Naphthalenamine	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	134-32-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWA-1	Lab ID: 2620991001	Collected: 07/17/19 12:21	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV Water, Extend		Analytical Method: EPA 8270D Preparation Method: EPA 3510C						
2-Naphthalenamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	91-59-8	
Naphthalene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	91-20-3	
1,4-Naphthoquinone	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 20:53	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 20:53	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 20:53	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	126-68-1	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	108-60-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	608-93-5	
Pentachloronitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	82-68-8	
Phenacetin	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	85-01-8	
Phenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	108-95-2	
p-Phenylenediamine	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	106-50-3	
Phorate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	298-02-2	
Pronamide	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	23950-58-5	
Pyrene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	129-00-0	
Safrole	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 20:53	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 20:53	58-90-2	
Thionazin	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 20:53	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	69	%	13-107	1	07/22/19 10:05	07/22/19 20:53	4165-60-0	
2-Fluorobiphenyl (S)	63	%	12-129	1	07/22/19 10:05	07/22/19 20:53	321-60-8	
p-Terphenyl-d14 (S)	96	%	14-147	1	07/22/19 10:05	07/22/19 20:53	1718-51-0	
Phenol-d6 (S)	16	%	10-46	1	07/22/19 10:05	07/22/19 20:53	13127-88-3	
2-Fluorophenol (S)	28	%	10-64	1	07/22/19 10:05	07/22/19 20:53	367-12-4	
2,4,6-Tribromophenol (S)	69	%	10-148	1	07/22/19 10:05	07/22/19 20:53	118-79-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWA-1	Lab ID: 2620991001	Collected: 07/17/19 12:21	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 01:08	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		07/23/19 01:08	75-05-8	v1
Acrolein	ND	ug/L	50.0	1		07/23/19 01:08	107-02-8	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 01:08	107-13-1	
Allyl chloride	ND	ug/L	5.0	1		07/23/19 01:08	107-05-1	
Benzene	ND	ug/L	2.0	1		07/23/19 01:08	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 01:08	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 01:08	75-27-4	M1
Bromoform	ND	ug/L	10.0	1		07/23/19 01:08	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 01:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 01:08	78-93-3	R1
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 01:08	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 01:08	56-23-5	M1
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 01:08	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 01:08	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 01:08	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 01:08	74-87-3	R1
Chloroprene	ND	ug/L	5.0	1		07/23/19 01:08	126-99-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 01:08	124-48-1	M1,R1
Dibromomethane	ND	ug/L	10.0	1		07/23/19 01:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 01:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 01:08	541-73-1	R1
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 01:08	106-46-7	R1
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 01:08	110-57-6	
Dichlorodifluoromethane	ND	ug/L	10.0	1		07/23/19 01:08	75-71-8	M1
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 01:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 01:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 01:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 01:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 01:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 01:08	78-87-5	R1
1,3-Dichloropropane	ND	ug/L	2.0	1		07/23/19 01:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 01:08	594-20-7	R1
1,1-Dichloropropene	ND	ug/L	2.0	1		07/23/19 01:08	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 01:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 01:08	10061-02-6	R1
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 01:08	100-41-4	
Ethyl methacrylate	ND	ug/L	10.0	1		07/23/19 01:08	97-63-2	
2-Hexanone	ND	ug/L	50.0	1		07/23/19 01:08	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 01:08	74-88-4	
Isobutanol	ND	ug/L	100	1		07/23/19 01:08	78-83-1	v1
Methacrylonitrile	ND	ug/L	100	1		07/23/19 01:08	126-98-7	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 01:08	75-09-2	
Methyl methacrylate	ND	ug/L	10.0	1		07/23/19 01:08	80-62-6	R1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 01:08	108-10-1	R1
Propionitrile	ND	ug/L	100	1		07/23/19 01:08	107-12-0	
Styrene	ND	ug/L	10.0	1		07/23/19 01:08	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)
Pace Project No.: 2620991

Sample: GWA-1	Lab ID: 2620991001	Collected: 07/17/19 12:21	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend	Analytical Method: EPA 8260B							
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 01:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 01:08	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 01:08	127-18-4	R1
Toluene	ND	ug/L	2.0	1		07/23/19 01:08	108-88-3	R1
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 01:08	71-55-6	M1
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 01:08	79-00-5	R1
Trichloroethene	ND	ug/L	2.0	1		07/23/19 01:08	79-01-6	R1
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 01:08	75-69-4	M1,v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 01:08	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 01:08	108-05-4	M1
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 01:08	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 01:08	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	81-119	1		07/23/19 01:08	17060-07-0	
Dibromofluoromethane (S)	97	%	82-114	1		07/23/19 01:08	1868-53-7	
4-Bromofluorobenzene (S)	103	%	82-120	1		07/23/19 01:08	460-00-4	
Toluene-d8 (S)	103	%	82-109	1		07/23/19 01:08	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2 D							
Sulfide	ND	mg/L	1.0	1		07/19/19 17:45	18496-25-8	
9014 Cyanide	Analytical Method: EPA 9014 Cyanide Preparation Method: EPA 9010C							
Cyanide	ND	mg/L	0.020	1	07/26/19 12:15	07/26/19 14:06	57-12-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWA-2	Lab ID: 2620991002	Collected: 07/16/19 12:16	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP								
Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	ND	ug/L	0.19	1	07/24/19 10:20	07/24/19 17:34	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	0.048	1	07/24/19 10:20	07/24/19 17:34	106-93-4	
Surrogates								
Bromoform (S)	89	%	31-168	1	07/24/19 10:20	07/24/19 17:34	75-25-2	
8081 GCS Pesticide Waters								
Analytical Method: EPA 8081B Preparation Method: EPA 3510C								
Aldrin	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	309-00-2	
alpha-BHC	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	319-84-6	
beta-BHC	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	319-85-7	
delta-BHC	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	58-89-9	
Chlordane (Technical)	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:25	57-74-9	
4,4'-DDD	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	72-54-8	
4,4'-DDE	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	72-55-9	
4,4'-DDT	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	50-29-3	
Dieldrin	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	60-57-1	
Endosulfan I	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:25	959-98-8	
Endosulfan II	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:25	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:25	1031-07-8	
Endrin	ND	ug/L	0.20	1	07/22/19 14:00	07/22/19 20:25	72-20-8	
Endrin aldehyde	ND	ug/L	0.20	1	07/22/19 14:00	07/22/19 20:25	7421-93-4	
Heptachlor	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	76-44-8	
Heptachlor epoxide	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	1024-57-3	
Isodrin	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:25	465-73-6	
Methoxychlor	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:25	72-43-5	
Toxaphene	ND	ug/L	2.0	1	07/22/19 14:00	07/22/19 20:25	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	91	%	19-148	1	07/22/19 14:00	07/22/19 20:25	877-09-8	
Decachlorobiphenyl (S)	76	%	10-157	1	07/22/19 14:00	07/22/19 20:25	2051-24-3	
8082 PCB Water GCS								
Analytical Method: EPA 8082A Preparation Method: EPA 3510C								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:27	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:27	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:27	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:27	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:27	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:27	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:27	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	99	%	17-144	1	07/22/19 14:00	07/23/19 19:27	2051-24-3	
8151A CI Acid Herbicide Waters								
Analytical Method: EPA 8151A Preparation Method: EPA 8151A								
2,4-D	ND	ug/L	5.0	1	07/23/19 08:00	07/24/19 18:39	94-75-7	
Dinoseb	ND	ug/L	5.0	1	07/23/19 08:00	07/24/19 18:39	88-85-7	
2,4,5-T	ND	ug/L	5.0	1	07/23/19 08:00	07/24/19 18:39	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	10.0	1	07/23/19 08:00	07/24/19 18:39	93-72-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWA-2	Lab ID: 2620991002	Collected: 07/16/19 12:16	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151A CI Acid Herbicide Waters Analytical Method: EPA 8151A Preparation Method: EPA 8151A								
Surrogates								
2,4-DCAA (S)	107	%	10-155	1	07/23/19 08:00	07/24/19 18:39	19719-28-9	
6020B MET ICPMS Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 09:54	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 09:54	7440-38-2	
Barium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 09:54	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 09:54	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 09:54	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 09:54	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 09:54	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 09:54	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 09:54	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 09:54	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 09:54	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 09:54	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 09:54	7440-28-0	
Tin	ND	mg/L	1.0	1	07/22/19 09:53	07/23/19 09:54	7440-31-5	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 09:54	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 09:54	7440-66-6	
7470 Mercury Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	ND	mg/L	0.00050	1	07/23/19 10:18	07/23/19 14:31	7439-97-6	
8270D MSSV Low Level Analytical Method: EPA 8270D Preparation Method: EPA 3510C								
Benzo(a)pyrene	ND	ug/L	0.20	1	07/22/19 10:05	07/22/19 17:17	50-32-8	
Hexachlorobenzene	ND	ug/L	1.0	1	07/22/19 10:05	07/22/19 17:17	118-74-1	
Pentachlorophenol	ND	ug/L	1.0	1	07/22/19 10:05	07/22/19 17:17	87-86-5	
8270D MSSV Water, Extend Analytical Method: EPA 8270D Preparation Method: EPA 3510C								
Acenaphthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	208-96-8	
Acetophenone	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	98-86-2	
2-Acetylaminofluorene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	92-67-1	
Anthracene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:15	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:15	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	510-15-6	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWA-2	Lab ID: 2620991002	Collected: 07/16/19 12:16	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV Water, Extend		Analytical Method: EPA 8270D Preparation Method: EPA 3510C						
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	91-58-7	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	7005-72-3	
Chrysene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	218-01-9	
Diallate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:15	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	84-66-2	
Dimethoate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	117-84-0	
Disulfoton	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	07/22/19 10:05	07/22/19 21:15	117-81-7	
Ethyl methanesulfonate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	62-50-0	
Famphur	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	206-44-0	
Fluorene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	193-39-5	
Isophorone	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	78-59-1	
Isosafrole	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	120-58-1	
Kepone	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:15	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	91-80-5	
3-Methylcholanthrene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	56-49-5	
Methyl methanesulfonate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15		
1-Naphthalenamine	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	134-32-7	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWA-2	Lab ID: 2620991002	Collected: 07/16/19 12:16	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV Water, Extend		Analytical Method: EPA 8270D Preparation Method: EPA 3510C						
2-Naphthalenamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	91-59-8	
Naphthalene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	91-20-3	
1,4-Naphthoquinone	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:15	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:15	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:15	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	126-68-1	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	108-60-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	608-93-5	
Pentachloronitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	82-68-8	
Phenacetin	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	85-01-8	
Phenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	108-95-2	M1
p-Phenylenediamine	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	106-50-3	
Phorate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	298-02-2	
Pronamide	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	23950-58-5	
Pyrene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	129-00-0	
Safrole	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:15	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:15	58-90-2	
Thionazin	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:15	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	66	%	13-107	1	07/22/19 10:05	07/22/19 21:15	4165-60-0	
2-Fluorobiphenyl (S)	62	%	12-129	1	07/22/19 10:05	07/22/19 21:15	321-60-8	
p-Terphenyl-d14 (S)	86	%	14-147	1	07/22/19 10:05	07/22/19 21:15	1718-51-0	
Phenol-d6 (S)	15	%	10-46	1	07/22/19 10:05	07/22/19 21:15	13127-88-3	
2-Fluorophenol (S)	26	%	10-64	1	07/22/19 10:05	07/22/19 21:15	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-148	1	07/22/19 10:05	07/22/19 21:15	118-79-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWA-2		Lab ID: 2620991002	Collected: 07/16/19 12:16	Received: 07/18/19 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 01:34	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		07/23/19 01:34	75-05-8	v1
Acrolein	ND	ug/L	50.0	1		07/23/19 01:34	107-02-8	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 01:34	107-13-1	
Allyl chloride	ND	ug/L	5.0	1		07/23/19 01:34	107-05-1	
Benzene	ND	ug/L	2.0	1		07/23/19 01:34	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 01:34	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 01:34	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 01:34	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 01:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 01:34	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 01:34	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 01:34	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 01:34	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 01:34	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 01:34	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 01:34	74-87-3	
Chloroprene	ND	ug/L	5.0	1		07/23/19 01:34	126-99-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 01:34	124-48-1	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 01:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 01:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 01:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 01:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 01:34	110-57-6	
Dichlorodifluoromethane	ND	ug/L	10.0	1		07/23/19 01:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 01:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 01:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 01:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 01:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 01:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 01:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.0	1		07/23/19 01:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 01:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.0	1		07/23/19 01:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 01:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 01:34	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 01:34	100-41-4	
Ethyl methacrylate	ND	ug/L	10.0	1		07/23/19 01:34	97-63-2	
2-Hexanone	ND	ug/L	50.0	1		07/23/19 01:34	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 01:34	74-88-4	
Isobutanol	ND	ug/L	100	1		07/23/19 01:34	78-83-1	v1
Methacrylonitrile	ND	ug/L	100	1		07/23/19 01:34	126-98-7	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 01:34	75-09-2	
Methyl methacrylate	ND	ug/L	10.0	1		07/23/19 01:34	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 01:34	108-10-1	
Propionitrile	ND	ug/L	100	1		07/23/19 01:34	107-12-0	
Styrene	ND	ug/L	10.0	1		07/23/19 01:34	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWA-2	Lab ID: 2620991002	Collected: 07/16/19 12:16	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend	Analytical Method: EPA 8260B							
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 01:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 01:34	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 01:34	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 01:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 01:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 01:34	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 01:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 01:34	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 01:34	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 01:34	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 01:34	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 01:34	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	81-119	1		07/23/19 01:34	17060-07-0	
Dibromofluoromethane (S)	97	%	82-114	1		07/23/19 01:34	1868-53-7	
4-Bromofluorobenzene (S)	106	%	82-120	1		07/23/19 01:34	460-00-4	
Toluene-d8 (S)	101	%	82-109	1		07/23/19 01:34	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2 D							
Sulfide	ND	mg/L	1.0	1		07/19/19 17:42	18496-25-8	
9014 Cyanide	Analytical Method: EPA 9014 Cyanide Preparation Method: EPA 9010C							
Cyanide	ND	mg/L	0.020	1	07/26/19 12:15	07/26/19 14:09	57-12-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-1	Lab ID: 2620991003	Collected: 07/15/19 09:54	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 10:00	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:00	7440-38-2	
Barium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:00	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 10:00	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 10:00	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:00	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 10:00	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:00	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 10:00	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:00	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:00	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:00	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 10:00	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:00	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:00	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 02:00	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 02:00	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 02:00	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 02:00	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 02:00	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 02:00	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 02:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 02:00	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 02:00	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 02:00	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 02:00	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 02:00	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 02:00	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 02:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 02:00	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 02:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 02:00	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 02:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 02:00	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 02:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 02:00	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 02:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 02:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 02:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 02:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 02:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 02:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 02:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 02:00	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 02:00	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-1		Lab ID: 2620991003		Collected: 07/15/19 09:54		Received: 07/18/19 13:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Water, Extend		Analytical Method: EPA 8260B							
2-Hexanone	ND	ug/L	50.0	1		07/23/19 02:00	591-78-6		
Iodomethane	ND	ug/L	100	1		07/23/19 02:00	74-88-4		
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 02:00	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 02:00	108-10-1		
Styrene	ND	ug/L	10.0	1		07/23/19 02:00	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 02:00	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 02:00	79-34-5		
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 02:00	127-18-4		
Toluene	ND	ug/L	2.0	1		07/23/19 02:00	108-88-3		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 02:00	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 02:00	79-00-5		
Trichloroethene	ND	ug/L	2.0	1		07/23/19 02:00	79-01-6		
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 02:00	75-69-4	v1	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 02:00	96-18-4		
Vinyl acetate	ND	ug/L	100	1		07/23/19 02:00	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 02:00	75-01-4		
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 02:00	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	81-119	1		07/23/19 02:00	17060-07-0		
Dibromofluoromethane (S)	100	%	82-114	1		07/23/19 02:00	1868-53-7		
4-Bromofluorobenzene (S)	105	%	82-120	1		07/23/19 02:00	460-00-4		
Toluene-d8 (S)	99	%	82-109	1		07/23/19 02:00	2037-26-5		

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-2	Lab ID: 2620991004	Collected: 07/15/19 10:28	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 10:05	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:05	7440-38-2	
Barium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:05	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 10:05	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 10:05	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:05	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 10:05	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:05	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 10:05	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:05	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:05	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:05	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 10:05	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:05	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:05	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 02:27	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 02:27	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 02:27	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 02:27	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 02:27	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 02:27	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 02:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 02:27	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 02:27	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 02:27	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 02:27	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 02:27	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 02:27	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 02:27	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 02:27	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 02:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 02:27	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 02:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 02:27	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 02:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 02:27	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 02:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 02:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 02:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 02:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 02:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 02:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 02:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 02:27	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 02:27	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-2	Lab ID: 2620991004	Collected: 07/15/19 10:28	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 02:27	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 02:27	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 02:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 02:27	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 02:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 02:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 02:27	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 02:27	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 02:27	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 02:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 02:27	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 02:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 02:27	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 02:27	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 02:27	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 02:27	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 02:27	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	81-119	1		07/23/19 02:27	17060-07-0	
Dibromofluoromethane (S)	96	%	82-114	1		07/23/19 02:27	1868-53-7	
4-Bromofluorobenzene (S)	106	%	82-120	1		07/23/19 02:27	460-00-4	
Toluene-d8 (S)	101	%	82-109	1		07/23/19 02:27	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-3	Lab ID: 2620991005	Collected: 07/15/19 11:12	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 10:11	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:11	7440-38-2	
Barium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:11	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 10:11	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 10:11	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:11	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 10:11	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:11	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 10:11	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:11	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:11	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:11	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 10:11	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:11	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:11	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 02:53	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 02:53	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 02:53	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 02:53	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 02:53	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 02:53	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 02:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 02:53	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 02:53	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 02:53	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 02:53	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 02:53	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 02:53	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 02:53	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 02:53	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 02:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 02:53	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 02:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 02:53	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 02:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 02:53	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 02:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 02:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 02:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 02:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 02:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 02:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 02:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 02:53	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 02:53	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-3		Lab ID: 2620991005		Collected: 07/15/19 11:12		Received: 07/18/19 13:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Water, Extend		Analytical Method: EPA 8260B							
2-Hexanone	ND	ug/L	50.0	1		07/23/19 02:53	591-78-6		
Iodomethane	ND	ug/L	100	1		07/23/19 02:53	74-88-4		
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 02:53	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 02:53	108-10-1		
Styrene	ND	ug/L	10.0	1		07/23/19 02:53	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 02:53	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 02:53	79-34-5		
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 02:53	127-18-4		
Toluene	ND	ug/L	2.0	1		07/23/19 02:53	108-88-3		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 02:53	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 02:53	79-00-5		
Trichloroethene	ND	ug/L	2.0	1		07/23/19 02:53	79-01-6		
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 02:53	75-69-4	v1	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 02:53	96-18-4		
Vinyl acetate	ND	ug/L	100	1		07/23/19 02:53	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 02:53	75-01-4		
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 02:53	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	81-119	1		07/23/19 02:53	17060-07-0		
Dibromofluoromethane (S)	91	%	82-114	1		07/23/19 02:53	1868-53-7		
4-Bromofluorobenzene (S)	100	%	82-120	1		07/23/19 02:53	460-00-4		
Toluene-d8 (S)	100	%	82-109	1		07/23/19 02:53	2037-26-5		

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-4	Lab ID: 2620991006	Collected: 07/18/19 08:54	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 10:28	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:28	7440-38-2	
Barium	0.025	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:28	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 10:28	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 10:28	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:28	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 10:28	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:28	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 10:28	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:28	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:28	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:28	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 10:28	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:28	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:28	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 03:19	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 03:19	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 03:19	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 03:19	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 03:19	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 03:19	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 03:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 03:19	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 03:19	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 03:19	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 03:19	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 03:19	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 03:19	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 03:19	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 03:19	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 03:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 03:19	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 03:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 03:19	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 03:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 03:19	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 03:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 03:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 03:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 03:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 03:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 03:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 03:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 03:19	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 03:19	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-4	Lab ID: 2620991006	Collected: 07/18/19 08:54	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 03:19	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 03:19	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 03:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 03:19	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 03:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 03:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 03:19	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 03:19	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 03:19	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 03:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 03:19	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 03:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 03:19	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 03:19	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 03:19	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 03:19	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 03:19	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%	81-119	1		07/23/19 03:19	17060-07-0	
Dibromofluoromethane (S)	94	%	82-114	1		07/23/19 03:19	1868-53-7	
4-Bromofluorobenzene (S)	98	%	82-120	1		07/23/19 03:19	460-00-4	
Toluene-d8 (S)	102	%	82-109	1		07/23/19 03:19	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-5	Lab ID: 2620991007	Collected: 07/18/19 09:15	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 10:34	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:34	7440-38-2	
Barium	0.040	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:34	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 10:34	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 10:34	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:34	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 10:34	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:34	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 10:34	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:34	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:34	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:34	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 10:34	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:34	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:34	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 12:10	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 12:10	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 12:10	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 12:10	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 12:10	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 12:10	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 12:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 12:10	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 12:10	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 12:10	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 12:10	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 12:10	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 12:10	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 12:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 12:10	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 12:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 12:10	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 12:10	74-95-3	M1
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 12:10	95-50-1	M1
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 12:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 12:10	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 12:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 12:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 12:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 12:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 12:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 12:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 12:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 12:10	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 12:10	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-5	Lab ID: 2620991007	Collected: 07/18/19 09:15	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 12:10	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 12:10	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 12:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 12:10	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 12:10	100-42-5	M1
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 12:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 12:10	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 12:10	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 12:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 12:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 12:10	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 12:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 12:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 12:10	96-18-4	M1
Vinyl acetate	ND	ug/L	100	1		07/23/19 12:10	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 12:10	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 12:10	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	81-119	1		07/23/19 12:10	17060-07-0	
Dibromofluoromethane (S)	92	%	82-114	1		07/23/19 12:10	1868-53-7	
4-Bromofluorobenzene (S)	105	%	82-120	1		07/23/19 12:10	460-00-4	
Toluene-d8 (S)	101	%	82-109	1		07/23/19 12:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-6	Lab ID: 2620991008	Collected: 07/17/19 13:56	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 10:40	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:40	7440-38-2	
Barium	0.073	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:40	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 10:40	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 10:40	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:40	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 10:40	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:40	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 10:40	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:40	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:40	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:40	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 10:40	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:40	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:40	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 12:37	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 12:37	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 12:37	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 12:37	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 12:37	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 12:37	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 12:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 12:37	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 12:37	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 12:37	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 12:37	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 12:37	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 12:37	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 12:37	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 12:37	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 12:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 12:37	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 12:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 12:37	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 12:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 12:37	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 12:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 12:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 12:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 12:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 12:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 12:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 12:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 12:37	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 12:37	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-6	Lab ID: 2620991008	Collected: 07/17/19 13:56	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 12:37	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 12:37	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 12:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 12:37	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 12:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 12:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 12:37	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 12:37	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 12:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 12:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 12:37	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 12:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 12:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 12:37	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 12:37	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 12:37	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 12:37	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	81-119	1		07/23/19 12:37	17060-07-0	
Dibromofluoromethane (S)	94	%	82-114	1		07/23/19 12:37	1868-53-7	
4-Bromofluorobenzene (S)	104	%	82-120	1		07/23/19 12:37	460-00-4	
Toluene-d8 (S)	99	%	82-109	1		07/23/19 12:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-7	Lab ID: 2620991009	Collected: 07/15/19 12:18	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 10:45	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:45	7440-38-2	
Barium	0.020	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:45	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 10:45	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 10:45	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:45	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 10:45	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:45	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 10:45	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:45	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:45	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:45	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 10:45	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:45	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:45	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 13:03	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 13:03	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 13:03	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 13:03	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 13:03	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 13:03	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 13:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 13:03	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 13:03	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 13:03	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 13:03	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 13:03	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 13:03	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 13:03	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 13:03	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 13:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 13:03	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 13:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 13:03	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 13:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 13:03	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 13:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 13:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 13:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 13:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 13:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 13:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 13:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 13:03	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 13:03	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)
Pace Project No.: 2620991

Sample: GWC-7		Lab ID: 2620991009		Collected: 07/15/19 12:18		Received: 07/18/19 13:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Water, Extend		Analytical Method: EPA 8260B							
2-Hexanone	ND	ug/L	50.0	1		07/23/19 13:03	591-78-6		
Iodomethane	ND	ug/L	100	1		07/23/19 13:03	74-88-4		
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 13:03	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 13:03	108-10-1		
Styrene	ND	ug/L	10.0	1		07/23/19 13:03	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 13:03	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 13:03	79-34-5		
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 13:03	127-18-4		
Toluene	ND	ug/L	2.0	1		07/23/19 13:03	108-88-3		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 13:03	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 13:03	79-00-5		
Trichloroethene	ND	ug/L	2.0	1		07/23/19 13:03	79-01-6		
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 13:03	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 13:03	96-18-4		
Vinyl acetate	ND	ug/L	100	1		07/23/19 13:03	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 13:03	75-01-4		
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 13:03	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	81-119	1		07/23/19 13:03	17060-07-0		
Dibromofluoromethane (S)	96	%	82-114	1		07/23/19 13:03	1868-53-7		
4-Bromofluorobenzene (S)	105	%	82-120	1		07/23/19 13:03	460-00-4		
Toluene-d8 (S)	95	%	82-109	1		07/23/19 13:03	2037-26-5		

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-7A	Lab ID: 2620991010	Collected: 07/15/19 11:54	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 10:51	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:51	7440-38-2	
Barium	0.030	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:51	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 10:51	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 10:51	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:51	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 10:51	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:51	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 10:51	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:51	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:51	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:51	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 10:51	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:51	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:51	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 13:29	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 13:29	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 13:29	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 13:29	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 13:29	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 13:29	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 13:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 13:29	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 13:29	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 13:29	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 13:29	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 13:29	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 13:29	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 13:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 13:29	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 13:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 13:29	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 13:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 13:29	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 13:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 13:29	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 13:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 13:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 13:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 13:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 13:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 13:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 13:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 13:29	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 13:29	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-7A		Lab ID: 2620991010	Collected: 07/15/19 11:54	Received: 07/18/19 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 13:29	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 13:29	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 13:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 13:29	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 13:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 13:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 13:29	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 13:29	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 13:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 13:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 13:29	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 13:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 13:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 13:29	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 13:29	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 13:29	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 13:29	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	111	%	81-119	1		07/23/19 13:29	17060-07-0	
Dibromofluoromethane (S)	98	%	82-114	1		07/23/19 13:29	1868-53-7	
4-Bromofluorobenzene (S)	104	%	82-120	1		07/23/19 13:29	460-00-4	
Toluene-d8 (S)	99	%	82-109	1		07/23/19 13:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-8	Lab ID: 2620991011	Collected: 07/18/19 09:51	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 10:57	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:57	7440-38-2	
Barium	0.063	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:57	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 10:57	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 10:57	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:57	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 10:57	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:57	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 10:57	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:57	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:57	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 10:57	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 10:57	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:57	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 10:57	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 13:55	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 13:55	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 13:55	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 13:55	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 13:55	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 13:55	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 13:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 13:55	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 13:55	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 13:55	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 13:55	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 13:55	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 13:55	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 13:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 13:55	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 13:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 13:55	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 13:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 13:55	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 13:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 13:55	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 13:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 13:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 13:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 13:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 13:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 13:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 13:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 13:55	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 13:55	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-8		Lab ID: 2620991011		Collected: 07/18/19 09:51		Received: 07/18/19 13:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Water, Extend		Analytical Method: EPA 8260B							
2-Hexanone	ND	ug/L	50.0	1		07/23/19 13:55	591-78-6		
Iodomethane	ND	ug/L	100	1		07/23/19 13:55	74-88-4		
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 13:55	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 13:55	108-10-1		
Styrene	ND	ug/L	10.0	1		07/23/19 13:55	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 13:55	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 13:55	79-34-5		
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 13:55	127-18-4		
Toluene	ND	ug/L	2.0	1		07/23/19 13:55	108-88-3		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 13:55	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 13:55	79-00-5		
Trichloroethene	ND	ug/L	2.0	1		07/23/19 13:55	79-01-6		
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 13:55	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 13:55	96-18-4		
Vinyl acetate	ND	ug/L	100	1		07/23/19 13:55	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 13:55	75-01-4		
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 13:55	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	81-119	1		07/23/19 13:55	17060-07-0		
Dibromofluoromethane (S)	96	%	82-114	1		07/23/19 13:55	1868-53-7		
4-Bromofluorobenzene (S)	101	%	82-120	1		07/23/19 13:55	460-00-4		
Toluene-d8 (S)	98	%	82-109	1		07/23/19 13:55	2037-26-5		

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-9	Lab ID: 2620991012	Collected: 07/17/19 12:35	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 11:03	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:03	7440-38-2	
Barium	0.35	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:03	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 11:03	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 11:03	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:03	7440-47-3	
Cobalt	0.17	mg/L	0.040	1	07/22/19 09:53	07/23/19 11:03	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:03	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 11:03	7439-92-1	
Nickel	0.021	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:03	7440-02-0	
Selenium	0.017	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:03	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:03	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 11:03	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:03	7440-62-2	
Zinc	0.14	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:03	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 14:21	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 14:21	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 14:21	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 14:21	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 14:21	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 14:21	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 14:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 14:21	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 14:21	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 14:21	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 14:21	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 14:21	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 14:21	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 14:21	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 14:21	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 14:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 14:21	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 14:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 14:21	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 14:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 14:21	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 14:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 14:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 14:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 14:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 14:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 14:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 14:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 14:21	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 14:21	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-9		Lab ID: 2620991012		Collected: 07/17/19 12:35		Received: 07/18/19 13:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Water, Extend		Analytical Method: EPA 8260B							
2-Hexanone	ND	ug/L	50.0	1		07/23/19 14:21	591-78-6		
Iodomethane	ND	ug/L	100	1		07/23/19 14:21	74-88-4		
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 14:21	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 14:21	108-10-1		
Styrene	ND	ug/L	10.0	1		07/23/19 14:21	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 14:21	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 14:21	79-34-5		
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 14:21	127-18-4		
Toluene	ND	ug/L	2.0	1		07/23/19 14:21	108-88-3		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 14:21	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 14:21	79-00-5		
Trichloroethene	ND	ug/L	2.0	1		07/23/19 14:21	79-01-6		
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 14:21	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 14:21	96-18-4		
Vinyl acetate	ND	ug/L	100	1		07/23/19 14:21	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 14:21	75-01-4		
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 14:21	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%	81-119	1		07/23/19 14:21	17060-07-0		
Dibromofluoromethane (S)	99	%	82-114	1		07/23/19 14:21	1868-53-7		
4-Bromofluorobenzene (S)	101	%	82-120	1		07/23/19 14:21	460-00-4		
Toluene-d8 (S)	101	%	82-109	1		07/23/19 14:21	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-10D		Lab ID: 2620991013	Collected: 07/17/19 15:43	Received: 07/18/19 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 11:08	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:08	7440-38-2	
Barium	0.036	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:08	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 11:08	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 11:08	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:08	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 11:08	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:08	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 11:08	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:08	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:08	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:08	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 11:08	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:08	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:08	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 14:47	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 14:47	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 14:47	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 14:47	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 14:47	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 14:47	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 14:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 14:47	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 14:47	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 14:47	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 14:47	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 14:47	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 14:47	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 14:47	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 14:47	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 14:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 14:47	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 14:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 14:47	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 14:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 14:47	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 14:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 14:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 14:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 14:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 14:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 14:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 14:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 14:47	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 14:47	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-10D	Lab ID: 2620991013	Collected: 07/17/19 15:43	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 14:47	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 14:47	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 14:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 14:47	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 14:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 14:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 14:47	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 14:47	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 14:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 14:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 14:47	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 14:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 14:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 14:47	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 14:47	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 14:47	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 14:47	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	81-119	1		07/23/19 14:47	17060-07-0	
Dibromofluoromethane (S)	92	%	82-114	1		07/23/19 14:47	1868-53-7	
4-Bromofluorobenzene (S)	101	%	82-120	1		07/23/19 14:47	460-00-4	
Toluene-d8 (S)	99	%	82-109	1		07/23/19 14:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-11		Lab ID: 2620991014	Collected: 07/15/19 13:07	Received: 07/18/19 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 11:14	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:14	7440-38-2	
Barium	0.25	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:14	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 11:14	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 11:14	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:14	7440-47-3	
Cobalt	0.057	mg/L	0.040	1	07/22/19 09:53	07/23/19 11:14	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:14	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 11:14	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:14	7440-02-0	
Selenium	0.023	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:14	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:14	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 11:14	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:14	7440-62-2	
Zinc	0.059	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:14	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 15:13	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 15:13	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 15:13	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 15:13	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 15:13	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 15:13	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 15:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 15:13	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 15:13	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 15:13	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 15:13	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 15:13	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 15:13	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 15:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 15:13	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 15:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 15:13	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 15:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 15:13	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 15:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 15:13	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 15:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 15:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 15:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 15:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 15:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 15:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 15:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 15:13	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 15:13	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-11	Lab ID: 2620991014	Collected: 07/15/19 13:07	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 15:13	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 15:13	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 15:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 15:13	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 15:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 15:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 15:13	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 15:13	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 15:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 15:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 15:13	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 15:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 15:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 15:13	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 15:13	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 15:13	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 15:13	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	81-119	1		07/23/19 15:13	17060-07-0	
Dibromofluoromethane (S)	96	%	82-114	1		07/23/19 15:13	1868-53-7	
4-Bromofluorobenzene (S)	106	%	82-120	1		07/23/19 15:13	460-00-4	
Toluene-d8 (S)	99	%	82-109	1		07/23/19 15:13	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-12R	Lab ID: 2620991015	Collected: 07/17/19 10:10	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP								
Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	ND	ug/L	0.20	1	07/24/19 10:20	07/24/19 17:50	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	0.049	1	07/24/19 10:20	07/24/19 17:50	106-93-4	
Surrogates								
Bromoform (S)	83	%	31-168	1	07/24/19 10:20	07/24/19 17:50	75-25-2	
8081 GCS Pesticide Waters								
Analytical Method: EPA 8081B Preparation Method: EPA 3510C								
Aldrin	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	309-00-2	
alpha-BHC	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	319-84-6	
beta-BHC	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	319-85-7	
delta-BHC	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	58-89-9	
Chlordane (Technical)	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:47	57-74-9	
4,4'-DDD	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	72-54-8	
4,4'-DDE	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	72-55-9	
4,4'-DDT	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	50-29-3	
Dieldrin	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	60-57-1	
Endosulfan I	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:47	959-98-8	
Endosulfan II	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:47	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:47	1031-07-8	
Endrin	ND	ug/L	0.20	1	07/22/19 14:00	07/22/19 20:47	72-20-8	
Endrin aldehyde	ND	ug/L	0.20	1	07/22/19 14:00	07/22/19 20:47	7421-93-4	
Heptachlor	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	76-44-8	
Heptachlor epoxide	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	1024-57-3	
Isodrin	ND	ug/L	0.50	1	07/22/19 14:00	07/22/19 20:47	465-73-6	
Methoxychlor	ND	ug/L	0.10	1	07/22/19 14:00	07/22/19 20:47	72-43-5	
Toxaphene	ND	ug/L	2.0	1	07/22/19 14:00	07/22/19 20:47	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	130	%	19-148	1	07/22/19 14:00	07/22/19 20:47	877-09-8	
Decachlorobiphenyl (S)	47	%	10-157	1	07/22/19 14:00	07/22/19 20:47	2051-24-3	
8082 PCB Water GCS								
Analytical Method: EPA 8082A Preparation Method: EPA 3510C								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:46	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:46	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:46	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:46	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:46	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:46	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	07/22/19 14:00	07/23/19 19:46	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	42	%	17-144	1	07/22/19 14:00	07/23/19 19:46	2051-24-3	
8151A CI Acid Herbicide Waters								
Analytical Method: EPA 8151A Preparation Method: EPA 8151A								
2,4-D	ND	ug/L	25.0	5	07/23/19 08:00	07/29/19 14:39	94-75-7	
Dinoseb	ND	ug/L	25.0	5	07/23/19 08:00	07/29/19 14:39	88-85-7	
2,4,5-T	ND	ug/L	25.0	5	07/23/19 08:00	07/29/19 14:39	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	50.0	5	07/23/19 08:00	07/29/19 14:39	93-72-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-12R	Lab ID: 2620991015	Collected: 07/17/19 10:10	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151A CI Acid Herbicide Waters Analytical Method: EPA 8151A Preparation Method: EPA 8151A								
Surrogates								
2,4-DCAA (S)	387	%	10-155	5	07/23/19 08:00	07/29/19 14:39	19719-28-9	1A, S3
6020B MET ICPMS Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 11:20	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:20	7440-38-2	
Barium	0.070	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:20	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 11:20	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 11:20	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:20	7440-47-3	
Cobalt	0.073	mg/L	0.040	1	07/22/19 09:53	07/23/19 11:20	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:20	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 11:20	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:20	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:20	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:20	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 11:20	7440-28-0	
Tin	ND	mg/L	1.0	1	07/22/19 09:53	07/23/19 11:20	7440-31-5	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:20	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:20	7440-66-6	
7470 Mercury Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	ND	mg/L	0.00050	1	07/23/19 10:18	07/23/19 14:33	7439-97-6	
8270D MSSV Low Level Analytical Method: EPA 8270D Preparation Method: EPA 3510C								
Benzo(a)pyrene	ND	ug/L	0.20	1	07/22/19 10:05	07/22/19 17:40	50-32-8	
Hexachlorobenzene	ND	ug/L	1.0	1	07/22/19 10:05	07/22/19 17:40	118-74-1	
Pentachlorophenol	ND	ug/L	1.0	1	07/22/19 10:05	07/22/19 17:40	87-86-5	
8270D MSSV Water, Extend Analytical Method: EPA 8270D Preparation Method: EPA 3510C								
Acenaphthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	208-96-8	
Acetophenone	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	98-86-2	
2-Acetylaminofluorene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	92-67-1	
Anthracene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:38	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	510-15-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-12R	Lab ID: 2620991015	Collected: 07/17/19 10:10	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV Water, Extend		Analytical Method: EPA 8270D Preparation Method: EPA 3510C						
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	91-58-7	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	7005-72-3	
Chrysene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	218-01-9	
Diallylate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:38	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	84-66-2	
Dimethoate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	117-84-0	
Disulfoton	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	07/22/19 10:05	07/22/19 21:38	117-81-7	
Ethyl methanesulfonate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	62-50-0	
Famphur	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	206-44-0	
Fluorene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	193-39-5	
Isophorone	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	78-59-1	
Isosafrole	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	120-58-1	
Kepone	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:38	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	91-80-5	
3-Methylcholanthrene	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	56-49-5	
Methyl methanesulfonate	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38		
1-Naphthalenamine	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	134-32-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-12R	Lab ID: 2620991015	Collected: 07/17/19 10:10	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV Water, Extend		Analytical Method: EPA 8270D Preparation Method: EPA 3510C						
2-Naphthalenamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	91-59-8	
Naphthalene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	91-20-3	
1,4-Naphthoquinone	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	99-09-2	
4-Nitroaniline	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:38	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:38	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:38	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	126-68-1	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	108-60-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	608-93-5	
Pentachloronitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	82-68-8	
Phenacetin	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	85-01-8	
Phenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	108-95-2	
p-Phenylenediamine	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	106-50-3	
Phorate	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	298-02-2	
Pronamide	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	23950-58-5	
Pyrene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	129-00-0	
Safrole	ND	ug/L	50.0	1	07/22/19 10:05	07/22/19 21:38	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	20.0	1	07/22/19 10:05	07/22/19 21:38	58-90-2	
Thionazin	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	07/22/19 10:05	07/22/19 21:38	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	56	%	13-107	1	07/22/19 10:05	07/22/19 21:38	4165-60-0	
2-Fluorobiphenyl (S)	56	%	12-129	1	07/22/19 10:05	07/22/19 21:38	321-60-8	
p-Terphenyl-d14 (S)	49	%	14-147	1	07/22/19 10:05	07/22/19 21:38	1718-51-0	
Phenol-d6 (S)	15	%	10-46	1	07/22/19 10:05	07/22/19 21:38	13127-88-3	
2-Fluorophenol (S)	24	%	10-64	1	07/22/19 10:05	07/22/19 21:38	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-148	1	07/22/19 10:05	07/22/19 21:38	118-79-6	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-12R	Lab ID: 2620991015	Collected: 07/17/19 10:10	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 15:39	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		07/23/19 15:39	75-05-8	v1
Acrolein	ND	ug/L	50.0	1		07/23/19 15:39	107-02-8	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 15:39	107-13-1	
Allyl chloride	ND	ug/L	5.0	1		07/23/19 15:39	107-05-1	
Benzene	2.8	ug/L	2.0	1		07/23/19 15:39	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 15:39	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 15:39	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 15:39	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 15:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 15:39	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 15:39	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 15:39	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 15:39	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 15:39	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 15:39	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 15:39	74-87-3	
Chloroprene	ND	ug/L	5.0	1		07/23/19 15:39	126-99-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 15:39	124-48-1	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 15:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 15:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 15:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 15:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 15:39	110-57-6	
Dichlorodifluoromethane	ND	ug/L	10.0	1		07/23/19 15:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 15:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 15:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 15:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 15:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 15:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 15:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.0	1		07/23/19 15:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 15:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.0	1		07/23/19 15:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 15:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 15:39	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 15:39	100-41-4	
Ethyl methacrylate	ND	ug/L	10.0	1		07/23/19 15:39	97-63-2	
2-Hexanone	ND	ug/L	50.0	1		07/23/19 15:39	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 15:39	74-88-4	
Isobutanol	ND	ug/L	100	1		07/23/19 15:39	78-83-1	v1
Methacrylonitrile	ND	ug/L	100	1		07/23/19 15:39	126-98-7	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 15:39	75-09-2	
Methyl methacrylate	ND	ug/L	10.0	1		07/23/19 15:39	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 15:39	108-10-1	
Propionitrile	ND	ug/L	100	1		07/23/19 15:39	107-12-0	
Styrene	ND	ug/L	10.0	1		07/23/19 15:39	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-12R	Lab ID: 2620991015	Collected: 07/17/19 10:10	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 15:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 15:39	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 15:39	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 15:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 15:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 15:39	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 15:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 15:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 15:39	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 15:39	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 15:39	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 15:39	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	81-119	1		07/23/19 15:39	17060-07-0	
Dibromofluoromethane (S)	96	%	82-114	1		07/23/19 15:39	1868-53-7	
4-Bromofluorobenzene (S)	100	%	82-120	1		07/23/19 15:39	460-00-4	
Toluene-d8 (S)	97	%	82-109	1		07/23/19 15:39	2037-26-5	
4500S2D Sulfide Water		Analytical Method: SM 4500-S2 D						
Sulfide	ND	mg/L	1.0	1		07/19/19 17:46	18496-25-8	
9014 Cyanide		Analytical Method: EPA 9014 Cyanide Preparation Method: EPA 9010C						
Cyanide	ND	mg/L	0.020	1	07/26/19 12:15	07/26/19 14:10	57-12-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-13R	Lab ID: 2620991016	Collected: 07/15/19 13:47	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 11:56	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:56	7440-38-2	
Barium	0.027	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:56	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 11:56	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 11:56	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:56	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 11:56	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:56	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 11:56	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:56	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:56	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 11:56	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 11:56	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:56	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 11:56	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 16:05	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 16:05	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 16:05	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 16:05	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 16:05	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 16:05	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 16:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 16:05	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 16:05	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 16:05	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 16:05	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 16:05	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 16:05	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 16:05	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 16:05	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 16:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 16:05	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 16:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 16:05	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 16:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 16:05	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 16:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 16:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 16:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 16:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 16:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 16:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 16:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 16:05	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 16:05	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-13R	Lab ID: 2620991016	Collected: 07/15/19 13:47	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 16:05	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 16:05	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 16:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 16:05	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 16:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 16:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 16:05	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 16:05	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 16:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 16:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 16:05	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 16:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 16:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 16:05	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 16:05	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 16:05	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 16:05	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	104	%	81-119	1		07/23/19 16:05	17060-07-0	
Dibromofluoromethane (S)	92	%	82-114	1		07/23/19 16:05	1868-53-7	
4-Bromofluorobenzene (S)	106	%	82-120	1		07/23/19 16:05	460-00-4	
Toluene-d8 (S)	101	%	82-109	1		07/23/19 16:05	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-14R	Lab ID: 2620991017	Collected: 07/17/19 10:54	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 12:02	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:02	7440-38-2	
Barium	0.045	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:02	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 12:02	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 12:02	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:02	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 12:02	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:02	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 12:02	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:02	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:02	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:02	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 12:02	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:02	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:02	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 20:00	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 20:00	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 20:00	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 20:00	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 20:00	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 20:00	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 20:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 20:00	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 20:00	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 20:00	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 20:00	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 20:00	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 20:00	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 20:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 20:00	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 20:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 20:00	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 20:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 20:00	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 20:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 20:00	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 20:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 20:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 20:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 20:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 20:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 20:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 20:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 20:00	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 20:00	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-14R	Lab ID: 2620991017	Collected: 07/17/19 10:54	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 20:00	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 20:00	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 20:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 20:00	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 20:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 20:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 20:00	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 20:00	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 20:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 20:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 20:00	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 20:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 20:00	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 20:00	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 20:00	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 20:00	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 20:00	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	81-119	1		07/23/19 20:00	17060-07-0	
Dibromofluoromethane (S)	99	%	82-114	1		07/23/19 20:00	1868-53-7	
4-Bromofluorobenzene (S)	103	%	82-120	1		07/23/19 20:00	460-00-4	
Toluene-d8 (S)	99	%	82-109	1		07/23/19 20:00	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-15		Lab ID: 2620991018	Collected: 07/15/19 14:21	Received: 07/18/19 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 12:07	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:07	7440-38-2	
Barium	0.10	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:07	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 12:07	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 12:07	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:07	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 12:07	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:07	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 12:07	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:07	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:07	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:07	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 12:07	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:07	7440-62-2	
Zinc	0.023	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:07	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 20:26	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 20:26	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 20:26	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 20:26	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 20:26	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 20:26	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 20:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 20:26	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 20:26	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 20:26	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 20:26	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 20:26	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 20:26	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 20:26	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 20:26	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 20:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 20:26	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 20:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 20:26	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 20:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 20:26	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 20:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 20:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 20:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 20:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 20:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 20:26	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 20:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 20:26	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 20:26	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-15	Lab ID: 2620991018	Collected: 07/15/19 14:21	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 20:26	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 20:26	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 20:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 20:26	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 20:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 20:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 20:26	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 20:26	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 20:26	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 20:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 20:26	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 20:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 20:26	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 20:26	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 20:26	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 20:26	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 20:26	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	111	%	81-119	1		07/23/19 20:26	17060-07-0	
Dibromofluoromethane (S)	99	%	82-114	1		07/23/19 20:26	1868-53-7	
4-Bromofluorobenzene (S)	101	%	82-120	1		07/23/19 20:26	460-00-4	
Toluene-d8 (S)	103	%	82-109	1		07/23/19 20:26	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-16	Lab ID: 2620991019	Collected: 07/17/19 15:15	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 20:52	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 20:52	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 20:52	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 20:52	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 20:52	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 20:52	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 20:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 20:52	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 20:52	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 20:52	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 20:52	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 20:52	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 20:52	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 20:52	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 20:52	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 20:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 20:52	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 20:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 20:52	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 20:52	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 20:52	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 20:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 20:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 20:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 20:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 20:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 20:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 20:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 20:52	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 20:52	100-41-4	
2-Hexanone	ND	ug/L	50.0	1		07/23/19 20:52	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 20:52	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 20:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 20:52	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 20:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 20:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 20:52	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 20:52	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 20:52	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 20:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 20:52	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 20:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 20:52	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 20:52	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 20:52	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 20:52	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 20:52	1330-20-7	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-16	Lab ID: 2620991019	Collected: 07/17/19 15:15	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	81-119	1		07/23/19 20:52	17060-07-0	
Dibromofluoromethane (S)	98	%	82-114	1		07/23/19 20:52	1868-53-7	
4-Bromofluorobenzene (S)	103	%	82-120	1		07/23/19 20:52	460-00-4	
Toluene-d8 (S)	96	%	82-109	1		07/23/19 20:52	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-16		Lab ID: 2620991020	Collected: 07/18/19 09:40	Received: 07/18/19 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 12:13	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:13	7440-38-2	
Barium	0.11	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:13	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 12:13	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 12:13	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:13	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 12:13	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:13	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 12:13	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:13	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:13	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:13	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 12:13	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:13	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:13	7440-66-6	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-17	Lab ID: 2620991021	Collected: 07/16/19 12:55	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/22/19 09:53	07/23/19 12:19	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:19	7440-38-2	
Barium	0.032	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:19	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/22/19 09:53	07/23/19 12:19	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/22/19 09:53	07/23/19 12:19	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:19	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/22/19 09:53	07/23/19 12:19	7440-48-4	
Copper	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:19	7440-50-8	
Lead	ND	mg/L	0.015	1	07/22/19 09:53	07/23/19 12:19	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:19	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:19	7782-49-2	
Silver	ND	mg/L	0.010	1	07/22/19 09:53	07/23/19 12:19	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/22/19 09:53	07/23/19 12:19	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:19	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/22/19 09:53	07/23/19 12:19	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 21:18	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 21:18	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 21:18	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 21:18	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 21:18	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 21:18	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 21:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 21:18	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 21:18	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 21:18	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 21:18	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 21:18	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 21:18	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 21:18	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 21:18	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 21:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 21:18	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 21:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 21:18	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 21:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 21:18	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 21:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 21:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 21:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 21:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 21:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 21:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 21:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 21:18	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 21:18	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-17	Lab ID: 2620991021	Collected: 07/16/19 12:55	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 21:18	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 21:18	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 21:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 21:18	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 21:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 21:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 21:18	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 21:18	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 21:18	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 21:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 21:18	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 21:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 21:18	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 21:18	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 21:18	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 21:18	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 21:18	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	111	%	81-119	1		07/23/19 21:18	17060-07-0	
Dibromofluoromethane (S)	97	%	82-114	1		07/23/19 21:18	1868-53-7	
4-Bromofluorobenzene (S)	100	%	82-120	1		07/23/19 21:18	460-00-4	
Toluene-d8 (S)	98	%	82-109	1		07/23/19 21:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-18	Lab ID: 2620991022	Collected: 07/16/19 12:19	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 15:39	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 15:39	7440-38-2	
Barium	0.026	mg/L	0.020	1	07/23/19 15:28	07/24/19 15:39	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 15:39	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 15:39	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 15:39	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 15:39	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 15:39	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 15:39	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 15:39	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 15:39	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 15:39	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 15:39	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 15:39	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 15:39	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 21:44	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 21:44	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 21:44	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 21:44	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 21:44	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 21:44	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 21:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 21:44	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 21:44	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 21:44	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 21:44	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 21:44	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 21:44	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 21:44	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 21:44	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 21:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 21:44	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 21:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 21:44	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 21:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 21:44	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 21:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 21:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 21:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 21:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 21:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 21:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 21:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 21:44	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 21:44	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)
Pace Project No.: 2620991

Sample: GWC-18	Lab ID: 2620991022	Collected: 07/16/19 12:19	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 21:44	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 21:44	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 21:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 21:44	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 21:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 21:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 21:44	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 21:44	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 21:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 21:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 21:44	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 21:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 21:44	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 21:44	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 21:44	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 21:44	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 21:44	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	81-119	1		07/23/19 21:44	17060-07-0	
Dibromofluoromethane (S)	99	%	82-114	1		07/23/19 21:44	1868-53-7	
4-Bromofluorobenzene (S)	100	%	82-120	1		07/23/19 21:44	460-00-4	
Toluene-d8 (S)	96	%	82-109	1		07/23/19 21:44	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-19	Lab ID: 2620991023	Collected: 07/16/19 09:33	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 16:02	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:02	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:02	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 16:02	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 16:02	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:02	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 16:02	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:02	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 16:02	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:02	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:02	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:02	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 16:02	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:02	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:02	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 22:11	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 22:11	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 22:11	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 22:11	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 22:11	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 22:11	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 22:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 22:11	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 22:11	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 22:11	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 22:11	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 22:11	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 22:11	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 22:11	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 22:11	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 22:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 22:11	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 22:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 22:11	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 22:11	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 22:11	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 22:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 22:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 22:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 22:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 22:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 22:11	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 22:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 22:11	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 22:11	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-19	Lab ID: 2620991023	Collected: 07/16/19 09:33	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 22:11	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 22:11	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 22:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 22:11	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 22:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 22:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 22:11	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 22:11	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 22:11	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 22:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 22:11	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 22:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 22:11	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 22:11	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 22:11	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 22:11	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 22:11	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	111	%	81-119	1		07/23/19 22:11	17060-07-0	
Dibromofluoromethane (S)	97	%	82-114	1		07/23/19 22:11	1868-53-7	
4-Bromofluorobenzene (S)	107	%	82-120	1		07/23/19 22:11	460-00-4	
Toluene-d8 (S)	100	%	82-109	1		07/23/19 22:11	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-20	Lab ID: 2620991024	Collected: 07/16/19 09:58	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 16:08	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:08	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:08	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 16:08	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 16:08	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:08	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 16:08	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:08	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 16:08	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:08	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:08	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:08	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 16:08	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:08	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:08	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 22:37	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 22:37	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 22:37	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 22:37	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 22:37	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 22:37	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 22:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 22:37	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 22:37	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 22:37	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 22:37	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 22:37	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 22:37	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 22:37	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 22:37	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 22:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 22:37	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 22:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 22:37	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 22:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 22:37	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 22:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 22:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 22:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 22:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 22:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 22:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 22:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 22:37	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 22:37	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-20	Lab ID: 2620991024	Collected: 07/16/19 09:58	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 22:37	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 22:37	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 22:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 22:37	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 22:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 22:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 22:37	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 22:37	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 22:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 22:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 22:37	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 22:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 22:37	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 22:37	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 22:37	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 22:37	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 22:37	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%	81-119	1		07/23/19 22:37	17060-07-0	
Dibromofluoromethane (S)	98	%	82-114	1		07/23/19 22:37	1868-53-7	
4-Bromofluorobenzene (S)	100	%	82-120	1		07/23/19 22:37	460-00-4	
Toluene-d8 (S)	99	%	82-109	1		07/23/19 22:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-21	Lab ID: 2620991025	Collected: 07/17/19 13:10	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 16:13	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:13	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:13	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 16:13	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 16:13	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:13	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 16:13	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:13	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 16:13	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:13	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:13	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:13	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 16:13	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:13	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:13	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 23:03	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 23:03	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 23:03	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 23:03	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 23:03	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 23:03	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 23:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 23:03	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 23:03	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 23:03	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 23:03	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 23:03	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 23:03	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 23:03	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 23:03	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 23:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 23:03	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 23:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 23:03	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 23:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 23:03	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 23:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 23:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 23:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 23:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 23:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 23:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 23:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 23:03	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 23:03	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-21	Lab ID: 2620991025	Collected: 07/17/19 13:10	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 23:03	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 23:03	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 23:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 23:03	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 23:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 23:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 23:03	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 23:03	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 23:03	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 23:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 23:03	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 23:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 23:03	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 23:03	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 23:03	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 23:03	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 23:03	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	81-119	1		07/23/19 23:03	17060-07-0	
Dibromofluoromethane (S)	103	%	82-114	1		07/23/19 23:03	1868-53-7	
4-Bromofluorobenzene (S)	103	%	82-120	1		07/23/19 23:03	460-00-4	
Toluene-d8 (S)	98	%	82-109	1		07/23/19 23:03	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-24	Lab ID: 2620991026	Collected: 07/16/19 10:24	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 16:19	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:19	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:19	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 16:19	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 16:19	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:19	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 16:19	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:19	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 16:19	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:19	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:19	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:19	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 16:19	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:19	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:19	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/23/19 23:29	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/23/19 23:29	107-13-1	
Benzene	ND	ug/L	2.0	1		07/23/19 23:29	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/23/19 23:29	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/23/19 23:29	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/23/19 23:29	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/23/19 23:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/23/19 23:29	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/23/19 23:29	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/23/19 23:29	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/23/19 23:29	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/23/19 23:29	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/23/19 23:29	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/23/19 23:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/23/19 23:29	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/23/19 23:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/23/19 23:29	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/23/19 23:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 23:29	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/23/19 23:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/23/19 23:29	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/23/19 23:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/23/19 23:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/23/19 23:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 23:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/23/19 23:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/23/19 23:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 23:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/23/19 23:29	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/23/19 23:29	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)
Pace Project No.: 2620991

Sample: GWC-24	Lab ID: 2620991026	Collected: 07/16/19 10:24	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 23:29	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 23:29	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 23:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 23:29	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 23:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 23:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 23:29	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 23:29	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 23:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 23:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 23:29	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 23:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 23:29	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 23:29	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 23:29	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 23:29	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 23:29	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%	81-119	1		07/23/19 23:29	17060-07-0	
Dibromofluoromethane (S)	97	%	82-114	1		07/23/19 23:29	1868-53-7	
4-Bromofluorobenzene (S)	103	%	82-120	1		07/23/19 23:29	460-00-4	
Toluene-d8 (S)	101	%	82-109	1		07/23/19 23:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-25 **Lab ID: 2620991027** Collected: 07/16/19 10:50 Received: 07/18/19 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6020B MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A

Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 16:37	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:37	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:37	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 16:37	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 16:37	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:37	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 16:37	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:37	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 16:37	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:37	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:37	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:37	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 16:37	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:37	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:37	7440-66-6	

8260B MSV Water, Extend

Analytical Method: EPA 8260B

Acetone	ND	ug/L	100	1	07/23/19 23:55	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1	07/23/19 23:55	107-13-1	
Benzene	ND	ug/L	2.0	1	07/23/19 23:55	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1	07/23/19 23:55	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1	07/23/19 23:55	75-27-4	
Bromoform	ND	ug/L	10.0	1	07/23/19 23:55	75-25-2	
Bromomethane	ND	ug/L	10.0	1	07/23/19 23:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1	07/23/19 23:55	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1	07/23/19 23:55	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1	07/23/19 23:55	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1	07/23/19 23:55	108-90-7	
Chloroethane	ND	ug/L	2.0	1	07/23/19 23:55	75-00-3	
Chloroform	ND	ug/L	2.0	1	07/23/19 23:55	67-66-3	
Chloromethane	ND	ug/L	10.0	1	07/23/19 23:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1	07/23/19 23:55	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1	07/23/19 23:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1	07/23/19 23:55	106-93-4	
Dibromomethane	ND	ug/L	10.0	1	07/23/19 23:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	07/23/19 23:55	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	07/23/19 23:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1	07/23/19 23:55	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1	07/23/19 23:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1	07/23/19 23:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1	07/23/19 23:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1	07/23/19 23:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1	07/23/19 23:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1	07/23/19 23:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1	07/23/19 23:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1	07/23/19 23:55	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1	07/23/19 23:55	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-25	Lab ID: 2620991027	Collected: 07/16/19 10:50	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/23/19 23:55	591-78-6	
Iodomethane	ND	ug/L	100	1		07/23/19 23:55	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/23/19 23:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/23/19 23:55	108-10-1	
Styrene	ND	ug/L	10.0	1		07/23/19 23:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 23:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/23/19 23:55	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/23/19 23:55	127-18-4	
Toluene	ND	ug/L	2.0	1		07/23/19 23:55	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/23/19 23:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/23/19 23:55	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/23/19 23:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/23/19 23:55	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/23/19 23:55	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/23/19 23:55	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/23/19 23:55	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/23/19 23:55	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	81-119	1		07/23/19 23:55	17060-07-0	
Dibromofluoromethane (S)	94	%	82-114	1		07/23/19 23:55	1868-53-7	
4-Bromofluorobenzene (S)	103	%	82-120	1		07/23/19 23:55	460-00-4	
Toluene-d8 (S)	100	%	82-109	1		07/23/19 23:55	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-26	Lab ID: 2620991028	Collected: 07/16/19 11:30	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 16:43	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:43	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:43	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 16:43	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 16:43	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:43	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 16:43	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:43	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 16:43	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:43	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:43	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:43	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 16:43	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:43	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:43	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/24/19 13:25	67-64-1	R1
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 13:25	107-13-1	R1
Benzene	ND	ug/L	2.0	1		07/24/19 13:25	71-43-2	R1
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 13:25	74-97-5	M1, R1
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 13:25	75-27-4	R1
Bromoform	ND	ug/L	10.0	1		07/24/19 13:25	75-25-2	R1
Bromomethane	ND	ug/L	10.0	1		07/24/19 13:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 13:25	78-93-3	R1
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 13:25	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 13:25	56-23-5	M1, R1
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 13:25	108-90-7	R1
Chloroethane	ND	ug/L	2.0	1		07/24/19 13:25	75-00-3	R1
Chloroform	ND	ug/L	2.0	1		07/24/19 13:25	67-66-3	R1
Chloromethane	ND	ug/L	10.0	1		07/24/19 13:25	74-87-3	R1
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 13:25	96-12-8	M1, R1
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 13:25	124-48-1	R1
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 13:25	106-93-4	M1, R1
Dibromomethane	ND	ug/L	10.0	1		07/24/19 13:25	74-95-3	M1, R1
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 13:25	95-50-1	M1, R1
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 13:25	106-46-7	R1
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 13:25	110-57-6	M1, R1
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 13:25	75-34-3	R1
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 13:25	107-06-2	R1
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 13:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 13:25	156-59-2	R1
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 13:25	156-60-5	R1
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 13:25	78-87-5	R1
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 13:25	10061-01-5	R1
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 13:25	10061-02-6	R1
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 13:25	100-41-4	R1

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-26	Lab ID: 2620991028	Collected: 07/16/19 11:30	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/24/19 13:25	591-78-6	R1
Iodomethane	ND	ug/L	100	1		07/24/19 13:25	74-88-4	R1
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 13:25	75-09-2	R1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 13:25	108-10-1	R1
Styrene	ND	ug/L	10.0	1		07/24/19 13:25	100-42-5	M1, R1
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 13:25	630-20-6	M1, R1
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 13:25	79-34-5	R1
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 13:25	127-18-4	R1
Toluene	ND	ug/L	2.0	1		07/24/19 13:25	108-88-3	R1
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 13:25	71-55-6	R1
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 13:25	79-00-5	R1
Trichloroethene	ND	ug/L	2.0	1		07/24/19 13:25	79-01-6	R1
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 13:25	75-69-4	M1, R1, v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 13:25	96-18-4	M1, R1
Vinyl acetate	ND	ug/L	100	1		07/24/19 13:25	108-05-4	M1, R1
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 13:25	75-01-4	R1
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 13:25	1330-20-7	RS
Surrogates								
1,2-Dichloroethane-d4 (S)	104	%	81-119	1		07/24/19 13:25	17060-07-0	
Dibromofluoromethane (S)	99	%	82-114	1		07/24/19 13:25	1868-53-7	
4-Bromofluorobenzene (S)	104	%	82-120	1		07/24/19 13:25	460-00-4	
Toluene-d8 (S)	96	%	82-109	1		07/24/19 13:25	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-27	Lab ID: 2620991029	Collected: 07/16/19 10:40	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 16:49	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:49	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:49	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 16:49	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 16:49	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:49	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 16:49	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:49	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 16:49	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:49	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:49	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:49	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 16:49	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:49	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:49	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/24/19 13:51	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 13:51	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 13:51	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 13:51	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 13:51	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 13:51	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 13:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 13:51	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 13:51	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 13:51	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 13:51	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 13:51	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 13:51	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 13:51	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 13:51	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 13:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 13:51	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 13:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 13:51	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 13:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 13:51	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 13:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 13:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 13:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 13:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 13:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 13:51	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 13:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 13:51	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 13:51	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-27	Lab ID: 2620991029	Collected: 07/16/19 10:40	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/24/19 13:51	591-78-6	
Iodomethane	ND	ug/L	100	1		07/24/19 13:51	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 13:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 13:51	108-10-1	
Styrene	ND	ug/L	10.0	1		07/24/19 13:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 13:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 13:51	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 13:51	127-18-4	
Toluene	ND	ug/L	2.0	1		07/24/19 13:51	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 13:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 13:51	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/24/19 13:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 13:51	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 13:51	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/24/19 13:51	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 13:51	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 13:51	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	81-119	1		07/24/19 13:51	17060-07-0	
Dibromofluoromethane (S)	92	%	82-114	1		07/24/19 13:51	1868-53-7	
4-Bromofluorobenzene (S)	100	%	82-120	1		07/24/19 13:51	460-00-4	
Toluene-d8 (S)	98	%	82-109	1		07/24/19 13:51	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-28	Lab ID: 2620991030	Collected: 07/16/19 11:12	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 16:55	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:55	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:55	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 16:55	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 16:55	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:55	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 16:55	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:55	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 16:55	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:55	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:55	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 16:55	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 16:55	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:55	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 16:55	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/24/19 14:17	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 14:17	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 14:17	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 14:17	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 14:17	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 14:17	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 14:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 14:17	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 14:17	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 14:17	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 14:17	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 14:17	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 14:17	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 14:17	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 14:17	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 14:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 14:17	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 14:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 14:17	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 14:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 14:17	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 14:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 14:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 14:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 14:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 14:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 14:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 14:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 14:17	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 14:17	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-28	Lab ID: 2620991030	Collected: 07/16/19 11:12	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/24/19 14:17	591-78-6	
Iodomethane	ND	ug/L	100	1		07/24/19 14:17	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 14:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 14:17	108-10-1	
Styrene	ND	ug/L	10.0	1		07/24/19 14:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 14:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 14:17	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 14:17	127-18-4	
Toluene	ND	ug/L	2.0	1		07/24/19 14:17	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 14:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 14:17	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/24/19 14:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 14:17	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 14:17	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/24/19 14:17	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 14:17	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 14:17	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	81-119	1		07/24/19 14:17	17060-07-0	
Dibromofluoromethane (S)	98	%	82-114	1		07/24/19 14:17	1868-53-7	
4-Bromofluorobenzene (S)	105	%	82-120	1		07/24/19 14:17	460-00-4	
Toluene-d8 (S)	97	%	82-109	1		07/24/19 14:17	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-29	Lab ID: 2620991031	Collected: 07/16/19 11:46	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 17:00	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:00	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:00	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 17:00	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 17:00	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:00	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 17:00	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:00	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 17:00	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:00	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:00	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:00	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 17:00	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:00	7440-62-2	
Zinc	0.023	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:00	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/24/19 14:43	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 14:43	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 14:43	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 14:43	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 14:43	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 14:43	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 14:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 14:43	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 14:43	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 14:43	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 14:43	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 14:43	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 14:43	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 14:43	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 14:43	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 14:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 14:43	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 14:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 14:43	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 14:43	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 14:43	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 14:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 14:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 14:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 14:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 14:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 14:43	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 14:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 14:43	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 14:43	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: GWC-29	Lab ID: 2620991031	Collected: 07/16/19 11:46	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/24/19 14:43	591-78-6	
Iodomethane	ND	ug/L	100	1		07/24/19 14:43	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 14:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 14:43	108-10-1	
Styrene	ND	ug/L	10.0	1		07/24/19 14:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 14:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 14:43	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 14:43	127-18-4	
Toluene	ND	ug/L	2.0	1		07/24/19 14:43	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 14:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 14:43	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/24/19 14:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 14:43	75-69-4	v1
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 14:43	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/24/19 14:43	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 14:43	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 14:43	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	81-119	1		07/24/19 14:43	17060-07-0	
Dibromofluoromethane (S)	98	%	82-114	1		07/24/19 14:43	1868-53-7	
4-Bromofluorobenzene (S)	103	%	82-120	1		07/24/19 14:43	460-00-4	
Toluene-d8 (S)	99	%	82-109	1		07/24/19 14:43	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-1	Lab ID: 2620991032	Collected: 07/16/19 13:59	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 17:06	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:06	7440-38-2	
Barium	0.045	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:06	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 17:06	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 17:06	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:06	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 17:06	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:06	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 17:06	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:06	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:06	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:06	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 17:06	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:06	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:06	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/24/19 19:30	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 19:30	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 19:30	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 19:30	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 19:30	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 19:30	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 19:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 19:30	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 19:30	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 19:30	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 19:30	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 19:30	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 19:30	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 19:30	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 19:30	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 19:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 19:30	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 19:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 19:30	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 19:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 19:30	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 19:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 19:30	107-06-2	v1
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 19:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 19:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 19:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 19:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 19:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 19:30	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 19:30	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-1		Lab ID: 2620991032		Collected: 07/16/19 13:59		Received: 07/18/19 13:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Water, Extend		Analytical Method: EPA 8260B							
2-Hexanone	ND	ug/L	50.0	1		07/24/19 19:30	591-78-6		
Iodomethane	ND	ug/L	100	1		07/24/19 19:30	74-88-4		
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 19:30	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 19:30	108-10-1		
Styrene	ND	ug/L	10.0	1		07/24/19 19:30	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 19:30	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 19:30	79-34-5		
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 19:30	127-18-4		
Toluene	ND	ug/L	2.0	1		07/24/19 19:30	108-88-3		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 19:30	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 19:30	79-00-5		
Trichloroethene	ND	ug/L	2.0	1		07/24/19 19:30	79-01-6		
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 19:30	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 19:30	96-18-4		
Vinyl acetate	ND	ug/L	100	1		07/24/19 19:30	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 19:30	75-01-4		
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 19:30	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	81-119	1		07/24/19 19:30	17060-07-0		
Dibromofluoromethane (S)	93	%	82-114	1		07/24/19 19:30	1868-53-7		
4-Bromofluorobenzene (S)	102	%	82-120	1		07/24/19 19:30	460-00-4		
Toluene-d8 (S)	97	%	82-109	1		07/24/19 19:30	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-2	Lab ID: 2620991033	Collected: 07/16/19 14:07	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 17:12	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:12	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:12	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 17:12	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 17:12	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:12	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 17:12	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:12	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 17:12	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:12	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:12	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:12	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 17:12	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:12	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:12	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/24/19 19:56	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 19:56	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 19:56	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 19:56	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 19:56	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 19:56	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 19:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 19:56	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 19:56	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 19:56	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 19:56	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 19:56	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 19:56	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 19:56	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 19:56	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 19:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 19:56	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 19:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 19:56	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 19:56	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 19:56	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 19:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 19:56	107-06-2	v1
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 19:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 19:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 19:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 19:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 19:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 19:56	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 19:56	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-2		Lab ID: 2620991033	Collected: 07/16/19 14:07	Received: 07/18/19 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/24/19 19:56	591-78-6	
Iodomethane	ND	ug/L	100	1		07/24/19 19:56	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 19:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 19:56	108-10-1	
Styrene	ND	ug/L	10.0	1		07/24/19 19:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 19:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 19:56	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 19:56	127-18-4	
Toluene	ND	ug/L	2.0	1		07/24/19 19:56	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 19:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 19:56	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/24/19 19:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 19:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 19:56	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/24/19 19:56	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 19:56	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 19:56	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%	81-119	1		07/24/19 19:56	17060-07-0	
Dibromofluoromethane (S)	98	%	82-114	1		07/24/19 19:56	1868-53-7	
4-Bromofluorobenzene (S)	103	%	82-120	1		07/24/19 19:56	460-00-4	
Toluene-d8 (S)	99	%	82-109	1		07/24/19 19:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-5	Lab ID: 2620991034	Collected: 07/17/19 16:10	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 17:17	7440-36-0	
Arsenic	0.030	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:17	7440-38-2	
Barium	0.041	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:17	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 17:17	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 17:17	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:17	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 17:17	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:17	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 17:17	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:17	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:17	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:17	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 17:17	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:17	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:17	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/24/19 20:22	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 20:22	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 20:22	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 20:22	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 20:22	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 20:22	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 20:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 20:22	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 20:22	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 20:22	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 20:22	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 20:22	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 20:22	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 20:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 20:22	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 20:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 20:22	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 20:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 20:22	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 20:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 20:22	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 20:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 20:22	107-06-2	v1
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 20:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 20:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 20:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 20:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 20:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 20:22	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 20:22	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-5	Lab ID: 2620991034	Collected: 07/17/19 16:10	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/24/19 20:22	591-78-6	
Iodomethane	ND	ug/L	100	1		07/24/19 20:22	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 20:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 20:22	108-10-1	
Styrene	ND	ug/L	10.0	1		07/24/19 20:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 20:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 20:22	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 20:22	127-18-4	
Toluene	ND	ug/L	2.0	1		07/24/19 20:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 20:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 20:22	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/24/19 20:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 20:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 20:22	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/24/19 20:22	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 20:22	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 20:22	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	81-119	1		07/24/19 20:22	17060-07-0	
Dibromofluoromethane (S)	101	%	82-114	1		07/24/19 20:22	1868-53-7	
4-Bromofluorobenzene (S)	106	%	82-120	1		07/24/19 20:22	460-00-4	
Toluene-d8 (S)	99	%	82-109	1		07/24/19 20:22	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-6	Lab ID: 2620991035	Collected: 07/18/19 10:12	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 17:23	7440-36-0	
Arsenic	0.041	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:23	7440-38-2	
Barium	0.043	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:23	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 17:23	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 17:23	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:23	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 17:23	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:23	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 17:23	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:23	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:23	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:23	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 17:23	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:23	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:23	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/24/19 20:48	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 20:48	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 20:48	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 20:48	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 20:48	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 20:48	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 20:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 20:48	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 20:48	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 20:48	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 20:48	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 20:48	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 20:48	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 20:48	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 20:48	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 20:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 20:48	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 20:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 20:48	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 20:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 20:48	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 20:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 20:48	107-06-2	v1
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 20:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 20:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 20:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 20:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 20:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 20:48	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 20:48	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-6	Lab ID: 2620991035	Collected: 07/18/19 10:12	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/24/19 20:48	591-78-6	
Iodomethane	ND	ug/L	100	1		07/24/19 20:48	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 20:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 20:48	108-10-1	
Styrene	ND	ug/L	10.0	1		07/24/19 20:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 20:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 20:48	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 20:48	127-18-4	
Toluene	ND	ug/L	2.0	1		07/24/19 20:48	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 20:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 20:48	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/24/19 20:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 20:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 20:48	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/24/19 20:48	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 20:48	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 20:48	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%	81-119	1		07/24/19 20:48	17060-07-0	
Dibromofluoromethane (S)	98	%	82-114	1		07/24/19 20:48	1868-53-7	
4-Bromofluorobenzene (S)	103	%	82-120	1		07/24/19 20:48	460-00-4	
Toluene-d8 (S)	96	%	82-109	1		07/24/19 20:48	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-7	Lab ID: 2620991036	Collected: 07/16/19 13:49	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 17:29	7440-36-0	
Arsenic	0.020	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:29	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:29	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 17:29	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 17:29	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:29	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 17:29	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:29	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 17:29	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:29	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:29	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:29	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 17:29	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:29	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:29	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/24/19 21:14	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 21:14	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 21:14	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 21:14	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 21:14	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 21:14	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 21:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 21:14	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 21:14	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 21:14	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 21:14	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 21:14	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 21:14	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 21:14	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 21:14	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 21:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 21:14	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 21:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 21:14	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 21:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 21:14	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 21:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 21:14	107-06-2	v1
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 21:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 21:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 21:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 21:14	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 21:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 21:14	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 21:14	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-7	Lab ID: 2620991036	Collected: 07/16/19 13:49	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/24/19 21:14	591-78-6	
Iodomethane	ND	ug/L	100	1		07/24/19 21:14	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 21:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 21:14	108-10-1	
Styrene	ND	ug/L	10.0	1		07/24/19 21:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 21:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 21:14	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 21:14	127-18-4	
Toluene	ND	ug/L	2.0	1		07/24/19 21:14	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 21:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 21:14	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/24/19 21:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 21:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 21:14	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/24/19 21:14	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 21:14	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 21:14	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	112	%	81-119	1		07/24/19 21:14	17060-07-0	
Dibromofluoromethane (S)	102	%	82-114	1		07/24/19 21:14	1868-53-7	
4-Bromofluorobenzene (S)	102	%	82-120	1		07/24/19 21:14	460-00-4	
Toluene-d8 (S)	98	%	82-109	1		07/24/19 21:14	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-10 **Lab ID: 2620991037** Collected: 07/16/19 13:01 Received: 07/18/19 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6020B MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A

Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 17:46	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:46	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:46	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 17:46	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 17:46	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:46	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 17:46	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:46	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 17:46	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:46	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:46	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:46	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 17:46	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:46	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:46	7440-66-6	

8260B MSV Water, Extend

Analytical Method: EPA 8260B

Acetone	ND	ug/L	100	1		07/24/19 21:40	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 21:40	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 21:40	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 21:40	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 21:40	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 21:40	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 21:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 21:40	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 21:40	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 21:40	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 21:40	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 21:40	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 21:40	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 21:40	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 21:40	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 21:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 21:40	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 21:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 21:40	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 21:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 21:40	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 21:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 21:40	107-06-2	v1
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 21:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 21:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 21:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 21:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 21:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 21:40	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 21:40	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-10	Lab ID: 2620991037	Collected: 07/16/19 13:01	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
2-Hexanone	ND	ug/L	50.0	1		07/24/19 21:40	591-78-6	
Iodomethane	ND	ug/L	100	1		07/24/19 21:40	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 21:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 21:40	108-10-1	
Styrene	ND	ug/L	10.0	1		07/24/19 21:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 21:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 21:40	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 21:40	127-18-4	
Toluene	ND	ug/L	2.0	1		07/24/19 21:40	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 21:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 21:40	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/24/19 21:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 21:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 21:40	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/24/19 21:40	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 21:40	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 21:40	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	105	%	81-119	1		07/24/19 21:40	17060-07-0	
Dibromofluoromethane (S)	96	%	82-114	1		07/24/19 21:40	1868-53-7	
4-Bromofluorobenzene (S)	101	%	82-120	1		07/24/19 21:40	460-00-4	
Toluene-d8 (S)	99	%	82-109	1		07/24/19 21:40	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-12 **Lab ID: 2620991038** Collected: 07/16/19 14:16 Received: 07/18/19 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6020B MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A

Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 17:52	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:52	7440-38-2	
Barium	0.032	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:52	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 17:52	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 17:52	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:52	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 17:52	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:52	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 17:52	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:52	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:52	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:52	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 17:52	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:52	7440-62-2	
Zinc	0.022	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:52	7440-66-6	

8260B MSV Water, Extend

Analytical Method: EPA 8260B

Acetone	ND	ug/L	100	1		07/24/19 22:06	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 22:06	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 22:06	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 22:06	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 22:06	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 22:06	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 22:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 22:06	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 22:06	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 22:06	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 22:06	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 22:06	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 22:06	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 22:06	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 22:06	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 22:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 22:06	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 22:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 22:06	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 22:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 22:06	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 22:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 22:06	107-06-2	v1
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 22:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 22:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 22:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 22:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 22:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 22:06	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 22:06	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-12		Lab ID: 2620991038		Collected: 07/16/19 14:16		Received: 07/18/19 13:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Water, Extend		Analytical Method: EPA 8260B							
2-Hexanone	ND	ug/L	50.0	1		07/24/19 22:06	591-78-6		
Iodomethane	ND	ug/L	100	1		07/24/19 22:06	74-88-4		
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 22:06	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 22:06	108-10-1		
Styrene	ND	ug/L	10.0	1		07/24/19 22:06	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 22:06	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 22:06	79-34-5		
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 22:06	127-18-4		
Toluene	ND	ug/L	2.0	1		07/24/19 22:06	108-88-3		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 22:06	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 22:06	79-00-5		
Trichloroethene	ND	ug/L	2.0	1		07/24/19 22:06	79-01-6		
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 22:06	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 22:06	96-18-4		
Vinyl acetate	ND	ug/L	100	1		07/24/19 22:06	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 22:06	75-01-4		
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 22:06	1330-20-7		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	81-119	1		07/24/19 22:06	17060-07-0		
Dibromofluoromethane (S)	97	%	82-114	1		07/24/19 22:06	1868-53-7		
4-Bromofluorobenzene (S)	103	%	82-120	1		07/24/19 22:06	460-00-4		
Toluene-d8 (S)	99	%	82-109	1		07/24/19 22:06	2037-26-5		

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: Field Blank	Lab ID: 2620991039	Collected: 07/18/19 11:35	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A						
Antimony	ND	mg/L	0.0060	1	07/23/19 15:28	07/24/19 17:57	7440-36-0	
Arsenic	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:57	7440-38-2	
Barium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:57	7440-39-3	
Beryllium	ND	mg/L	0.0030	1	07/23/19 15:28	07/24/19 17:57	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 17:57	7440-43-9	
Chromium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:57	7440-47-3	
Cobalt	ND	mg/L	0.040	1	07/23/19 15:28	07/24/19 17:57	7440-48-4	
Copper	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:57	7440-50-8	
Lead	ND	mg/L	0.015	1	07/23/19 15:28	07/24/19 17:57	7439-92-1	
Nickel	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:57	7440-02-0	
Selenium	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:57	7782-49-2	
Silver	ND	mg/L	0.010	1	07/23/19 15:28	07/24/19 17:57	7440-22-4	
Thallium	ND	mg/L	0.0020	1	07/23/19 15:28	07/24/19 17:57	7440-28-0	
Vanadium	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:57	7440-62-2	
Zinc	ND	mg/L	0.020	1	07/23/19 15:28	07/24/19 17:57	7440-66-6	
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/24/19 22:32	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 22:32	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 22:32	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 22:32	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 22:32	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 22:32	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 22:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 22:32	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 22:32	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 22:32	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 22:32	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 22:32	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 22:32	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 22:32	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 22:32	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 22:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 22:32	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 22:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 22:32	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 22:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 22:32	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 22:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 22:32	107-06-2	v1
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 22:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 22:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 22:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 22:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 22:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 22:32	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 22:32	100-41-4	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: Field Blank	Lab ID: 2620991039	Collected: 07/18/19 11:35	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend	Analytical Method: EPA 8260B							
2-Hexanone	ND	ug/L	50.0	1		07/24/19 22:32	591-78-6	
Iodomethane	ND	ug/L	100	1		07/24/19 22:32	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 22:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 22:32	108-10-1	
Styrene	ND	ug/L	10.0	1		07/24/19 22:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 22:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 22:32	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 22:32	127-18-4	
Toluene	ND	ug/L	2.0	1		07/24/19 22:32	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 22:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 22:32	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/24/19 22:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 22:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 22:32	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/24/19 22:32	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 22:32	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 22:32	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	81-119	1		07/24/19 22:32	17060-07-0	
Dibromofluoromethane (S)	99	%	82-114	1		07/24/19 22:32	1868-53-7	
4-Bromofluorobenzene (S)	97	%	82-120	1		07/24/19 22:32	460-00-4	
Toluene-d8 (S)	96	%	82-109	1		07/24/19 22:32	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: Trip Blank	Lab ID: 2620991040	Collected: 07/15/19 08:00	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	100	1		07/24/19 22:58	67-64-1	
Acrylonitrile	ND	ug/L	50.0	1		07/24/19 22:58	107-13-1	
Benzene	ND	ug/L	2.0	1		07/24/19 22:58	71-43-2	
Bromochloromethane	ND	ug/L	10.0	1		07/24/19 22:58	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1		07/24/19 22:58	75-27-4	
Bromoform	ND	ug/L	10.0	1		07/24/19 22:58	75-25-2	
Bromomethane	ND	ug/L	10.0	1		07/24/19 22:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		07/24/19 22:58	78-93-3	
Carbon disulfide	ND	ug/L	5.0	1		07/24/19 22:58	75-15-0	
Carbon tetrachloride	ND	ug/L	2.0	1		07/24/19 22:58	56-23-5	
Chlorobenzene	ND	ug/L	10.0	1		07/24/19 22:58	108-90-7	
Chloroethane	ND	ug/L	2.0	1		07/24/19 22:58	75-00-3	
Chloroform	ND	ug/L	2.0	1		07/24/19 22:58	67-66-3	
Chloromethane	ND	ug/L	10.0	1		07/24/19 22:58	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	1		07/24/19 22:58	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	1		07/24/19 22:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		07/24/19 22:58	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		07/24/19 22:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 22:58	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1		07/24/19 22:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		07/24/19 22:58	110-57-6	
1,1-Dichloroethane	ND	ug/L	2.0	1		07/24/19 22:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1		07/24/19 22:58	107-06-2	v1
1,1-Dichloroethene	ND	ug/L	2.0	1		07/24/19 22:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 22:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		07/24/19 22:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1		07/24/19 22:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 22:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		07/24/19 22:58	10061-02-6	
Ethylbenzene	ND	ug/L	2.0	1		07/24/19 22:58	100-41-4	
2-Hexanone	ND	ug/L	50.0	1		07/24/19 22:58	591-78-6	
Iodomethane	ND	ug/L	100	1		07/24/19 22:58	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		07/24/19 22:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	1		07/24/19 22:58	108-10-1	
Styrene	ND	ug/L	10.0	1		07/24/19 22:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 22:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		07/24/19 22:58	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1		07/24/19 22:58	127-18-4	
Toluene	ND	ug/L	2.0	1		07/24/19 22:58	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	2.0	1		07/24/19 22:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1		07/24/19 22:58	79-00-5	
Trichloroethene	ND	ug/L	2.0	1		07/24/19 22:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		07/24/19 22:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	1		07/24/19 22:58	96-18-4	
Vinyl acetate	ND	ug/L	100	1		07/24/19 22:58	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/24/19 22:58	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		07/24/19 22:58	1330-20-7	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: Trip Blank		Lab ID: 2620991040	Collected: 07/15/19 08:00	Received: 07/18/19 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Water, Extend		Analytical Method: EPA 8260B						
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%.	81-119	1		07/24/19 22:58	17060-07-0	
Dibromofluoromethane (S)	96	%.	82-114	1		07/24/19 22:58	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	82-120	1		07/24/19 22:58	460-00-4	
Toluene-d8 (S)	99	%.	82-109	1		07/24/19 22:58	2037-26-5	

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)
Pace Project No.: 2620991

Sample: SWA-1	Lab ID: 2620991041	Collected: 07/18/19 10:44	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS								
Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
Selenium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 18:03	7782-49-2	
6020B MET ICPMS, Dissolved								
Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
Arsenic, Dissolved	ND	mg/L	0.0050	1	07/24/19 14:30	07/25/19 13:07	7440-38-2	
Barium, Dissolved	0.0077	mg/L	0.0050	1	07/24/19 14:30	07/25/19 13:07	7440-39-3	
Cadmium, Dissolved	ND	mg/L	0.00050	1	07/24/19 14:30	07/25/19 13:07	7440-43-9	
Chromium, Dissolved	ND	mg/L	0.0050	1	07/24/19 14:30	07/25/19 13:07	7440-47-3	
Lead, Dissolved	ND	mg/L	0.0010	1	07/24/19 14:30	07/25/19 13:07	7439-92-1	
Nickel, Dissolved	ND	mg/L	0.0050	1	07/24/19 14:30	07/25/19 13:07	7440-02-0	
Silver, Dissolved	ND	mg/L	0.0050	1	07/24/19 14:30	07/25/19 13:07	7440-22-4	
Zinc, Dissolved	ND	mg/L	0.010	1	07/24/19 14:30	07/25/19 13:07	7440-66-6	
7470 Mercury								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	ND	mg/L	0.00050	1	07/23/19 10:18	07/23/19 14:36	7439-97-6	
410.4 COD								
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4								
Chemical Oxygen Demand	ND	mg/L	10.0	1	07/22/19 12:40	07/22/19 15:04		
9014 Cyanide								
Analytical Method: EPA 9014 Cyanide Preparation Method: EPA 9010C								
Cyanide	ND	mg/L	0.020	1	07/26/19 12:15	07/26/19 14:11	57-12-5	
9056 IC Anions								
Analytical Method: EPA 9056A								
Chloride	1.4	mg/L	1.0	1		07/26/19 04:58	16887-00-6	
Total Organic Carbon,Asheville								
Analytical Method: EPA 9060A								
Total Organic Carbon	1.0	mg/L	1.0	1		07/27/19 01:41	7440-44-0	
Total Organic Carbon	1.0	mg/L	1.0	1		07/27/19 01:41	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	1		07/27/19 01:41	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	1		07/27/19 01:41	7440-44-0	
Mean Total Organic Carbon	ND	mg/L	1.0	1		07/27/19 01:41	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Sample: SWC-9	Lab ID: 2620991042	Collected: 07/17/19 15:20	Received: 07/18/19 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS								
Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
Selenium	ND	mg/L	0.0050	1	07/23/19 15:28	07/24/19 18:09	7782-49-2	
6020B MET ICPMS, Dissolved								
Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
Arsenic, Dissolved	ND	mg/L	0.0050	1	07/24/19 14:30	07/25/19 13:30	7440-38-2	
Barium, Dissolved	0.0078	mg/L	0.0050	1	07/24/19 14:30	07/25/19 13:30	7440-39-3	
Cadmium, Dissolved	ND	mg/L	0.00050	1	07/24/19 14:30	07/25/19 13:30	7440-43-9	
Chromium, Dissolved	0.16	mg/L	0.0050	1	07/24/19 14:30	07/25/19 13:30	7440-47-3	
Lead, Dissolved	ND	mg/L	0.0010	1	07/24/19 14:30	07/25/19 13:30	7439-92-1	
Nickel, Dissolved	0.31	mg/L	0.0050	1	07/24/19 14:30	07/25/19 13:30	7440-02-0	
Silver, Dissolved	ND	mg/L	0.0050	1	07/24/19 14:30	07/25/19 13:30	7440-22-4	
Zinc, Dissolved	ND	mg/L	0.010	1	07/24/19 14:30	07/25/19 13:30	7440-66-6	
7470 Mercury								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Mercury	ND	mg/L	0.00050	1	07/23/19 10:18	07/23/19 14:38	7439-97-6	
410.4 COD								
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4								
Chemical Oxygen Demand	ND	mg/L	10.0	1	07/22/19 12:40	07/22/19 15:04		
9014 Cyanide								
Analytical Method: EPA 9014 Cyanide Preparation Method: EPA 9010C								
Cyanide	ND	mg/L	0.020	1	07/26/19 12:15	07/26/19 14:12	57-12-5	
9056 IC Anions								
Analytical Method: EPA 9056A								
Chloride	1.4	mg/L	1.0	1		07/26/19 05:21	16887-00-6	
Total Organic Carbon,Asheville								
Analytical Method: EPA 9060A								
Total Organic Carbon	1.6	mg/L	1.0	1		07/27/19 02:24	7440-44-0	
Total Organic Carbon	1.6	mg/L	1.0	1		07/27/19 02:24	7440-44-0	
Total Organic Carbon	1.6	mg/L	1.0	1		07/27/19 02:24	7440-44-0	
Total Organic Carbon	1.6	mg/L	1.0	1		07/27/19 02:24	7440-44-0	
Mean Total Organic Carbon	1.6	mg/L	1.0	1		07/27/19 02:24	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32292 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: GCS 8011 EDB DBCP
Associated Lab Samples: 2620991001, 2620991002, 2620991015

METHOD BLANK: 145299 Matrix: Water

Associated Lab Samples: 2620991001, 2620991002, 2620991015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	ND	0.21	07/24/19 15:26	
1,2-Dibromoethane (EDB)	ug/L	ND	0.051	07/24/19 15:26	
Bromoform (S)	%.	95	31-168	07/24/19 15:26	

LABORATORY CONTROL SAMPLE: 145300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.1	.091J	89	60-140	
1,2-Dibromoethane (EDB)	ug/L	0.1	0.088	87	60-140	
Bromoform (S)	%.			105	31-168	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 145301 145302

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		2620991001 Result	Spike Conc.	Spike Conc.	MS Result						
1,2-Dibromo-3-chloropropane	ug/L	ND	0.098	0.098	ND	ND	57	50	32-189		32
1,2-Dibromoethane (EDB)	ug/L	ND	0.098	0.098	0.064	0.061	65	62	48-189	5	21
Bromoform (S)	%.						82	79	31-168		

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)
Pace Project No.: 2620991

QC Batch: 32250 Analysis Method: EPA 7470A
QC Batch Method: EPA 7470A Analysis Description: 7470 Mercury
Associated Lab Samples: 2620991001, 2620991002, 2620991015, 2620991041, 2620991042

METHOD BLANK: 145122 Matrix: Water
Associated Lab Samples: 2620991001, 2620991002, 2620991015, 2620991041, 2620991042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00050	07/23/19 14:17	

LABORATORY CONTROL SAMPLE: 145123

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0024	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 145124 145125

Parameter	Units	2620991001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0024	0.0025	94	97	75-125	3	20	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32162 Analysis Method: EPA 6020B
 QC Batch Method: EPA 3005A Analysis Description: 6020B MET
 Associated Lab Samples: 2620991001, 2620991002, 2620991003, 2620991004, 2620991005, 2620991006, 2620991007, 2620991008,
 2620991009, 2620991010, 2620991011, 2620991012, 2620991013, 2620991014, 2620991015, 2620991016,
 2620991017, 2620991018, 2620991020, 2620991021

METHOD BLANK: 144936 Matrix: Water

Associated Lab Samples: 2620991001, 2620991002, 2620991003, 2620991004, 2620991005, 2620991006, 2620991007, 2620991008,
 2620991009, 2620991010, 2620991011, 2620991012, 2620991013, 2620991014, 2620991015, 2620991016,
 2620991017, 2620991018, 2620991020, 2620991021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0060	07/23/19 09:15	
Arsenic	mg/L	ND	0.010	07/23/19 09:15	
Barium	mg/L	ND	0.020	07/23/19 09:15	
Beryllium	mg/L	ND	0.0030	07/23/19 09:15	
Cadmium	mg/L	ND	0.0050	07/23/19 09:15	
Chromium	mg/L	ND	0.010	07/23/19 09:15	
Cobalt	mg/L	ND	0.040	07/23/19 09:15	
Copper	mg/L	ND	0.020	07/23/19 09:15	
Lead	mg/L	ND	0.015	07/23/19 09:15	
Nickel	mg/L	ND	0.020	07/23/19 09:15	
Selenium	mg/L	ND	0.010	07/23/19 09:15	
Silver	mg/L	ND	0.010	07/23/19 09:15	
Thallium	mg/L	ND	0.0020	07/23/19 09:15	
Tin	mg/L	ND	1.0	07/23/19 09:15	
Vanadium	mg/L	ND	0.020	07/23/19 09:15	
Zinc	mg/L	ND	0.020	07/23/19 09:15	

LABORATORY CONTROL SAMPLE: 144937

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	110	80-120	
Arsenic	mg/L	0.1	0.11	107	80-120	
Barium	mg/L	0.1	0.11	107	80-120	
Beryllium	mg/L	0.1	0.10	105	80-120	
Cadmium	mg/L	0.1	0.11	106	80-120	
Chromium	mg/L	0.1	0.10	102	80-120	
Cobalt	mg/L	0.1	0.11	105	80-120	
Copper	mg/L	0.1	0.11	107	80-120	
Lead	mg/L	0.1	0.10	100	80-120	
Nickel	mg/L	0.1	0.11	105	80-120	
Selenium	mg/L	0.1	0.11	106	80-120	
Silver	mg/L	0.1	0.10	104	80-120	
Thallium	mg/L	0.1	0.099	99	80-120	
Tin	mg/L	0.1	.1J	103	80-120	
Vanadium	mg/L	0.1	0.10	100	80-120	
Zinc	mg/L	0.1	0.11	107	80-120	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 144938												144939	
Parameter	Units	2620991001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual	
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD			
Antimony	mg/L	ND	0.1	0.1	0.12	0.11	118	115	75-125	3	20		
Arsenic	mg/L	ND	0.1	0.1	0.10	0.10	102	101	75-125	1	20		
Barium	mg/L	ND	0.1	0.1	0.11	0.11	105	101	75-125	4	20		
Beryllium	mg/L	ND	0.1	0.1	0.11	0.10	106	103	75-125	3	20		
Cadmium	mg/L	ND	0.1	0.1	0.11	0.10	106	103	75-125	2	20		
Chromium	mg/L	ND	0.1	0.1	0.10	0.099	101	99	75-125	2	20		
Cobalt	mg/L	ND	0.1	0.1	0.11	0.10	104	100	75-125	4	20		
Copper	mg/L	ND	0.1	0.1	0.11	0.10	107	103	75-125	3	20		
Lead	mg/L	ND	0.1	0.1	0.10	0.099	102	99	75-125	3	20		
Nickel	mg/L	ND	0.1	0.1	0.11	0.10	105	100	75-125	5	20		
Selenium	mg/L	ND	0.1	0.1	0.10	0.098	100	97	75-125	3	20		
Silver	mg/L	ND	0.1	0.1	0.10	0.10	105	101	75-125	3	20		
Thallium	mg/L	ND	0.1	0.1	0.10	0.098	101	98	75-125	3	20		
Tin	mg/L	ND	0.1	0.1	.1J	.098J	101	98	75-125	3	20		
Vanadium	mg/L	ND	0.1	0.1	0.10	0.099	99	98	75-125	2	20		
Zinc	mg/L	ND	0.1	0.1	0.11	0.11	102	100	75-125	2	20		

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32289 Analysis Method: EPA 6020B
 QC Batch Method: EPA 3005A Analysis Description: 6020B MET
 Associated Lab Samples: 2620991022, 2620991023, 2620991024, 2620991025, 2620991026, 2620991027, 2620991028, 2620991029,
 2620991030, 2620991031, 2620991032, 2620991033, 2620991034, 2620991035, 2620991036, 2620991037,
 2620991038, 2620991039, 2620991041, 2620991042

METHOD BLANK: 145285 Matrix: Water

Associated Lab Samples: 2620991022, 2620991023, 2620991024, 2620991025, 2620991026, 2620991027, 2620991028, 2620991029,
 2620991030, 2620991031, 2620991032, 2620991033, 2620991034, 2620991035, 2620991036, 2620991037,
 2620991038, 2620991039, 2620991041, 2620991042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0060	07/24/19 15:25	
Arsenic	mg/L	ND	0.010	07/24/19 15:25	
Barium	mg/L	ND	0.020	07/24/19 15:25	
Beryllium	mg/L	ND	0.0030	07/24/19 15:25	
Cadmium	mg/L	ND	0.0050	07/24/19 15:25	
Chromium	mg/L	ND	0.010	07/24/19 15:25	
Cobalt	mg/L	ND	0.040	07/24/19 15:25	
Copper	mg/L	ND	0.020	07/24/19 15:25	
Lead	mg/L	ND	0.015	07/24/19 15:25	
Nickel	mg/L	ND	0.020	07/24/19 15:25	
Selenium	mg/L	ND	0.010	07/24/19 15:25	
Silver	mg/L	ND	0.010	07/24/19 15:25	
Thallium	mg/L	ND	0.0020	07/24/19 15:25	
Vanadium	mg/L	ND	0.020	07/24/19 15:25	
Zinc	mg/L	ND	0.020	07/24/19 15:25	

LABORATORY CONTROL SAMPLE: 145286

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	108	80-120	
Arsenic	mg/L	0.1	0.094	94	80-120	
Barium	mg/L	0.1	0.097	97	80-120	
Beryllium	mg/L	0.1	0.098	98	80-120	
Cadmium	mg/L	0.1	0.092	92	80-120	
Chromium	mg/L	0.1	0.095	95	80-120	
Cobalt	mg/L	0.1	0.090	90	80-120	
Copper	mg/L	0.1	0.091	91	80-120	
Lead	mg/L	0.1	0.091	91	80-120	
Nickel	mg/L	0.1	0.090	90	80-120	
Selenium	mg/L	0.1	0.097	97	80-120	
Silver	mg/L	0.1	0.095	95	80-120	
Thallium	mg/L	0.1	0.091	91	80-120	
Vanadium	mg/L	0.1	0.096	96	80-120	
Zinc	mg/L	0.1	0.097	97	80-120	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 145287		145288		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		2620991022 Result	MS Spike Conc.	MSD Spike Conc.									
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	111	108	75-125	3	20		
Arsenic	mg/L	ND	0.1	0.1	0.094	0.095	94	95	75-125	1	20		
Barium	mg/L	0.026	0.1	0.1	0.12	0.12	95	93	75-125	1	20		
Beryllium	mg/L	ND	0.1	0.1	0.099	0.099	99	99	75-125	0	20		
Cadmium	mg/L	ND	0.1	0.1	0.094	0.095	94	95	75-125	2	20		
Chromium	mg/L	ND	0.1	0.1	0.099	0.099	98	99	75-125	1	20		
Cobalt	mg/L	ND	0.1	0.1	0.094	0.093	93	93	75-125	0	20		
Copper	mg/L	ND	0.1	0.1	0.094	0.094	94	93	75-125	0	20		
Lead	mg/L	ND	0.1	0.1	0.094	0.094	94	94	75-125	0	20		
Nickel	mg/L	ND	0.1	0.1	0.094	0.094	93	93	75-125	0	20		
Selenium	mg/L	ND	0.1	0.1	0.10	0.10	102	103	75-125	1	20		
Silver	mg/L	ND	0.1	0.1	0.098	0.097	98	97	75-125	1	20		
Thallium	mg/L	ND	0.1	0.1	0.095	0.094	95	94	75-125	1	20		
Vanadium	mg/L	ND	0.1	0.1	0.099	0.10	99	100	75-125	0	20		
Zinc	mg/L	ND	0.1	0.1	0.11	0.11	97	97	75-125	0	20		

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)
Pace Project No.: 2620991

QC Batch: 32377 Analysis Method: EPA 6020B
QC Batch Method: EPA 3005A Analysis Description: 6020B MET Dissolved
Associated Lab Samples: 2620991041, 2620991042

METHOD BLANK: 145603 Matrix: Water
Associated Lab Samples: 2620991041, 2620991042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	ND	0.0050	07/25/19 12:55	
Barium, Dissolved	mg/L	ND	0.0050	07/25/19 12:55	
Cadmium, Dissolved	mg/L	ND	0.00050	07/25/19 12:55	
Chromium, Dissolved	mg/L	ND	0.0050	07/25/19 12:55	
Lead, Dissolved	mg/L	ND	0.0010	07/25/19 12:55	
Nickel, Dissolved	mg/L	ND	0.0050	07/25/19 12:55	
Silver, Dissolved	mg/L	ND	0.0050	07/25/19 12:55	
Zinc, Dissolved	mg/L	ND	0.010	07/25/19 12:55	

LABORATORY CONTROL SAMPLE: 145604

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	0.1	0.094	94	80-120	
Barium, Dissolved	mg/L	0.1	0.095	95	80-120	
Cadmium, Dissolved	mg/L	0.1	0.095	95	80-120	
Chromium, Dissolved	mg/L	0.1	0.098	98	80-120	
Lead, Dissolved	mg/L	0.1	0.097	97	80-120	
Nickel, Dissolved	mg/L	0.1	0.10	100	80-120	
Silver, Dissolved	mg/L	0.1	0.097	97	80-120	
Zinc, Dissolved	mg/L	0.1	0.10	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 145605 145606

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		2620991041 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic, Dissolved	mg/L	ND	0.1	0.1	0.097	0.095	96	95	75-125	1	20
Barium, Dissolved	mg/L	0.0077	0.1	0.1	0.11	0.11	98	98	75-125	0	20
Cadmium, Dissolved	mg/L	ND	0.1	0.1	0.098	0.096	98	96	75-125	2	20
Chromium, Dissolved	mg/L	ND	0.1	0.1	0.11	0.11	104	108	75-125	3	20
Lead, Dissolved	mg/L	ND	0.1	0.1	0.099	0.098	99	98	75-125	1	20
Nickel, Dissolved	mg/L	ND	0.1	0.1	0.11	0.12	103	116	75-125	12	20
Silver, Dissolved	mg/L	ND	0.1	0.1	0.098	0.10	98	102	75-125	4	20
Zinc, Dissolved	mg/L	ND	0.1	0.1	0.11	0.11	101	99	75-125	2	20

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32168 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV Water, Extend
Associated Lab Samples: 2620991001, 2620991002, 2620991003, 2620991004, 2620991005, 2620991006

METHOD BLANK: 144953 Matrix: Water
Associated Lab Samples: 2620991001, 2620991002, 2620991003, 2620991004, 2620991005, 2620991006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	2.0	07/22/19 19:29	
1,1,1-Trichloroethane	ug/L	ND	2.0	07/22/19 19:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	2.0	07/22/19 19:29	
1,1,2-Trichloroethane	ug/L	ND	2.0	07/22/19 19:29	
1,1-Dichloroethane	ug/L	ND	2.0	07/22/19 19:29	
1,1-Dichloroethene	ug/L	ND	2.0	07/22/19 19:29	
1,1-Dichloropropene	ug/L	ND	2.0	07/22/19 19:29	
1,2,3-Trichloropropene	ug/L	ND	10.0	07/22/19 19:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	25.0	07/22/19 19:29	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	07/22/19 19:29	
1,2-Dichlorobenzene	ug/L	ND	10.0	07/22/19 19:29	
1,2-Dichloroethane	ug/L	ND	2.0	07/22/19 19:29	
1,2-Dichloropropane	ug/L	ND	2.0	07/22/19 19:29	
1,3-Dichlorobenzene	ug/L	ND	10.0	07/22/19 19:29	
1,3-Dichloropropane	ug/L	ND	2.0	07/22/19 19:29	
1,4-Dichlorobenzene	ug/L	ND	10.0	07/22/19 19:29	
2,2-Dichloropropane	ug/L	ND	2.0	07/22/19 19:29	
2-Butanone (MEK)	ug/L	ND	100	07/22/19 19:29	
2-Hexanone	ug/L	ND	50.0	07/22/19 19:29	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	50.0	07/22/19 19:29	
Acetone	ug/L	ND	100	07/22/19 19:29	
Acetonitrile	ug/L	ND	50.0	07/22/19 19:29	v1
Acrolein	ug/L	ND	50.0	07/22/19 19:29	
Acrylonitrile	ug/L	ND	50.0	07/22/19 19:29	
Allyl chloride	ug/L	ND	5.0	07/22/19 19:29	
Benzene	ug/L	ND	2.0	07/22/19 19:29	
Bromochloromethane	ug/L	ND	10.0	07/22/19 19:29	
Bromodichloromethane	ug/L	ND	10.0	07/22/19 19:29	
Bromoform	ug/L	ND	10.0	07/22/19 19:29	
Bromomethane	ug/L	ND	10.0	07/22/19 19:29	
Carbon disulfide	ug/L	ND	5.0	07/22/19 19:29	
Carbon tetrachloride	ug/L	ND	2.0	07/22/19 19:29	
Chlorobenzene	ug/L	ND	10.0	07/22/19 19:29	
Chloroethane	ug/L	ND	2.0	07/22/19 19:29	
Chloroform	ug/L	ND	2.0	07/22/19 19:29	
Chloromethane	ug/L	ND	10.0	07/22/19 19:29	
Chloroprene	ug/L	ND	5.0	07/22/19 19:29	
cis-1,2-Dichloroethene	ug/L	ND	2.0	07/22/19 19:29	
cis-1,3-Dichloropropene	ug/L	ND	2.0	07/22/19 19:29	
Dibromochloromethane	ug/L	ND	10.0	07/22/19 19:29	
Dibromomethane	ug/L	ND	10.0	07/22/19 19:29	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

METHOD BLANK: 144953

Matrix: Water

Associated Lab Samples: 2620991001, 2620991002, 2620991003, 2620991004, 2620991005, 2620991006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	10.0	07/22/19 19:29	
Ethyl methacrylate	ug/L	ND	10.0	07/22/19 19:29	
Ethylbenzene	ug/L	ND	2.0	07/22/19 19:29	
Iodomethane	ug/L	ND	100	07/22/19 19:29	
Isobutanol	ug/L	ND	100	07/22/19 19:29	v1
Methacrylonitrile	ug/L	ND	100	07/22/19 19:29	
Methyl methacrylate	ug/L	ND	10.0	07/22/19 19:29	
Methylene Chloride	ug/L	ND	5.0	07/22/19 19:29	
Propionitrile	ug/L	ND	100	07/22/19 19:29	
Styrene	ug/L	ND	10.0	07/22/19 19:29	
Tetrachloroethene	ug/L	ND	2.0	07/22/19 19:29	
Toluene	ug/L	ND	2.0	07/22/19 19:29	
trans-1,2-Dichloroethene	ug/L	ND	2.0	07/22/19 19:29	
trans-1,3-Dichloropropene	ug/L	ND	2.0	07/22/19 19:29	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	07/22/19 19:29	
Trichloroethene	ug/L	ND	2.0	07/22/19 19:29	
Trichlorofluoromethane	ug/L	ND	10.0	07/22/19 19:29	v1
Vinyl acetate	ug/L	ND	100	07/22/19 19:29	
Vinyl chloride	ug/L	ND	2.0	07/22/19 19:29	
Xylene (Total)	ug/L	ND	5.0	07/22/19 19:29	
1,2-Dichloroethane-d4 (S)	%	108	81-119	07/22/19 19:29	
4-Bromofluorobenzene (S)	%	104	82-120	07/22/19 19:29	
Dibromofluoromethane (S)	%	98	82-114	07/22/19 19:29	
Toluene-d8 (S)	%	100	82-109	07/22/19 19:29	

LABORATORY CONTROL SAMPLE: 144954

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.2	106	68-137	
1,1,1-Trichloroethane	ug/L	50	51.9	104	72-134	
1,1,2,2-Tetrachloroethane	ug/L	50	54.0	108	51-158	
1,1,2-Trichloroethane	ug/L	50	55.0	110	78-131	
1,1-Dichloroethane	ug/L	50	54.9	110	69-151	
1,1-Dichloroethene	ug/L	50	49.5	99	64-158	
1,1-Dichloropropene	ug/L	50	50.3	101	70-133	
1,2,3-Trichloropropane	ug/L	50	47.3	95	78-133	
1,2-Dibromo-3-chloropropane	ug/L	50	50.7	101	58-124	
1,2-Dibromoethane (EDB)	ug/L	50	53.8	108	71-134	
1,2-Dichlorobenzene	ug/L	50	52.2	104	70-135	
1,2-Dichloroethane	ug/L	50	53.3	107	72-129	
1,2-Dichloropropane	ug/L	50	55.1	110	64-135	
1,3-Dichlorobenzene	ug/L	50	53.6	107	71-134	
1,3-Dichloropropane	ug/L	50	56.9	114	70-140	
1,4-Dichlorobenzene	ug/L	50	52.7	105	70-131	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

LABORATORY CONTROL SAMPLE: 144954

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	49.0	98	34-170	
2-Butanone (MEK)	ug/L	100	108	108	52-143	
2-Hexanone	ug/L	100	107	107	61-136	
4-Methyl-2-pentanone (MIBK)	ug/L	100	108	108	71-129	
Acetone	ug/L	100	83.5J	83	48-224	
Acrolein	ug/L	100	121	121	57-185	
Acrylonitrile	ug/L	200	207	103	66-154	
Allyl chloride	ug/L	100	85.2	85	58-150	
Benzene	ug/L	50	50.5	101	68-132	
Bromochloromethane	ug/L	50	49.4	99	73-133	
Bromodichloromethane	ug/L	50	52.7	105	67-121	
Bromoform	ug/L	50	51.6	103	57-125	
Bromomethane	ug/L	50	43.0	86	35-156	
Carbon disulfide	ug/L	100	85.4	85	47-141	
Carbon tetrachloride	ug/L	50	50.9	102	66-122	
Chlorobenzene	ug/L	50	53.1	106	71-126	
Chloroethane	ug/L	50	41.4	83	43-143	
Chloroform	ug/L	50	51.5	103	71-136	
Chloromethane	ug/L	50	41.9	84	47-123	
cis-1,2-Dichloroethene	ug/L	50	51.4	103	74-131	
cis-1,3-Dichloropropene	ug/L	50	49.8	100	78-120	
Dibromochloromethane	ug/L	50	51.6	103	65-115	
Dibromomethane	ug/L	50	54.8	110	79-129	
Dichlorodifluoromethane	ug/L	50	38.7	77	29-124	
Ethyl methacrylate	ug/L	100	98.9	99	75-130	
Ethylbenzene	ug/L	50	55.2	110	68-129	
Iodomethane	ug/L	100	90.6J	91	49-154	
Methacrylonitrile	ug/L	100	88.2J	88	74-139	
Methyl methacrylate	ug/L	100	99.3	99	75-133	
Methylene Chloride	ug/L	50	49.0	98	61-147	
Propionitrile	ug/L	100	86.4J	86	69-139	
Styrene	ug/L	50	53.5	107	77-128	
Tetrachloroethene	ug/L	50	51.4	103	51-139	
Toluene	ug/L	50	52.4	105	60-133	
trans-1,2-Dichloroethene	ug/L	50	50.7	101	69-144	
trans-1,3-Dichloropropene	ug/L	50	48.3	97	74-128	
trans-1,4-Dichloro-2-butene	ug/L	100	102	102	61-139	
Trichloroethene	ug/L	50	46.4	93	73-126	
Trichlorofluoromethane	ug/L	50	47.6	95	55-132 v1	
Vinyl acetate	ug/L	50	37.5J	75	52-141	
Vinyl chloride	ug/L	50	42.8	86	50-133	
Xylene (Total)	ug/L	150	171	114	78-132	
1,2-Dichloroethane-d4 (S)	%			101	81-119	
4-Bromofluorobenzene (S)	%			105	82-120	
Dibromofluoromethane (S)	%			103	82-114	
Toluene-d8 (S)	%			102	82-109	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 144955 144956													
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		2620991001 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	57.2	61.2	114	122	68-137	7	11		
1,1,1-Trichloroethane	ug/L	ND	50	50	65.4	71.6	131	143	66-142	9	11	M1	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	56.3	60.5	113	121	39-171	7	13		
1,1,2-Trichloroethane	ug/L	ND	50	50	57.3	67.4	115	135	73-136	16	12	R1	
1,1-Dichloroethane	ug/L	ND	50	50	64.5	71.4	129	143	66-155	10	15		
1,1-Dichloroethene	ug/L	ND	50	50	64.2	71.8	128	144	33-181	11	34		
1,1-Dichloropropene	ug/L	ND	50	50	67.0	72.7	134	145	70-133	8	12	M1	
1,2,3-Trichloropropane	ug/L	ND	50	50	45.6	50.5	91	101	78-133	10	14		
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	44.7	55.9	89	112	58-124	22	15	R1	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	53.3	62.4	107	125	71-134	16	12	R1	
1,2-Dichlorobenzene	ug/L	ND	50	50	54.1	57.2	108	114	69-135	6	10		
1,2-Dichloroethane	ug/L	ND	50	50	62.8	67.1	126	134	36-159	7	10		
1,2-Dichloropropane	ug/L	ND	50	50	56.4	64.7	113	129	68-132	14	11	R1	
1,3-Dichlorobenzene	ug/L	ND	50	50	52.2	58.9	104	118	68-135	12	10	R1	
1,3-Dichloropropane	ug/L	ND	50	50	60.9	67.2	122	134	70-138	10	10		
1,4-Dichlorobenzene	ug/L	ND	50	50	51.5	56.9	103	114	49-153	10	9	R1	
2,2-Dichloropropane	ug/L	ND	50	50	40.7	47.3	81	95	34-170	15	9	R1	
2-Butanone (MEK)	ug/L	ND	100	100	85.2J	111	85	111	10-189	26	23	R1	
2-Hexanone	ug/L	ND	100	100	103	116	103	116	40-135	11	18		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	104	121	104	121	30-177	15	10	R1	
Acetone	ug/L	ND	100	100	91.2J	97.8J	88	94	44-223	7	14		
Acrolein	ug/L	ND	100	100	102	106	102	106	57-185	4	30		
Acrylonitrile	ug/L	ND	200	200	222	242	111	121	13-189	9	12		
Allyl chloride	ug/L	ND	100	100	96.6	106	97	106	58-150	9	18		
Benzene	ug/L	ND	50	50	58.3	62.8	117	126	66-139	7	10		
Bromochloromethane	ug/L	ND	50	50	57.4	60.2	115	120	73-133	5	13		
Bromodichloromethane	ug/L	ND	50	50	55.8	63.5	112	127	57-120	13	13	M1	
Bromoform	ug/L	ND	50	50	55.6	59.0	111	118	48-128	6	13		
Bromomethane	ug/L	ND	50	50	44.9	53.5	90	107	10-187	17	32		
Carbon disulfide	ug/L	ND	100	100	100	110	100	110	47-141	9	322		
Carbon tetrachloride	ug/L	ND	50	50	70.9	76.8	142	154	58-127	8	14	M1	
Chlorobenzene	ug/L	ND	50	50	55.5	59.1	111	118	63-137	6	10		
Chloroethane	ug/L	ND	50	50	52.8	56.9	106	114	52-146	7	16		
Chloroform	ug/L	ND	50	50	60.3	63.4	121	127	74-137	5	9		
Chloromethane	ug/L	ND	50	50	52.3	58.9	105	118	41-127	12	10	R1	
cis-1,2-Dichloroethene	ug/L	ND	50	50	59.3	66.7	119	133	71-138	12	16		
cis-1,3-Dichloropropene	ug/L	ND	50	50	48.2	54.3	96	109	32-145	12	12		
Dibromochloromethane	ug/L	ND	50	50	53.3	63.3	107	127	52-116	17	13	M1,R1	
Dibromomethane	ug/L	ND	50	50	57.7	64.6	115	129	79-129	11	14		
Dichlorodifluoromethane	ug/L	ND	50	50	66.1	72.5	132	145	36-126	9	15	M1	
Ethyl methacrylate	ug/L	ND	100	100	100	111	100	111	75-130	10	14		
Ethylbenzene	ug/L	ND	50	50	58.5	63.5	117	127	31-174	8	10		
Iodomethane	ug/L	ND	100	100	109	120	109	120	49-154	9	30		
Methacrylonitrile	ug/L	ND	100	100	97.4J	102	97	102	74-139	4	14		

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 144955		144956		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		2620991001 Result	MS Spike Conc.	MSD Spike Conc.									
Methyl methacrylate	ug/L	ND	100	100	101	118	101	118	75-133	16	13	R1	
Methylene Chloride	ug/L	ND	50	50	56.3	60.7	113	121	61-146	7	15		
Propionitrile	ug/L	ND	100	100	101	107	101	107	69-139	6	16		
Styrene	ug/L	ND	50	50	56.4	61.0	113	122	77-128	8	14		
Tetrachloroethene	ug/L	ND	50	50	53.4	63.1	107	126	36-155	17	14	R1	
Toluene	ug/L	ND	50	50	57.8	66.2	116	132	52-146	14	11	R1	
trans-1,2-Dichloroethene	ug/L	ND	50	50	59.1	63.4	118	127	61-152	7	14		
trans-1,3-Dichloropropene	ug/L	ND	50	50	45.7	54.4	91	109	37-146	17	12	R1	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	100	92.4J	97.1J	92	97	61-139	5	12		
Trichloroethene	ug/L	ND	50	50	51.1	58.0	102	116	61-141	13	12	R1	
Trichlorofluoromethane	ug/L	ND	50	50	78.0	83.1	156	166	51-141	6	13	M1,v1	
Vinyl acetate	ug/L	ND	50	50	70.9J	76.2J	142	152	52-141	7	14	M1	
Vinyl chloride	ug/L	ND	50	50	58.0	63.9	116	128	22-156	10	26		
Xylene (Total)	ug/L	ND	150	150	180	195	120	130	78-132	8	7		
1,2-Dichloroethane-d4 (S)	%						112	108	81-119				
4-Bromofluorobenzene (S)	%						108	107	82-120				
Dibromofluoromethane (S)	%						104	107	82-114				
Toluene-d8 (S)	%						101	100	82-109				

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32255 Analysis Method: EPA 8260B
 QC Batch Method: EPA 8260B Analysis Description: 8260B MSV Water, Extend
 Associated Lab Samples: 2620991007, 2620991008, 2620991009, 2620991010, 2620991011, 2620991012, 2620991013, 2620991014,
 2620991015, 2620991016, 2620991017, 2620991018, 2620991019, 2620991021, 2620991022, 2620991023,
 2620991024, 2620991025, 2620991026, 2620991027

METHOD BLANK: 145138 Matrix: Water

Associated Lab Samples: 2620991007, 2620991008, 2620991009, 2620991010, 2620991011, 2620991012, 2620991013, 2620991014,
 2620991015, 2620991016, 2620991017, 2620991018, 2620991019, 2620991021, 2620991022, 2620991023,
 2620991024, 2620991025, 2620991026, 2620991027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	2.0	07/23/19 11:44	
1,1,1-Trichloroethane	ug/L	ND	2.0	07/23/19 11:44	
1,1,2,2-Tetrachloroethane	ug/L	ND	2.0	07/23/19 11:44	
1,1,2-Trichloroethane	ug/L	ND	2.0	07/23/19 11:44	
1,1-Dichloroethane	ug/L	ND	2.0	07/23/19 11:44	
1,1-Dichloroethene	ug/L	ND	2.0	07/23/19 11:44	
1,1-Dichloropropene	ug/L	ND	2.0	07/23/19 11:44	
1,2,3-Trichloropropane	ug/L	ND	10.0	07/23/19 11:44	
1,2-Dibromo-3-chloropropane	ug/L	ND	25.0	07/23/19 11:44	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	07/23/19 11:44	
1,2-Dichlorobenzene	ug/L	ND	10.0	07/23/19 11:44	
1,2-Dichloroethane	ug/L	ND	2.0	07/23/19 11:44	
1,2-Dichloropropane	ug/L	ND	2.0	07/23/19 11:44	
1,3-Dichlorobenzene	ug/L	ND	10.0	07/23/19 11:44	
1,3-Dichloropropane	ug/L	ND	2.0	07/23/19 11:44	
1,4-Dichlorobenzene	ug/L	ND	10.0	07/23/19 11:44	
2,2-Dichloropropane	ug/L	ND	2.0	07/23/19 11:44	
2-Butanone (MEK)	ug/L	ND	100	07/23/19 11:44	
2-Hexanone	ug/L	ND	50.0	07/23/19 11:44	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	50.0	07/23/19 11:44	
Acetone	ug/L	ND	100	07/23/19 11:44	
Acetonitrile	ug/L	ND	50.0	07/23/19 11:44	v1
Acrolein	ug/L	ND	50.0	07/23/19 11:44	
Acrylonitrile	ug/L	ND	50.0	07/23/19 11:44	
Allyl chloride	ug/L	ND	5.0	07/23/19 11:44	
Benzene	ug/L	ND	2.0	07/23/19 11:44	
Bromochloromethane	ug/L	ND	10.0	07/23/19 11:44	
Bromodichloromethane	ug/L	ND	10.0	07/23/19 11:44	
Bromoform	ug/L	ND	10.0	07/23/19 11:44	
Bromomethane	ug/L	ND	10.0	07/23/19 11:44	
Carbon disulfide	ug/L	ND	5.0	07/23/19 11:44	
Carbon tetrachloride	ug/L	ND	2.0	07/23/19 11:44	
Chlorobenzene	ug/L	ND	10.0	07/23/19 11:44	
Chloroethane	ug/L	ND	2.0	07/23/19 11:44	
Chloroform	ug/L	ND	2.0	07/23/19 11:44	
Chloromethane	ug/L	ND	10.0	07/23/19 11:44	
Chloroprene	ug/L	ND	5.0	07/23/19 11:44	
cis-1,2-Dichloroethene	ug/L	ND	2.0	07/23/19 11:44	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

METHOD BLANK: 145138

Matrix: Water

Associated Lab Samples: 2620991007, 2620991008, 2620991009, 2620991010, 2620991011, 2620991012, 2620991013, 2620991014, 2620991015, 2620991016, 2620991017, 2620991018, 2620991019, 2620991021, 2620991022, 2620991023, 2620991024, 2620991025, 2620991026, 2620991027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	2.0	07/23/19 11:44	
Dibromochloromethane	ug/L	ND	10.0	07/23/19 11:44	
Dibromomethane	ug/L	ND	10.0	07/23/19 11:44	
Dichlorodifluoromethane	ug/L	ND	10.0	07/23/19 11:44	
Ethyl methacrylate	ug/L	ND	10.0	07/23/19 11:44	
Ethylbenzene	ug/L	ND	2.0	07/23/19 11:44	
Iodomethane	ug/L	ND	100	07/23/19 11:44	
Isobutanol	ug/L	ND	100	07/23/19 11:44	v1
Methacrylonitrile	ug/L	ND	100	07/23/19 11:44	
Methyl methacrylate	ug/L	ND	10.0	07/23/19 11:44	
Methylene Chloride	ug/L	ND	5.0	07/23/19 11:44	
Propionitrile	ug/L	ND	100	07/23/19 11:44	
Styrene	ug/L	ND	10.0	07/23/19 11:44	
Tetrachloroethene	ug/L	ND	2.0	07/23/19 11:44	
Toluene	ug/L	ND	2.0	07/23/19 11:44	
trans-1,2-Dichloroethene	ug/L	ND	2.0	07/23/19 11:44	
trans-1,3-Dichloropropene	ug/L	ND	2.0	07/23/19 11:44	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	07/23/19 11:44	
Trichloroethene	ug/L	ND	2.0	07/23/19 11:44	
Trichlorofluoromethane	ug/L	ND	10.0	07/23/19 11:44	
Vinyl acetate	ug/L	ND	100	07/23/19 11:44	
Vinyl chloride	ug/L	ND	2.0	07/23/19 11:44	
Xylene (Total)	ug/L	ND	5.0	07/23/19 11:44	
1,2-Dichloroethane-d4 (S)	%	106	81-119	07/23/19 11:44	
4-Bromofluorobenzene (S)	%	101	82-120	07/23/19 11:44	
Dibromofluoromethane (S)	%	93	82-114	07/23/19 11:44	
Toluene-d8 (S)	%	101	82-109	07/23/19 11:44	

LABORATORY CONTROL SAMPLE: 145139

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.8	104	68-137	
1,1,1-Trichloroethane	ug/L	50	55.7	111	72-134	
1,1,2,2-Tetrachloroethane	ug/L	50	53.7	107	51-158	
1,1,2-Trichloroethane	ug/L	50	54.8	110	78-131	
1,1-Dichloroethane	ug/L	50	60.4	121	69-151	
1,1-Dichloroethene	ug/L	50	55.7	111	64-158	
1,1-Dichloropropene	ug/L	50	56.9	114	70-133	
1,2,3-Trichloropropane	ug/L	50	47.2	94	78-133	
1,2-Dibromo-3-chloropropane	ug/L	50	48.6	97	58-124	
1,2-Dibromoethane (EDB)	ug/L	50	51.4	103	71-134	
1,2-Dichlorobenzene	ug/L	50	54.0	108	70-135	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

LABORATORY CONTROL SAMPLE: 145139

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	58.1	116	72-129	
1,2-Dichloropropane	ug/L	50	56.4	113	64-135	
1,3-Dichlorobenzene	ug/L	50	54.6	109	71-134	
1,3-Dichloropropane	ug/L	50	55.7	111	70-140	
1,4-Dichlorobenzene	ug/L	50	53.7	107	70-131	
2,2-Dichloropropane	ug/L	50	58.0	116	34-170	
2-Butanone (MEK)	ug/L	100	81.6J	82	52-143	
2-Hexanone	ug/L	100	91.6	92	61-136	
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	103	71-129	
Acetone	ug/L	100	83.5J	84	48-224	
Acrolein	ug/L	100	113	113	57-185	
Acrylonitrile	ug/L	200	204	102	66-154	
Allyl chloride	ug/L	100	101	101	58-150	
Benzene	ug/L	50	52.5	105	68-132	
Bromochloromethane	ug/L	50	50.9	102	73-133	
Bromodichloromethane	ug/L	50	51.6	103	67-121	
Bromoform	ug/L	50	52.8	106	57-125	
Bromomethane	ug/L	50	50.9	102	35-156	
Carbon disulfide	ug/L	100	95.8	96	47-141	
Carbon tetrachloride	ug/L	50	59.0	118	66-122	
Chlorobenzene	ug/L	50	51.8	104	71-126	
Chloroethane	ug/L	50	47.0	94	43-143	
Chloroform	ug/L	50	55.2	110	71-136	
Chloromethane	ug/L	50	47.7	95	47-123	
cis-1,2-Dichloroethene	ug/L	50	57.3	115	74-131	
cis-1,3-Dichloropropene	ug/L	50	52.3	105	78-120	
Dibromochloromethane	ug/L	50	52.5	105	65-115	
Dibromomethane	ug/L	50	54.5	109	79-129	
Dichlorodifluoromethane	ug/L	50	48.7	97	29-124	
Ethyl methacrylate	ug/L	100	94.6	95	75-130	
Ethylbenzene	ug/L	50	54.6	109	68-129	
Iodomethane	ug/L	100	96.1J	96	49-154	
Methacrylonitrile	ug/L	100	92.4J	92	74-139	
Methyl methacrylate	ug/L	100	97.9	98	75-133	
Methylene Chloride	ug/L	50	53.6	107	61-147	
Propionitrile	ug/L	100	103	103	69-139	
Styrene	ug/L	50	53.2	106	77-128	
Tetrachloroethene	ug/L	50	53.7	107	51-139	
Toluene	ug/L	50	54.2	108	60-133	
trans-1,2-Dichloroethene	ug/L	50	54.5	109	69-144	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	74-128	
trans-1,4-Dichloro-2-butene	ug/L	100	92.1J	92	61-139	
Trichloroethene	ug/L	50	46.9	94	73-126	
Trichlorofluoromethane	ug/L	50	55.9	112	55-132	
Vinyl acetate	ug/L	50	39.3J	79	52-141	
Vinyl chloride	ug/L	50	50.1	100	50-133	
Xylene (Total)	ug/L	150	171	114	78-132	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

LABORATORY CONTROL SAMPLE: 145139

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%.			104	81-119	
4-Bromofluorobenzene (S)	%.			107	82-120	
Dibromofluoromethane (S)	%.			109	82-114	
Toluene-d8 (S)	%.			100	82-109	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 145140 145141

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		2620991007 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	36.4	36.7	73	73	68-137	1	11		
1,1,1-Trichloroethane	ug/L	ND	50	50	45.7	44.2	91	88	66-142	3	11		
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	35.9	36.9	72	74	39-171	3	13		
1,1,2-Trichloroethane	ug/L	ND	50	50	39.6	38.9	79	78	73-136	2	12		
1,1-Dichloroethane	ug/L	ND	50	50	43.7	43.5	87	87	66-155	0	15		
1,1-Dichloroethene	ug/L	ND	50	50	46.5	46.7	93	93	33-181	0	34		
1,1-Dichloropropene	ug/L	ND	50	50	46.6	45.6	93	91	70-133	2	12		
1,2,3-Trichloropropane	ug/L	ND	50	50	29.7	32.9	59	66	78-133	10	14	M1	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	30.4	32.1	61	64	58-124	5	15		
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	36.9	36.8	74	74	71-134	0	12		
1,2-Dichlorobenzene	ug/L	ND	50	50	36.3	33.2	73	66	69-135	9	10	M1	
1,2-Dichloroethane	ug/L	ND	50	50	41.9	44.3	84	89	36-159	6	10		
1,2-Dichloropropane	ug/L	ND	50	50	42.3	39.5	85	79	68-132	7	11		
1,3-Dichlorobenzene	ug/L	ND	50	50	37.2	34.3	74	69	68-135	8	10		
1,3-Dichloropropane	ug/L	ND	50	50	42.6	41.0	85	82	70-138	4	10		
1,4-Dichlorobenzene	ug/L	ND	50	50	36.9	34.1	74	68	49-153	8	9		
2,2-Dichloropropane	ug/L	ND	50	50	39.3	39.3	79	79	34-170	0	9		
2-Butanone (MEK)	ug/L	ND	100	100	72.5J	70.4J	72	70	10-189	3	23		
2-Hexanone	ug/L	ND	100	100	72.7	71.8	73	72	40-135	1	18		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	72.4	73.2	72	73	30-177	1	10		
Acetone	ug/L	ND	100	100	55.7J	64.3J	56	64	44-223	14	14		
Acrolein	ug/L	ND	100	100	80.8	81.1	81	81	57-185	0	30		
Acrylonitrile	ug/L	ND	200	200	142	148	71	74	13-189	4	12		
Allyl chloride	ug/L	ND	100	100	73.1	66.1	73	66	58-150	10	18		
Benzene	ug/L	ND	50	50	40.4	39.2	81	78	66-139	3	10		
Bromochloromethane	ug/L	ND	50	50	37.9	37.3	76	75	73-133	2	13		
Bromodichloromethane	ug/L	ND	50	50	38.5	36.5	77	73	57-120	5	13		
Bromoform	ug/L	ND	50	50	34.8	34.3	70	69	48-128	1	13		
Bromomethane	ug/L	ND	50	50	33.1	37.1	66	74	10-187	12	32		
Carbon disulfide	ug/L	ND	100	100	75.9	71.8	76	72	47-141	6	322		
Carbon tetrachloride	ug/L	ND	50	50	47.3	47.5	95	95	58-127	0	14		
Chlorobenzene	ug/L	ND	50	50	36.2	36.0	72	72	63-137	0	10		
Chloroethane	ug/L	ND	50	50	37.1	34.2	74	68	52-146	8	16		
Chloroform	ug/L	ND	50	50	41.7	39.7	83	79	74-137	5	9		
Chloromethane	ug/L	ND	50	50	38.3	37.6	77	75	41-127	2	10		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 145140		145141		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		2620991007 Result	MS Spike Conc.	MSD Spike Conc.									
cis-1,2-Dichloroethene	ug/L	ND	50	50	42.1	40.9	84	82	71-138	3	16		
cis-1,3-Dichloropropene	ug/L	ND	50	50	37.1	34.9	74	70	32-145	6	12		
Dibromochloromethane	ug/L	ND	50	50	38.9	35.5	78	71	52-116	9	13		
Dibromomethane	ug/L	ND	50	50	40.6	38.2	81	76	79-129	6	14	M1	
Dichlorodifluoromethane	ug/L	ND	50	50	50.3	48.9	101	98	36-126	3	15		
Ethyl methacrylate	ug/L	ND	100	100	68.6	68.0	69	68	75-130	1	14	M1	
Ethylbenzene	ug/L	ND	50	50	39.7	38.6	79	77	31-174	3	10		
Iodomethane	ug/L	ND	100	100	71.5J	73.8J	72	74	49-154	3	30		
Methacrylonitrile	ug/L	ND	100	100	62.6J	64.5J	63	64	74-139	3	14	M1	
Methyl methacrylate	ug/L	ND	100	100	73.0	68.5	73	68	75-133	6	13	M1	
Methylene Chloride	ug/L	ND	50	50	38.2	38.3	76	77	61-146	0	15		
Propionitrile	ug/L	ND	100	100	66.5J	62.5J	67	62	69-139	6	16	M1	
Styrene	ug/L	ND	50	50	36.9	37.4	74	75	77-128	1	14	M1	
Tetrachloroethene	ug/L	ND	50	50	41.6	38.4	83	77	36-155	8	14		
Toluene	ug/L	ND	50	50	42.3	39.6	85	79	52-146	7	11		
trans-1,2-Dichloroethene	ug/L	ND	50	50	41.7	40.3	83	81	61-152	3	14		
trans-1,3-Dichloropropene	ug/L	ND	50	50	33.5	33.2	67	66	37-146	1	12		
trans-1,4-Dichloro-2-butene	ug/L	ND	100	100	61.8J	66.2J	62	66	61-139	7	12		
Trichloroethene	ug/L	ND	50	50	37.4	36.9	75	74	61-141	1	12		
Trichlorofluoromethane	ug/L	ND	50	50	55.1	53.0	110	106	51-141	4	13		
Vinyl acetate	ug/L	ND	50	50	56.7J	56.3J	113	113	52-141	1	14		
Vinyl chloride	ug/L	ND	50	50	41.1	41.4	82	83	22-156	1	26		
Xylene (Total)	ug/L	ND	150	150	122	122	82	82	78-132	0	7		
1,2-Dichloroethane-d4 (S)	%						111	111	81-119				
4-Bromofluorobenzene (S)	%						103	105	82-120				
Dibromofluoromethane (S)	%						104	108	82-114				
Toluene-d8 (S)	%						99	99	82-109				

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32269 Analysis Method: EPA 8260B
 QC Batch Method: EPA 8260B Analysis Description: 8260B MSV Water, Extend
 Associated Lab Samples: 2620991028, 2620991029, 2620991030, 2620991031, 2620991032, 2620991033, 2620991034, 2620991035,
 2620991036, 2620991037, 2620991038, 2620991039, 2620991040

METHOD BLANK: 145208 Matrix: Water
 Associated Lab Samples: 2620991028, 2620991029, 2620991030, 2620991031, 2620991032, 2620991033, 2620991034, 2620991035,
 2620991036, 2620991037, 2620991038, 2620991039, 2620991040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	2.0	07/24/19 12:59	
1,1,1-Trichloroethane	ug/L	ND	2.0	07/24/19 12:59	
1,1,2,2-Tetrachloroethane	ug/L	ND	2.0	07/24/19 12:59	
1,1,2-Trichloroethane	ug/L	ND	2.0	07/24/19 12:59	
1,1-Dichloroethane	ug/L	ND	2.0	07/24/19 12:59	
1,1-Dichloroethene	ug/L	ND	2.0	07/24/19 12:59	
1,2,3-Trichloropropane	ug/L	ND	10.0	07/24/19 12:59	
1,2-Dibromo-3-chloropropane	ug/L	ND	25.0	07/24/19 12:59	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	07/24/19 12:59	
1,2-Dichlorobenzene	ug/L	ND	10.0	07/24/19 12:59	
1,2-Dichloroethane	ug/L	ND	2.0	07/24/19 12:59	
1,2-Dichloropropane	ug/L	ND	2.0	07/24/19 12:59	
1,4-Dichlorobenzene	ug/L	ND	10.0	07/24/19 12:59	
2-Butanone (MEK)	ug/L	ND	100	07/24/19 12:59	
2-Hexanone	ug/L	ND	50.0	07/24/19 12:59	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	50.0	07/24/19 12:59	
Acetone	ug/L	ND	100	07/24/19 12:59	
Acrylonitrile	ug/L	ND	50.0	07/24/19 12:59	
Benzene	ug/L	ND	2.0	07/24/19 12:59	
Bromochloromethane	ug/L	ND	10.0	07/24/19 12:59	
Bromodichloromethane	ug/L	ND	10.0	07/24/19 12:59	
Bromoform	ug/L	ND	10.0	07/24/19 12:59	
Bromomethane	ug/L	ND	10.0	07/24/19 12:59	
Carbon disulfide	ug/L	ND	5.0	07/24/19 12:59	
Carbon tetrachloride	ug/L	ND	2.0	07/24/19 12:59	
Chlorobenzene	ug/L	ND	10.0	07/24/19 12:59	
Chloroethane	ug/L	ND	2.0	07/24/19 12:59	
Chloroform	ug/L	ND	2.0	07/24/19 12:59	
Chloromethane	ug/L	ND	10.0	07/24/19 12:59	
cis-1,2-Dichloroethene	ug/L	ND	2.0	07/24/19 12:59	
cis-1,3-Dichloropropene	ug/L	ND	2.0	07/24/19 12:59	
Dibromochloromethane	ug/L	ND	10.0	07/24/19 12:59	
Dibromomethane	ug/L	ND	10.0	07/24/19 12:59	
Ethylbenzene	ug/L	ND	2.0	07/24/19 12:59	
Iodomethane	ug/L	ND	100	07/24/19 12:59	
Methylene Chloride	ug/L	ND	5.0	07/24/19 12:59	
Styrene	ug/L	ND	10.0	07/24/19 12:59	
Tetrachloroethene	ug/L	ND	2.0	07/24/19 12:59	
Toluene	ug/L	ND	2.0	07/24/19 12:59	
trans-1,2-Dichloroethene	ug/L	ND	2.0	07/24/19 12:59	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

METHOD BLANK: 145208

Matrix: Water

Associated Lab Samples: 2620991028, 2620991029, 2620991030, 2620991031, 2620991032, 2620991033, 2620991034, 2620991035, 2620991036, 2620991037, 2620991038, 2620991039, 2620991040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	2.0	07/24/19 12:59	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	07/24/19 12:59	
Trichloroethene	ug/L	ND	2.0	07/24/19 12:59	
Trichlorofluoromethane	ug/L	ND	10.0	07/24/19 12:59	v1
Vinyl acetate	ug/L	ND	100	07/24/19 12:59	
Vinyl chloride	ug/L	ND	2.0	07/24/19 12:59	
Xylene (Total)	ug/L	ND	5.0	07/24/19 12:59	
1,2-Dichloroethane-d4 (S)	%	109	81-119	07/24/19 12:59	
4-Bromofluorobenzene (S)	%	99	82-120	07/24/19 12:59	
Dibromofluoromethane (S)	%	98	82-114	07/24/19 12:59	
Toluene-d8 (S)	%	99	82-109	07/24/19 12:59	

LABORATORY CONTROL SAMPLE: 145209

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.7	103	68-137	
1,1,1-Trichloroethane	ug/L	50	53.9	108	72-134	
1,1,2,2-Tetrachloroethane	ug/L	50	48.7	97	51-158	
1,1,2-Trichloroethane	ug/L	50	56.7	113	78-131	
1,1-Dichloroethane	ug/L	50	57.1	114	69-151	
1,1-Dichloroethene	ug/L	50	54.2	108	64-158	
1,2,3-Trichloropropane	ug/L	50	42.4	85	78-133	
1,2-Dibromo-3-chloropropane	ug/L	50	45.3	91	58-124	
1,2-Dibromoethane (EDB)	ug/L	50	50.5	101	71-134	
1,2-Dichlorobenzene	ug/L	50	49.0	98	70-135	
1,2-Dichloroethane	ug/L	50	59.2	118	72-129	
1,2-Dichloropropane	ug/L	50	58.5	117	64-135	
1,4-Dichlorobenzene	ug/L	50	48.3	97	70-131	
2-Butanone (MEK)	ug/L	100	130	130	52-143	
2-Hexanone	ug/L	100	118	118	61-136	
4-Methyl-2-pentanone (MIBK)	ug/L	100	110	110	71-129	
Acetone	ug/L	100	118	118	48-224	
Acrylonitrile	ug/L	200	210	105	66-154	
Benzene	ug/L	50	50.8	102	68-132	
Bromochloromethane	ug/L	50	50.4	101	73-133	
Bromodichloromethane	ug/L	50	52.9	106	67-121	
Bromoform	ug/L	50	51.2	102	57-125	
Bromomethane	ug/L	50	50.8	102	35-156	
Carbon disulfide	ug/L	100	90.5	90	47-141	
Carbon tetrachloride	ug/L	50	54.2	108	66-122	
Chlorobenzene	ug/L	50	51.4	103	71-126	
Chloroethane	ug/L	50	41.3	83	43-143	
Chloroform	ug/L	50	52.2	104	71-136	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

LABORATORY CONTROL SAMPLE: 145209

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	50	45.9	92	47-123	
cis-1,2-Dichloroethene	ug/L	50	54.1	108	74-131	
cis-1,3-Dichloropropene	ug/L	50	52.9	106	78-120	
Dibromochloromethane	ug/L	50	51.5	103	65-115	
Dibromomethane	ug/L	50	54.8	110	79-129	
Ethylbenzene	ug/L	50	52.1	104	68-129	
Iodomethane	ug/L	100	92.6J	93	49-154	
Methylene Chloride	ug/L	50	51.5	103	61-147	
Styrene	ug/L	50	51.7	103	77-128	
Tetrachloroethene	ug/L	50	53.7	107	51-139	
Toluene	ug/L	50	53.2	106	60-133	
trans-1,2-Dichloroethene	ug/L	50	53.1	106	69-144	
trans-1,3-Dichloropropene	ug/L	50	49.5	99	74-128	
trans-1,4-Dichloro-2-butene	ug/L	100	89.6J	90	61-139	
Trichloroethene	ug/L	50	49.3	99	73-126	
Trichlorofluoromethane	ug/L	50	52.7	105	55-132 v1	
Vinyl acetate	ug/L	50	39.8J	80	52-141	
Vinyl chloride	ug/L	50	45.3	91	50-133	
Xylene (Total)	ug/L	150	165	110	78-132	
1,2-Dichloroethane-d4 (S)	%			106	81-119	
4-Bromofluorobenzene (S)	%			101	82-120	
Dibromofluoromethane (S)	%			102	82-114	
Toluene-d8 (S)	%			99	82-109	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 145210 145211

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		2620991028 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	52.2	32.6	104	65	68-137	46	11	M1,R1	
1,1,1-Trichloroethane	ug/L	ND	50	50	61.8	42.4	124	85	66-142	37	11	R1	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	48.7	31.5	97	63	39-171	43	13	R1	
1,1,2-Trichloroethane	ug/L	ND	50	50	56.2	36.7	112	73	73-136	42	12	R1	
1,1-Dichloroethane	ug/L	ND	50	50	59.8	42.4	120	85	66-155	34	15	R1	
1,1-Dichloroethene	ug/L	ND	50	50	59.8	43.0	120	86	33-181	33	34		
1,2,3-Trichloropropane	ug/L	ND	50	50	41.3	28.0	83	56	78-133	39	14	M1,R1	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	44.9	26.6	90	53	58-124	51	15	M1,R1	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	52.7	34.8	105	70	71-134	41	12	M1,R1	
1,2-Dichlorobenzene	ug/L	ND	50	50	48.0	31.5	96	63	69-135	42	10	M1,R1	
1,2-Dichloroethane	ug/L	ND	50	50	62.1	38.8	124	78	36-159	46	10	R1,v1	
1,2-Dichloropropane	ug/L	ND	50	50	57.2	38.5	114	77	68-132	39	11	R1	
1,4-Dichlorobenzene	ug/L	ND	50	50	47.7	30.9	95	62	49-153	43	9	R1	
2-Butanone (MEK)	ug/L	ND	100	100	99.4J	63.5J	99	64	10-189	44	23	R1	
2-Hexanone	ug/L	ND	100	100	105	63.7	105	64	40-135	49	18	R1	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	107	65.6	107	66	30-177	48	10	R1	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 145210												145211	
Parameter	Units	2620991028	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual	
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
Acetone	ug/L	ND	100	100	83J	55.6J	83	56	44-223	40	14	R1	
Acrylonitrile	ug/L	ND	200	200	214	142	107	71	13-189	41	12	R1	
Benzene	ug/L	ND	50	50	54.7	36.7	109	73	66-139	39	10	R1	
Bromochloromethane	ug/L	ND	50	50	52.2	34.7	104	69	73-133	40	13	M1,R1	
Bromodichloromethane	ug/L	ND	50	50	54.2	34.8	108	70	57-120	44	13	R1	
Bromoform	ug/L	ND	50	50	48.9	30.0	98	60	48-128	48	13	R1	
Bromomethane	ug/L	ND	50	50	59.3	43.0	119	86	10-187	32	32		
Carbon disulfide	ug/L	ND	100	100	107	77.1	107	77	47-141	33	322		
Carbon tetrachloride	ug/L	ND	50	50	67.4	46.5	135	93	58-127	37	14	M1,R1	
Chlorobenzene	ug/L	ND	50	50	49.5	34.6	99	69	63-137	35	10	R1	
Chloroethane	ug/L	ND	50	50	51.8	38.8	104	78	52-146	29	16	R1	
Chloroform	ug/L	ND	50	50	57.6	38.3	113	75	74-137	40	9	R1	
Chloromethane	ug/L	ND	50	50	57.4	41.4	115	83	41-127	32	10	R1	
cis-1,2-Dichloroethene	ug/L	ND	50	50	56.9	38.4	114	77	71-138	39	16	R1	
cis-1,3-Dichloropropene	ug/L	ND	50	50	50.1	32.4	100	65	32-145	43	12	R1	
Dibromochloromethane	ug/L	ND	50	50	52.0	34.5	104	69	52-116	41	13	R1	
Dibromomethane	ug/L	ND	50	50	55.4	37.7	111	75	79-129	38	14	M1,R1	
Ethylbenzene	ug/L	ND	50	50	52.1	37.3	104	75	31-174	33	10	R1	
Iodomethane	ug/L	ND	100	100	113	76.3J	113	76	49-154	39	30	R1	
Methylene Chloride	ug/L	ND	50	50	52.3	37.0	105	74	61-146	34	15	R1	
Styrene	ug/L	ND	50	50	49.7	34.3	99	69	77-128	37	14	M1,R1	
Tetrachloroethene	ug/L	ND	50	50	54.5	36.6	109	73	36-155	39	14	R1	
Toluene	ug/L	ND	50	50	55.3	38.3	111	77	52-146	36	11	R1	
trans-1,2-Dichloroethene	ug/L	ND	50	50	54.9	37.1	110	74	61-152	39	14	R1	
trans-1,3-Dichloropropene	ug/L	ND	50	50	46.1	29.8	92	60	37-146	43	12	R1	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	100	87J	57J	87	57	61-139	42	12	M1,R1	
Trichloroethene	ug/L	ND	50	50	49.3	34.0	99	68	61-141	37	12	R1	
Trichlorofluoromethane	ug/L	ND	50	50	79.2	52.9	158	106	51-141	40	13	M1,R1	
Vinyl acetate	ug/L	ND	50	50	84.6J	52.9J	169	106	52-141	46	14	M1,R1	
Vinyl chloride	ug/L	ND	50	50	61.8	44.7	124	89	22-156	32	26	R1	
Xylene (Total)	ug/L	ND	150	150	163	112	109	75	78-132	37	7	RS	
1,2-Dichloroethane-d4 (S)	%						108	112	81-119				
4-Bromofluorobenzene (S)	%						105	106	82-120				
Dibromofluoromethane (S)	%						103	104	82-114				
Toluene-d8 (S)	%						93	98	82-109				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32178 Analysis Method: EPA 8081B
QC Batch Method: EPA 3510C Analysis Description: 8081 GCS Pesticides
Associated Lab Samples: 2620991001, 2620991002, 2620991015

METHOD BLANK: 144986 Matrix: Water

Associated Lab Samples: 2620991001, 2620991002, 2620991015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.10	07/22/19 18:59	
4,4'-DDE	ug/L	ND	0.10	07/22/19 18:59	
4,4'-DDT	ug/L	ND	0.10	07/22/19 18:59	
Aldrin	ug/L	ND	0.10	07/22/19 18:59	
alpha-BHC	ug/L	ND	0.10	07/22/19 18:59	
beta-BHC	ug/L	ND	0.10	07/22/19 18:59	
Chlordane (Technical)	ug/L	ND	0.50	07/22/19 18:59	
delta-BHC	ug/L	ND	0.10	07/22/19 18:59	
Dieldrin	ug/L	ND	0.10	07/22/19 18:59	
Endosulfan I	ug/L	ND	0.50	07/22/19 18:59	
Endosulfan II	ug/L	ND	0.50	07/22/19 18:59	
Endosulfan sulfate	ug/L	ND	0.50	07/22/19 18:59	
Endrin	ug/L	ND	0.20	07/22/19 18:59	
Endrin aldehyde	ug/L	ND	0.20	07/22/19 18:59	
gamma-BHC (Lindane)	ug/L	ND	0.10	07/22/19 18:59	
Heptachlor	ug/L	ND	0.10	07/22/19 18:59	
Heptachlor epoxide	ug/L	ND	0.10	07/22/19 18:59	
Isodrin	ug/L	ND	0.50	07/22/19 18:59	
Methoxychlor	ug/L	ND	0.10	07/22/19 18:59	
Toxaphene	ug/L	ND	2.0	07/22/19 18:59	
Decachlorobiphenyl (S)	%	100	10-157	07/22/19 18:59	
Tetrachloro-m-xylene (S)	%	90	19-148	07/22/19 18:59	

LABORATORY CONTROL SAMPLE: 144987

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	2.5	2.8	111	56-149	
4,4'-DDE	ug/L	2.5	2.7	109	54-138	
4,4'-DDT	ug/L	2.5	2.8	111	29-173	
Aldrin	ug/L	2.5	2.5	99	49-126	
alpha-BHC	ug/L	2.5	3.0	120	47-135	
beta-BHC	ug/L	2.5	2.7	108	57-136	
delta-BHC	ug/L	2.5	2.8	113	39-121	
Dieldrin	ug/L	2.5	2.5	102	56-129	
Endosulfan I	ug/L	2.5	2.5	98	57-135	
Endosulfan II	ug/L	2.5	2.8	112	60-142	
Endosulfan sulfate	ug/L	2.5	2.7	106	55-133	
Endrin	ug/L	2.5	2.8	110	58-148	
Endrin aldehyde	ug/L	2.5	2.7	106	57-131	
gamma-BHC (Lindane)	ug/L	2.5	2.9	115	48-135	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

LABORATORY CONTROL SAMPLE: 144987

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Heptachlor	ug/L	2.5	2.5	100	45-144	
Heptachlor epoxide	ug/L	2.5	2.4	97	56-131	
Isodrin	ug/L	2.5	2.6	103	46-147	
Methoxychlor	ug/L	2.5	2.7	109	47-166	
Decachlorobiphenyl (S)	%			99	10-157	
Tetrachloro-m-xylene (S)	%			90	19-148	

MATRIX SPIKE SAMPLE: 144988

Parameter	Units	2620991001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	ND	2.5	3.0	119	38-173	
4,4'-DDE	ug/L	ND	2.5	2.9	117	24-172	
4,4'-DDT	ug/L	ND	2.5	2.9	118	28-169	
Aldrin	ug/L	ND	2.5	2.8	112	25-152	
alpha-BHC	ug/L	ND	2.5	3.9	155	45-136	M1
beta-BHC	ug/L	ND	2.5	2.8	114	34-159	
delta-BHC	ug/L	ND	2.5	3.1	126	32-138	
Dieldrin	ug/L	ND	2.5	2.8	112	32-160	
Endosulfan I	ug/L	ND	2.5	2.8	110	48-151	
Endosulfan II	ug/L	ND	2.5	3.0	120	55-153	
Endosulfan sulfate	ug/L	ND	2.5	2.8	114	52-138	
Endrin	ug/L	ND	2.5	3.0	120	39-180	
Endrin aldehyde	ug/L	ND	2.5	2.8	113	29-164	
gamma-BHC (Lindane)	ug/L	ND	2.5	3.2	130	45-140	
Heptachlor	ug/L	ND	2.5	2.8	113	40-153	
Heptachlor epoxide	ug/L	ND	2.5	2.7	107	46-144	
Isodrin	ug/L	ND	2.5	2.9	115	10-184	
Methoxychlor	ug/L	ND	2.5	2.8	113	10-208	
Decachlorobiphenyl (S)	%				75	10-157	
Tetrachloro-m-xylene (S)	%				92	19-148	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32177 Analysis Method: EPA 8082A
QC Batch Method: EPA 3510C Analysis Description: 8082 GCS PCB
Associated Lab Samples: 2620991001, 2620991002, 2620991015

METHOD BLANK: 144982 Matrix: Water

Associated Lab Samples: 2620991001, 2620991002, 2620991015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	07/23/19 17:47	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	07/23/19 17:47	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	07/23/19 17:47	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	07/23/19 17:47	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	07/23/19 17:47	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	07/23/19 17:47	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	07/23/19 17:47	
Decachlorobiphenyl (S)	%	117	17-144	07/23/19 17:47	

LABORATORY CONTROL SAMPLE: 144983

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.2	84	47-120	
PCB-1260 (Aroclor 1260)	ug/L	5	4.4	89	51-126	
Decachlorobiphenyl (S)	%			91	17-144	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 144984 144985

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		2620991001 Result	Spike Conc.	Spike Conc.	Conc.								
PCB-1016 (Aroclor 1016)	ug/L	ND	5	5	5.0	5.2	100	105	10-183	4	18		
PCB-1260 (Aroclor 1260)	ug/L	ND	5	5	5.2	5.4	105	109	19-141	4	27		
Decachlorobiphenyl (S)	%						90	92	17-144				

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)
Pace Project No.: 2620991

QC Batch: 32243 Analysis Method: EPA 8151A
QC Batch Method: EPA 8151A Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 2620991001, 2620991002, 2620991015

METHOD BLANK: 145112 Matrix: Water
Associated Lab Samples: 2620991001, 2620991002, 2620991015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	ND	5.0	07/24/19 17:12	
2,4,5-TP (Silvex)	ug/L	ND	10.0	07/24/19 17:12	
2,4-D	ug/L	ND	5.0	07/24/19 17:12	
Dinoseb	ug/L	ND	5.0	07/24/19 17:12	
2,4-DCAA (S)	%	86	10-155	07/24/19 17:12	

LABORATORY CONTROL SAMPLE: 145113

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/L	10	5.3	53	31-150	
2,4,5-TP (Silvex)	ug/L	10	5.4J	54	35-138	
2,4-D	ug/L	10	5.1	51	29-145	
Dinoseb	ug/L	10	6.0	60	10-182	
2,4-DCAA (S)	%			72	10-155	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 145114 145115

Parameter	Units	2620991002 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Spike Conc.	MSD Spike Conc.	MS Result						
2,4,5-T	ug/L	ND	10	10	8.2	6.9	82	69	10-158	18	48	
2,4,5-TP (Silvex)	ug/L	ND	10	10	8.5J	7.4J	85	74	10-156		46	
2,4-D	ug/L	ND	10	10	8.2	6.6	82	66	10-156	21	49	
Dinoseb	ug/L	ND	10	10	9.3	8.2	93	82	10-174	13	56	
2,4-DCAA (S)	%						104	85	10-155			

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32159

Analysis Method: EPA 8270D

QC Batch Method: EPA 3510C

Analysis Description: 8270D MSSV Low Level

Associated Lab Samples: 2620991001, 2620991002, 2620991015

METHOD BLANK: 144930

Matrix: Water

Associated Lab Samples: 2620991001, 2620991002, 2620991015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.20	07/22/19 16:31	
Hexachlorobenzene	ug/L	ND	1.0	07/22/19 16:31	
Pentachlorophenol	ug/L	ND	1.0	07/22/19 16:31	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32158 Analysis Method: EPA 8270D
QC Batch Method: EPA 3510C Analysis Description: 8270D MSSV Extend
Associated Lab Samples: 2620991001, 2620991002, 2620991015

METHOD BLANK: 144927 Matrix: Water

Associated Lab Samples: 2620991001, 2620991002, 2620991015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	10.0	07/22/19 19:46	
1,2,4-Trichlorobenzene	ug/L	ND	10.0	07/22/19 19:46	
1,3,5-Trinitrobenzene	ug/L	ND	10.0	07/22/19 19:46	
1,3-Dinitrobenzene	ug/L	ND	10.0	07/22/19 19:46	
1,4-Naphthoquinone	ug/L	ND	50.0	07/22/19 19:46	
1-Naphthalenamine	ug/L	ND	50.0	07/22/19 19:46	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	07/22/19 19:46	
2,3,4,6-Tetrachlorophenol	ug/L	ND	20.0	07/22/19 19:46	
2,4,5-Trichlorophenol	ug/L	ND	10.0	07/22/19 19:46	
2,4,6-Trichlorophenol	ug/L	ND	10.0	07/22/19 19:46	
2,4-Dichlorophenol	ug/L	ND	10.0	07/22/19 19:46	
2,4-Dimethylphenol	ug/L	ND	10.0	07/22/19 19:46	
2,4-Dinitrophenol	ug/L	ND	50.0	07/22/19 19:46	
2,4-Dinitrotoluene	ug/L	ND	10.0	07/22/19 19:46	
2,6-Dichlorophenol	ug/L	ND	10.0	07/22/19 19:46	
2,6-Dinitrotoluene	ug/L	ND	10.0	07/22/19 19:46	
2-Acetylaminofluorene	ug/L	ND	10.0	07/22/19 19:46	
2-Chloronaphthalene	ug/L	ND	10.0	07/22/19 19:46	
2-Methylnaphthalene	ug/L	ND	10.0	07/22/19 19:46	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	07/22/19 19:46	
2-Naphthalenamine	ug/L	ND	10.0	07/22/19 19:46	
2-Nitroaniline	ug/L	ND	50.0	07/22/19 19:46	
2-Nitrophenol	ug/L	ND	10.0	07/22/19 19:46	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	07/22/19 19:46	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	07/22/19 19:46	
3,3'-Dimethylbenzidine	ug/L	ND	50.0	07/22/19 19:46	
3-Methylcholanthrene	ug/L	ND	50.0	07/22/19 19:46	
3-Nitroaniline	ug/L	ND	50.0	07/22/19 19:46	
4,6-Dinitro-2-methylphenol	ug/L	ND	50.0	07/22/19 19:46	
4-Aminobiphenyl	ug/L	ND	10.0	07/22/19 19:46	
4-Bromophenylphenyl ether	ug/L	ND	10.0	07/22/19 19:46	
4-Chloro-3-methylphenol	ug/L	ND	10.0	07/22/19 19:46	
4-Chloroaniline	ug/L	ND	20.0	07/22/19 19:46	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	07/22/19 19:46	
4-Nitroaniline	ug/L	ND	50.0	07/22/19 19:46	
4-Nitrophenol	ug/L	ND	50.0	07/22/19 19:46	
5-Nitro-o-toluidine	ug/L	ND	20.0	07/22/19 19:46	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	50.0	07/22/19 19:46	
Acenaphthene	ug/L	ND	10.0	07/22/19 19:46	
Acenaphthylene	ug/L	ND	10.0	07/22/19 19:46	
Acetophenone	ug/L	ND	10.0	07/22/19 19:46	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

METHOD BLANK: 144927

Matrix: Water

Associated Lab Samples: 2620991001, 2620991002, 2620991015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Anthracene	ug/L	ND	10.0	07/22/19 19:46	
Benzo(a)anthracene	ug/L	ND	10.0	07/22/19 19:46	
Benzo(b)fluoranthene	ug/L	ND	10.0	07/22/19 19:46	
Benzo(g,h,i)perylene	ug/L	ND	10.0	07/22/19 19:46	
Benzo(k)fluoranthene	ug/L	ND	10.0	07/22/19 19:46	
Benzyl alcohol	ug/L	ND	20.0	07/22/19 19:46	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	07/22/19 19:46	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	07/22/19 19:46	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	07/22/19 19:46	
Butylbenzylphthalate	ug/L	ND	10.0	07/22/19 19:46	
Chlorobenzilate	ug/L	ND	10.0	07/22/19 19:46	
Chrysene	ug/L	ND	10.0	07/22/19 19:46	
Di-n-butylphthalate	ug/L	ND	10.0	07/22/19 19:46	
Di-n-octylphthalate	ug/L	ND	10.0	07/22/19 19:46	
Diallate	ug/L	ND	50.0	07/22/19 19:46	
Dibenz(a,h)anthracene	ug/L	ND	10.0	07/22/19 19:46	
Dibenzofuran	ug/L	ND	10.0	07/22/19 19:46	
Diethylphthalate	ug/L	ND	10.0	07/22/19 19:46	
Dimethoate	ug/L	ND	50.0	07/22/19 19:46	
Dimethylphthalate	ug/L	ND	10.0	07/22/19 19:46	
Disulfoton	ug/L	ND	10.0	07/22/19 19:46	
Ethyl methanesulfonate	ug/L	ND	50.0	07/22/19 19:46	
Famphur	ug/L	ND	10.0	07/22/19 19:46	
Fluoranthene	ug/L	ND	10.0	07/22/19 19:46	
Fluorene	ug/L	ND	10.0	07/22/19 19:46	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	07/22/19 19:46	
Hexachlorocyclopentadiene	ug/L	ND	10.0	07/22/19 19:46	
Hexachloroethane	ug/L	ND	10.0	07/22/19 19:46	
Hexachloropropene	ug/L	ND	10.0	07/22/19 19:46	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	07/22/19 19:46	
Isophorone	ug/L	ND	10.0	07/22/19 19:46	
Isosafrole	ug/L	ND	50.0	07/22/19 19:46	
Kepone	ug/L	ND	20.0	07/22/19 19:46	
Methapyrilene	ug/L	ND	50.0	07/22/19 19:46	
Methyl methanesulfonate	ug/L	ND	50.0	07/22/19 19:46	
Methyl parathion	ug/L	ND	10.0	07/22/19 19:46	
N-Nitroso-di-n-butylamine	ug/L	ND	10.0	07/22/19 19:46	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	07/22/19 19:46	
N-Nitrosodiethylamine	ug/L	ND	10.0	07/22/19 19:46	
N-Nitrosodimethylamine	ug/L	ND	10.0	07/22/19 19:46	
N-Nitrosodiphenylamine	ug/L	ND	10.0	07/22/19 19:46	
N-Nitrosomethylethylamine	ug/L	ND	20.0	07/22/19 19:46	
N-Nitrosopiperidine	ug/L	ND	10.0	07/22/19 19:46	
N-Nitrosopyrrolidine	ug/L	ND	20.0	07/22/19 19:46	
Naphthalene	ug/L	ND	10.0	07/22/19 19:46	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

METHOD BLANK: 144927

Matrix: Water

Associated Lab Samples: 2620991001, 2620991002, 2620991015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrobenzene	ug/L	ND	10.0	07/22/19 19:46	
O,O,O-Triethylphosphorothioate	ug/L	ND	10.0	07/22/19 19:46	
O-Toluidine	ug/L	ND	10.0	07/22/19 19:46	
P-Dimethylaminoazobenzene	ug/L	ND	50.0	07/22/19 19:46	
p-Phenylenediamine	ug/L	ND	50.0	07/22/19 19:46	
Parathion (Ethyl parathion)	ug/L	ND	10.0	07/22/19 19:46	
Pentachlorobenzene	ug/L	ND	10.0	07/22/19 19:46	
Pentachloronitrobenzene	ug/L	ND	10.0	07/22/19 19:46	
Phenacetin	ug/L	ND	50.0	07/22/19 19:46	
Phenanthrene	ug/L	ND	10.0	07/22/19 19:46	
Phenol	ug/L	ND	10.0	07/22/19 19:46	
Phorate	ug/L	ND	10.0	07/22/19 19:46	
Pronamide	ug/L	ND	50.0	07/22/19 19:46	
Pyrene	ug/L	ND	10.0	07/22/19 19:46	
Safrole	ug/L	ND	50.0	07/22/19 19:46	
Thionazin	ug/L	ND	10.0	07/22/19 19:46	
2,4,6-Tribromophenol (S)	%	60	10-148	07/22/19 19:46	
2-Fluorobiphenyl (S)	%	64	12-129	07/22/19 19:46	
2-Fluorophenol (S)	%	29	10-64	07/22/19 19:46	
Nitrobenzene-d5 (S)	%	68	13-107	07/22/19 19:46	
p-Terphenyl-d14 (S)	%	99	14-147	07/22/19 19:46	
Phenol-d6 (S)	%	17	10-46	07/22/19 19:46	

LABORATORY CONTROL SAMPLE: 144928

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	80	50.1	63	52-96	
1,2,4-Trichlorobenzene	ug/L	80	41.6	52	20-123	
2,2'-Oxybis(1-chloropropane)	ug/L	80	46.4	58	22-129	
2,4,5-Trichlorophenol	ug/L	80	58.0	72	42-149	
2,4,6-Trichlorophenol	ug/L	80	59.2	74	43-150	
2,4-Dichlorophenol	ug/L	80	50.1	63	41-117	
2,4-Dimethylphenol	ug/L	80	50.8	64	25-108	
2,4-Dinitrophenol	ug/L	80	56.4	71	35-160	
2,4-Dinitrotoluene	ug/L	80	61.6	77	43-162	
2,6-Dinitrotoluene	ug/L	80	64.9	81	46-145	
2-Chloronaphthalene	ug/L	80	54.1	68	37-135	
2-Methylnaphthalene	ug/L	80	50.0	63	36-114	
2-Methylphenol(o-Cresol)	ug/L	80	35.5	44	10-114	
2-Nitroaniline	ug/L	80	66.5	83	22-161	
2-Nitrophenol	ug/L	80	51.1	64	42-116	
3&4-Methylphenol(m&p Cresol)	ug/L	80	31.6	40	10-110	
3,3'-Dichlorobenzidine	ug/L	80	69.2	86	34-148	
3-Nitroaniline	ug/L	80	52.5	66	37-156	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

LABORATORY CONTROL SAMPLE: 144928

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,6-Dinitro-2-methylphenol	ug/L	80	70.0	87	56-154	
4-Bromophenylphenyl ether	ug/L	80	61.9	77	48-153	
4-Chloro-3-methylphenol	ug/L	80	54.0	67	46-119	
4-Chloroaniline	ug/L	80	38.5	48	34-121	
4-Chlorophenylphenyl ether	ug/L	80	58.3	73	44-145	
4-Nitroaniline	ug/L	80	58.3	73	37-163	
4-Nitrophenol	ug/L	80	16.9J	21	15-45	
Acenaphthene	ug/L	80	58.2	73	37-138	
Acenaphthylene	ug/L	80	58.5	73	43-136	
Anthracene	ug/L	80	66.6	83	48-151	
Benzo(a)anthracene	ug/L	80	69.4	87	49-154	
Benzo(b)fluoranthene	ug/L	80	62.0	77	46-157	
Benzo(g,h,i)perylene	ug/L	80	76.1	95	50-161	
Benzo(k)fluoranthene	ug/L	80	63.3	79	48-158	
Benzyl alcohol	ug/L	80	29.8	37	21-124	
bis(2-Chloroethoxy)methane	ug/L	80	55.8	70	29-120	
bis(2-Chloroethyl) ether	ug/L	80	49.8	62	23-126	
bis(2-Ethylhexyl)phthalate	ug/L	80	67.4	84	40-156	
Butylbenzylphthalate	ug/L	80	65.6	82	40-163	
Chrysene	ug/L	80	68.2	85	49-155	
Di-n-butylphthalate	ug/L	80	77.0	96	48-160	
Di-n-octylphthalate	ug/L	80	60.6	76	65-144	
Dibenz(a,h)anthracene	ug/L	80	75.5	94	44-165	
Dibenzofuran	ug/L	80	57.3	72	45-135	
Diethylphthalate	ug/L	80	64.2	80	38-162	
Dimethylphthalate	ug/L	80	63.4	79	44-150	
Fluoranthene	ug/L	80	78.4	98	53-156	
Fluorene	ug/L	80	58.5	73	45-142	
Hexachloro-1,3-butadiene	ug/L	80	35.3	44	27-92	
Hexachlorocyclopentadiene	ug/L	80	39.5	49	23-123	
Hexachloroethane	ug/L	80	35.3	44	19-91	
Indeno(1,2,3-cd)pyrene	ug/L	80	77.7	97	43-171	
Isophorone	ug/L	80	55.9	70	18-137	
N-Nitroso-di-n-propylamine	ug/L	80	52.6	66	12-148	
N-Nitrosodimethylamine	ug/L	80	22.9	29	12-83	
N-Nitrosodiphenylamine	ug/L	80	68.2	85	50-130	
Naphthalene	ug/L	80	48.2	60	35-106	
Nitrobenzene	ug/L	80	55.1	69	22-115	
Phenanthrene	ug/L	80	66.3	83	49-146	
Phenol	ug/L	80	16.1	20	18-48	
Pyrene	ug/L	80	66.8	84	50-146	
2,4,6-Tribromophenol (S)	%			77	10-148	
2-Fluorobiphenyl (S)	%			70	12-129	
2-Fluorophenol (S)	%			28	10-64	
Nitrobenzene-d5 (S)	%			68	13-107	
p-Terphenyl-d14 (S)	%			86	14-147	
Phenol-d6 (S)	%			16	10-46	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

MATRIX SPIKE SAMPLE: 144967		2620991002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	80	47.5	59	52-96	
1,2,4-Trichlorobenzene	ug/L	ND	80	48.6	61	10-127	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	80	52.3	65	22-129	
2,4,5-Trichlorophenol	ug/L	ND	80	58.7	73	42-149	
2,4,6-Trichlorophenol	ug/L	ND	80	57.0	71	43-150	
2,4-Dichlorophenol	ug/L	ND	80	56.3	70	41-117	
2,4-Dimethylphenol	ug/L	ND	80	53.8	67	25-108	
2,4-Dinitrophenol	ug/L	ND	80	73.6	92	35-160	
2,4-Dinitrotoluene	ug/L	ND	80	75.1	94	43-162	
2,6-Dinitrotoluene	ug/L	ND	80	73.0	91	60-125	
2-Chloronaphthalene	ug/L	ND	80	51.9	65	37-135	
2-Methylnaphthalene	ug/L	ND	80	58.2	73	36-114	
2-Methylphenol(o-Cresol)	ug/L	ND	80	38.1	48	10-114	
2-Nitroaniline	ug/L	ND	80	74.2	93	22-161	
2-Nitrophenol	ug/L	ND	80	57.4	72	42-116	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	80	33.0	41	10-110	
3,3'-Dichlorobenzidine	ug/L	ND	80	75.7	95	34-148	
3-Nitroaniline	ug/L	ND	80	61.1	76	37-156	
4,6-Dinitro-2-methylphenol	ug/L	ND	80	82.6	103	56-154	
4-Bromophenylphenyl ether	ug/L	ND	80	71.1	89	48-153	
4-Chloro-3-methylphenol	ug/L	ND	80	61.9	77	44-118	
4-Chloroaniline	ug/L	ND	80	43.4	54	34-121	
4-Chlorophenylphenyl ether	ug/L	ND	80	67.3	84	44-145	
4-Nitroaniline	ug/L	ND	80	72.0	90	37-163	
4-Nitrophenol	ug/L	ND	80	19.4J	24	10-54	
Acenaphthene	ug/L	ND	80	62.8	78	40-124	
Acenaphthylene	ug/L	ND	80	62.9	79	43-136	
Anthracene	ug/L	ND	80	70.8	89	48-151	
Benzo(a)anthracene	ug/L	ND	80	75.1	94	49-154	
Benzo(b)fluoranthene	ug/L	ND	80	67.7	85	46-157	
Benzo(g,h,i)perylene	ug/L	ND	80	87.6	110	50-161	
Benzo(k)fluoranthene	ug/L	ND	80	66.4	83	48-158	
Benzyl alcohol	ug/L	ND	80	32.0	40	21-124	
bis(2-Chloroethoxy)methane	ug/L	ND	80	60.6	76	29-120	
bis(2-Chloroethyl) ether	ug/L	ND	80	55.8	70	23-126	
bis(2-Ethylhexyl)phthalate	ug/L	ND	80	76.3	95	40-156	
Butylbenzylphthalate	ug/L	ND	80	76.9	96	40-163	
Chrysene	ug/L	ND	80	73.1	91	49-155	
Di-n-butylphthalate	ug/L	ND	80	73.1	91	40-163	
Di-n-octylphthalate	ug/L	ND	80	71.4	89	65-144	
Dibenz(a,h)anthracene	ug/L	ND	80	85.3	107	44-165	
Dibenzofuran	ug/L	ND	80	64.6	81	45-135	
Diethylphthalate	ug/L	ND	80	74.7	93	38-162	
Dimethylphthalate	ug/L	ND	80	70.7	88	44-150	
Fluoranthene	ug/L	ND	80	66.8	83	53-156	
Fluorene	ug/L	ND	80	69.4	87	45-142	
Hexachloro-1,3-butadiene	ug/L	ND	80	41.6	52	27-92	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

MATRIX SPIKE SAMPLE: 144967		2620991002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	ND	80	41.2	52	23-123	
Hexachloroethane	ug/L	ND	80	41.0	51	19-91	
Indeno(1,2,3-cd)pyrene	ug/L	ND	80	89.0	111	43-171	
Isophorone	ug/L	ND	80	63.6	79	18-137	
N-Nitroso-di-n-propylamine	ug/L	ND	80	60.3	75	39-106	
N-Nitrosodimethylamine	ug/L	ND	80	24.5	31	12-83	
N-Nitrosodiphenylamine	ug/L	ND	80	72.9	91	50-130	
Naphthalene	ug/L	ND	80	54.3	68	35-106	
Nitrobenzene	ug/L	ND	80	61.9	77	22-115	
Phenanthrene	ug/L	ND	80	70.1	88	49-146	
Phenol	ug/L	ND	80	14.4	18	20-42	M1
Pyrene	ug/L	ND	80	83.4	104	52-131	
2,4,6-Tribromophenol (S)	%				85	10-148	
2-Fluorobiphenyl (S)	%				64	12-129	
2-Fluorophenol (S)	%				27	10-64	
Nitrobenzene-d5 (S)	%				74	13-107	
p-Terphenyl-d14 (S)	%				94	14-147	
Phenol-d6 (S)	%				16	10-46	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32175 Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
Associated Lab Samples: 2620991041, 2620991042

METHOD BLANK: 144977 Matrix: Water

Associated Lab Samples: 2620991041, 2620991042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	07/22/19 14:58	

LABORATORY CONTROL SAMPLE: 144978

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	200	189	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 144979 144980

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		2620980001 Result	Spike Conc.	Spike Conc.	Result						
Chemical Oxygen Demand	mg/L	1110	200	200	1320	1320	108	105	90-110	1	10

MATRIX SPIKE SAMPLE: 144981

Parameter	Units	2620967001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L		225	200	433	104	90-110

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)
Pace Project No.: 2620991

QC Batch: 32108 Analysis Method: SM 4500-S2 D
QC Batch Method: SM 4500-S2 D Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 2620991001, 2620991002, 2620991015

METHOD BLANK: 144609 Matrix: Water
Associated Lab Samples: 2620991001, 2620991002, 2620991015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	ND	1.0	07/19/19 17:15	

LABORATORY CONTROL SAMPLE: 144610

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	.54J	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 144611 144612

Parameter	Units	2620809001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	.54J	.53J	107	106	30-129	1	10	

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32552 Analysis Method: EPA 9014 Cyanide
QC Batch Method: EPA 9010C Analysis Description: 9014 Cyanide
Associated Lab Samples: 2620991001, 2620991002, 2620991015, 2620991041, 2620991042

METHOD BLANK: 146351 Matrix: Water
Associated Lab Samples: 2620991001, 2620991002, 2620991015, 2620991041, 2620991042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.020	07/26/19 14:04	

LABORATORY CONTROL SAMPLE: 146352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.08	0.077	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 146353 146354

Parameter	Units	2620991001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	ND	0.08	0.08	0.076	0.078	93	95	85-119	2	13	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 32444 Analysis Method: EPA 9056A
QC Batch Method: EPA 9056A Analysis Description: 9056 IC Anions
Associated Lab Samples: 2620991041, 2620991042

METHOD BLANK: 145880 Matrix: Water

Associated Lab Samples: 2620991041, 2620991042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	07/25/19 17:16	

LABORATORY CONTROL SAMPLE: 145881

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	9.6	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 145882 145883

Parameter	Units	2620720016		2620720017		2620720018		% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
Chloride	mg/L	2.8	10	10	12.8	13.1	100	104	90-110	3	15

MATRIX SPIKE SAMPLE: 145884

Parameter	Units	2620720017 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	13.7	10	23.4	97	90-110	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

QC Batch: 488710 Analysis Method: EPA 9060A
 QC Batch Method: EPA 9060A Analysis Description: 9060 TOC, AVL
 Associated Lab Samples: 2620991041, 2620991042

METHOD BLANK: 2637914 Matrix: Water

Associated Lab Samples: 2620991041, 2620991042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	07/27/19 00:48	
Total Organic Carbon	mg/L	ND	1.0	07/27/19 00:48	
Total Organic Carbon	mg/L	ND	1.0	07/27/19 00:48	
Total Organic Carbon	mg/L	ND	1.0	07/27/19 00:48	
Total Organic Carbon	mg/L	ND	1.0	07/27/19 00:48	

LABORATORY CONTROL SAMPLE: 2637915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	24.8	99	75-125	
Total Organic Carbon	mg/L	25	24.6	98	75-125	
Total Organic Carbon	mg/L	25	24.7	99	75-125	
Total Organic Carbon	mg/L	25	24.8	99	75-125	
Total Organic Carbon	mg/L	25	25.2	101	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2637916 2637917

Parameter	Units	2620991041 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Spike Conc.	MSD Spike Conc.	MS Result						
Mean Total Organic Carbon	mg/L	ND	25	25	24.8	24.8	95	95	75-125	0	25	
Total Organic Carbon	mg/L	1.0	25	25	25.0	24.7	96	95	75-125	1	25	
Total Organic Carbon	mg/L	ND	25	25	24.8	24.7	96	95	75-125	0	25	
Total Organic Carbon	mg/L	1.0	25	25	24.7	24.8	95	95	75-125	1	25	
Total Organic Carbon	mg/L	ND	25	25	24.7	24.8	95	96	75-125	0	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-A Pace Analytical Services - Asheville

PASI-GA Pace Analytical Services - Atlanta, GA

ANALYTE QUALIFIERS

1A All analytes in the sample were diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits. The non-diluted sample was not run due to the extract's physical characteristics.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

RS The RPD value in one of the constituent analytes was outside the control limits.

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2620991001	GWA-1	EPA 8011	32292	EPA 8011	32402
2620991002	GWA-2	EPA 8011	32292	EPA 8011	32402
2620991015	GWC-12R	EPA 8011	32292	EPA 8011	32402
2620991001	GWA-1	EPA 3510C	32178	EPA 8081B	32220
2620991002	GWA-2	EPA 3510C	32178	EPA 8081B	32220
2620991015	GWC-12R	EPA 3510C	32178	EPA 8081B	32220
2620991001	GWA-1	EPA 3510C	32177	EPA 8082A	32304
2620991002	GWA-2	EPA 3510C	32177	EPA 8082A	32304
2620991015	GWC-12R	EPA 3510C	32177	EPA 8082A	32304
2620991001	GWA-1	EPA 8151A	32243	EPA 8151A	32398
2620991002	GWA-2	EPA 8151A	32243	EPA 8151A	32398
2620991015	GWC-12R	EPA 8151A	32243	EPA 8151A	32398
2620991001	GWA-1	EPA 3005A	32162	EPA 6020B	32198
2620991002	GWA-2	EPA 3005A	32162	EPA 6020B	32198
2620991003	GWC-1	EPA 3005A	32162	EPA 6020B	32198
2620991004	GWC-2	EPA 3005A	32162	EPA 6020B	32198
2620991005	GWC-3	EPA 3005A	32162	EPA 6020B	32198
2620991006	GWC-4	EPA 3005A	32162	EPA 6020B	32198
2620991007	GWC-5	EPA 3005A	32162	EPA 6020B	32198
2620991008	GWC-6	EPA 3005A	32162	EPA 6020B	32198
2620991009	GWC-7	EPA 3005A	32162	EPA 6020B	32198
2620991010	GWC-7A	EPA 3005A	32162	EPA 6020B	32198
2620991011	GWC-8	EPA 3005A	32162	EPA 6020B	32198
2620991012	GWC-9	EPA 3005A	32162	EPA 6020B	32198
2620991013	GWC-10D	EPA 3005A	32162	EPA 6020B	32198
2620991014	GWC-11	EPA 3005A	32162	EPA 6020B	32198
2620991015	GWC-12R	EPA 3005A	32162	EPA 6020B	32198
2620991016	GWC-13R	EPA 3005A	32162	EPA 6020B	32198
2620991017	GWC-14R	EPA 3005A	32162	EPA 6020B	32198
2620991018	GWC-15	EPA 3005A	32162	EPA 6020B	32198
2620991020	GWC-16	EPA 3005A	32162	EPA 6020B	32198
2620991021	GWC-17	EPA 3005A	32162	EPA 6020B	32198
2620991022	GWC-18	EPA 3005A	32289	EPA 6020B	32339
2620991023	GWC-19	EPA 3005A	32289	EPA 6020B	32339
2620991024	GWC-20	EPA 3005A	32289	EPA 6020B	32339
2620991025	GWC-21	EPA 3005A	32289	EPA 6020B	32339
2620991026	GWC-24	EPA 3005A	32289	EPA 6020B	32339
2620991027	GWC-25	EPA 3005A	32289	EPA 6020B	32339
2620991028	GWC-26	EPA 3005A	32289	EPA 6020B	32339
2620991029	GWC-27	EPA 3005A	32289	EPA 6020B	32339
2620991030	GWC-28	EPA 3005A	32289	EPA 6020B	32339
2620991031	GWC-29	EPA 3005A	32289	EPA 6020B	32339
2620991032	SWC-1	EPA 3005A	32289	EPA 6020B	32339
2620991033	SWC-2	EPA 3005A	32289	EPA 6020B	32339
2620991034	SWC-5	EPA 3005A	32289	EPA 6020B	32339
2620991035	SWC-6	EPA 3005A	32289	EPA 6020B	32339

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Eagle Point LF 058-012D(SL)
Pace Project No.: 2620991

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2620991036	SWC-7	EPA 3005A	32289	EPA 6020B	32339
2620991037	SWC-10	EPA 3005A	32289	EPA 6020B	32339
2620991038	SWC-12	EPA 3005A	32289	EPA 6020B	32339
2620991039	Field Blank	EPA 3005A	32289	EPA 6020B	32339
2620991041	SWA-1	EPA 3005A	32289	EPA 6020B	32339
2620991042	SWC-9	EPA 3005A	32289	EPA 6020B	32339
2620991041	SWA-1	EPA 3005A	32377	EPA 6020B	32389
2620991042	SWC-9	EPA 3005A	32377	EPA 6020B	32389
2620991001	GWA-1	EPA 7470A	32250	EPA 7470A	32273
2620991002	GWA-2	EPA 7470A	32250	EPA 7470A	32273
2620991015	GWC-12R	EPA 7470A	32250	EPA 7470A	32273
2620991041	SWA-1	EPA 7470A	32250	EPA 7470A	32273
2620991042	SWC-9	EPA 7470A	32250	EPA 7470A	32273
2620991001	GWA-1	EPA 3510C	32159	EPA 8270D	32221
2620991002	GWA-2	EPA 3510C	32159	EPA 8270D	32221
2620991015	GWC-12R	EPA 3510C	32159	EPA 8270D	32221
2620991001	GWA-1	EPA 3510C	32158	EPA 8270D	32227
2620991002	GWA-2	EPA 3510C	32158	EPA 8270D	32227
2620991015	GWC-12R	EPA 3510C	32158	EPA 8270D	32227
2620991001	GWA-1	EPA 8260B	32168		
2620991002	GWA-2	EPA 8260B	32168		
2620991003	GWC-1	EPA 8260B	32168		
2620991004	GWC-2	EPA 8260B	32168		
2620991005	GWC-3	EPA 8260B	32168		
2620991006	GWC-4	EPA 8260B	32168		
2620991007	GWC-5	EPA 8260B	32255		
2620991008	GWC-6	EPA 8260B	32255		
2620991009	GWC-7	EPA 8260B	32255		
2620991010	GWC-7A	EPA 8260B	32255		
2620991011	GWC-8	EPA 8260B	32255		
2620991012	GWC-9	EPA 8260B	32255		
2620991013	GWC-10D	EPA 8260B	32255		
2620991014	GWC-11	EPA 8260B	32255		
2620991015	GWC-12R	EPA 8260B	32255		
2620991016	GWC-13R	EPA 8260B	32255		
2620991017	GWC-14R	EPA 8260B	32255		
2620991018	GWC-15	EPA 8260B	32255		
2620991019	GWC-16	EPA 8260B	32255		
2620991021	GWC-17	EPA 8260B	32255		
2620991022	GWC-18	EPA 8260B	32255		
2620991023	GWC-19	EPA 8260B	32255		
2620991024	GWC-20	EPA 8260B	32255		
2620991025	GWC-21	EPA 8260B	32255		
2620991026	GWC-24	EPA 8260B	32255		
2620991027	GWC-25	EPA 8260B	32255		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Eagle Point LF 058-012D(SL)

Pace Project No.: 2620991

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2620991028	GWC-26	EPA 8260B	32269		
2620991029	GWC-27	EPA 8260B	32269		
2620991030	GWC-28	EPA 8260B	32269		
2620991031	GWC-29	EPA 8260B	32269		
2620991032	SWC-1	EPA 8260B	32269		
2620991033	SWC-2	EPA 8260B	32269		
2620991034	SWC-5	EPA 8260B	32269		
2620991035	SWC-6	EPA 8260B	32269		
2620991036	SWC-7	EPA 8260B	32269		
2620991037	SWC-10	EPA 8260B	32269		
2620991038	SWC-12	EPA 8260B	32269		
2620991039	Field Blank	EPA 8260B	32269		
2620991040	Trip Blank	EPA 8260B	32269		
2620991041	SWA-1	EPA 410.4	32175	EPA 410.4	32185
2620991042	SWC-9	EPA 410.4	32175	EPA 410.4	32185
2620991001	GWA-1	SM 4500-S2 D	32108		
2620991002	GWA-2	SM 4500-S2 D	32108		
2620991015	GWC-12R	SM 4500-S2 D	32108		
2620991001	GWA-1	EPA 9010C	32552	EPA 9014 Cyanide	32560
2620991002	GWA-2	EPA 9010C	32552	EPA 9014 Cyanide	32560
2620991015	GWC-12R	EPA 9010C	32552	EPA 9014 Cyanide	32560
2620991041	SWA-1	EPA 9010C	32552	EPA 9014 Cyanide	32560
2620991042	SWC-9	EPA 9010C	32552	EPA 9014 Cyanide	32560
2620991041	SWA-1	EPA 9056A	32444		
2620991042	SWC-9	EPA 9056A	32444		
2620991041	SWA-1	EPA 9060A	488710		
2620991042	SWC-9	EPA 9060A	488710		

REPORT OF LABORATORY ANALYSIS

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CHAIN OF CUSTODY RECORD

Pace Analytical Services, Inc.
 110 TECHNOLOGY PARKWAY, PEACHTREE CORNERS, GA 30092
 (770) 734-4200 : FAX (770) 734-4201

CLIENT NAME: Advanced Disposal Services CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Colonial Center Pkwy, Ste 230 Roswell, GA 30076 904/504-8559 ATTENTION: Mr. Michael Stowe REQUESTED COMPLETION DATE: _____ PROJECT NAME/STATE: Eagle Point Landfill Semi-Annual PROJECT #: 058-012D(SL)		CONTAINER TYPE P - PLASTIC A - AMBER GLASS G - CLEAR GLASS V - VOA VIAL S - STERILE O - OTHER		PRESERVATION 1 - HCl, 4° 2 - H2SO4, 4° 3 - HNO3, 4° 4 - NaOH, 4° 5 - NaOH/ZnAc, 4° 6 - Na2S2O3, 4° 7 - 4°							
ANALYSIS REQUESTED P V V P P A P P 3 1 7 3 7 4 5 # of CONTAINERS →		MATRIX CODES: DW - DRINKING WATER S - SOIL WW - WASTEWATER SL - SLUDGE GW - GROUNDWATER SD - SOLID SW - SURFACE WATER A - AIR ST - STORM WATER L - LIQUID W - WATER P - PRODUCT		REMARKS/ADDITIONAL INFORMATION							
CONTAINER TYPE L A B I D N U M B E R ↓	ANALYSIS REQUESTED P V V P P A P P 3 1 7 3 7 4 5 # of CONTAINERS →	DATE/TIME: 7/18/19 13:10 RELINQUISHED BY: <i>Michael Stowe</i>	DATE/TIME: 7/18/19 13:10 RELINQUISHED BY:	LAB #: 2620991 ENTERED INTO LIMS: _____ TRACKING #: _____							
Collection DATE 7/17/19 7/16 7/15 7/15 7/15 7/18 7/18 7/17 7/15 7/15	Collection TIME 1221 1216 0954 1028 1112 0854 0915 1956 1218 1154	MATRIX CODE* GW GW GW GW GW GW GW GW GW	COMPL X X X X X X X X X	SAMPLE IDENTIFICATION GWA-1 GWA-2 GWC-1 GWC-2 GWC-3 GWC-4 GWC-5 GWC-6 GWC-7 GWC-7A	App I VOCs (8260) 3 3 3 3 3 3 3 3 3 3	App II VOC (8260) 3 3 3 3 3 3 3 3 3	App II VOC (8011) 3 3 3 3 3 3 3 3 3	App II Metals 3 3 3 3 3 3 3 3 3	App II BNA, Pest/PCB, Herb 6 6 6 6 6 6 6 6 6	App II Cyanide 1 1 1 1 1 1 1 1 1	App II Sulfide 1 1 1 1 1 1 1 1 1
SAMPLED BY AND TITLE: NWalker / 6 Journer RECEIVED BY: _____		DATE/TIME: See Above DATE/TIME: _____	DATE/TIME: _____ DATE/TIME: _____	FOR LAB USE ONLY WO#: 2620991 							
RECEIVED BY LAB: <i>Michael Stowe</i> DATE/TIME: 7/18/19 13:10 TEMPERATURE: _____ PH CHECKED: _____ YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		UPS <input checked="" type="checkbox"/> FED-EX <input type="checkbox"/> USPS <input type="checkbox"/> DESTROY SEAL: <input checked="" type="checkbox"/> INTACT <input type="checkbox"/> BROKEN <input type="checkbox"/> MISSING <input type="checkbox"/>	COURIER _____ # of Coolers _____	CLIENT _____ COOLER ID: _____	OTHER FS _____						



CHAIN OF CUSTODY RECORD

Pace Analytical Services, Inc.
 110 TECHNOLOGY PARKWAY, PEACHTREE CORNERS, GA 30092
 (770) 734-4200 : FAX (770) 734-4201

CLIENT NAME: Advanced Disposal Services		CONTAINER TYPE		PRESERVATION			
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Colonial Center Pkwy, Ste 230 Roswell, GA 30076 904/504-8559		P - PLASTIC A - AMBER GLASS G - CLEAR GLASS V - VOA VIAL S - STERILE O - OTHER		1 - HCl, 4° 2 - H2SO4, 4° 3 - HNO3, 4° 4 - NaOH, 4° 5 - NaOH/ZnAc, 4° 6 - Na2S2O3, 4° 7 - 4°			
ATTENTION: Mr. Michael Slowe		MATRIX CODES:		DW - DRINKING WATER S - SOIL WW - WASTEWATER SL - SLUDGE GW - GROUNDWATER SD - SOLID SW - SURFACE WATER A - AIR ST - STORM WATER L - LIQUID W - WATER P - PRODUCT			
REQUESTED COMPLETION DATE: _____		PROJECT NAME/STATE: Eagle Point Landfill Semi-Annual		REMARKS/ADDITIONAL INFORMATION			
PROJECT #: 058-012D(SL)		PROJECT #: _____					
Collection DATE	Collection TIME	MATRIX CODE*	C O M P	SAMPLE IDENTIFICATION	ANALYSIS REQUESTED	CONTAINER TYPE	PRESERVATION
7/18/19	0851	GW	X	GW-C-8	App I VOCs (8260)	3	1
7/17	1235	GW	X	GW-C-9	App I VOCs (8260)	3	1
7/17	1543	GW	X	GW-C-10D	App I VOCs (8260)	3	1
7/15	1307	GW	X	GW-C-11	App I VOCs (8260)	3	1
7/17	1010	GW	X	GW-C-12R	App I VOCs (8260)	3	1
7/15	1347	GW	X	GW-C-13R	App I VOCs (8260)	3	1
7/17	1054	GW	X	GW-C-14R	App I VOCs (8260)	3	1
7/15	1421	GW	X	GW-C-15	App I VOCs (8260)	3	1
7/17	1515	GW	X	GW-C-16	App I VOCs (8260)	3	1
7/18	0940	GW	X	L →	App I Metals	1	1
SAMPLED BY AND TITLE: N. Slowe for Wears		DATE/TIME: See Above		RELINQUISHED BY: <i>Michael Slowe</i>		DATE/TIME: 7/18/19 1310	
RECEIVED BY: _____		DATE/TIME: _____		RELINQUISHED BY: _____		DATE/TIME: _____	
RECEIVED BY LAB: _____		DATE/TIME: 7/19/19 13:10		SAMPLE SHIPPED VIA: _____		DATE/TIME: _____	
Checked: _____		Temperature: _____		UPS _____		DATE/TIME: _____	
Yes _____		Min: 1:7 Max: _____		FED-EX _____		DATE/TIME: _____	
NA _____		Min: _____ Max: _____		USPS _____		DATE/TIME: _____	
NA _____		Min: _____ Max: _____		COURIER _____		DATE/TIME: _____	
NA _____		Min: _____ Max: _____		# of Coolers _____		DATE/TIME: _____	
NA _____		Min: _____ Max: _____		Cooler ID: _____		DATE/TIME: _____	
NA _____		Min: _____ Max: _____		Client _____		DATE/TIME: _____	
NA _____		Min: _____ Max: _____		Other FS _____		DATE/TIME: _____	
NA _____		Min: _____ Max: _____		Tracking # _____		DATE/TIME: _____	
NA _____		Min: _____ Max: _____		Entered into LIMS: _____		DATE/TIME: _____	

WO#: 2620991
 PM: EDB Due Date: 07/29/19
 CLIENT: Adv Disp Svc



CHAIN OF CUSTODY RECORD

Pace Analytical Services, Inc.
 110 TECHNOLOGY PARKWAY, PEACHTREE CORNERS, GA 30092
 (770) 734-4200 : FAX (770) 734-4201

CLIENT NAME: Advanced Disposal Services		ANALYSIS REQUESTED		CONTAINER TYPE P - PLASTIC A - AMBER GLASS G - CLEAR GLASS V - VOA VIAL S - STERILE O - OTHER		PRESERVATION 1 - HCl, 4° 2 - H2SO4, 4° 3 - HNO3, 4° 4 - NaOH, 4° 5 - NaOH/ZNAC, 4° 6 - Na2S2O3, 4° 7 - 4°	
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 300 Colonial Center Pkwy, Ste 230 Roswell, GA 30076 904/504-8559		CONTAINER TYPE/V PRESERVATION 1 3		L A B		*MATRIX CODES: DW - DRINKING WATER S - SOIL WW - WASTEWATER SL - SLUDGE GW - GROUNDWATER SD - SOLID SW - SURFACE WATER A - AIR ST - STORM WATER L - LIQUID W - WATER P - PRODUCT	
ATENTION: Mr. Michael Stowe		PROJECT NAME/STATE: Eagle Point Landfill Semi-Annual		I D N U M B E E R		REMARKS/ADDITIONAL INFORMATION	
REQUESTED COMPLETION DATE: Std		PROJECT #: 058-012D(SL)		CONTAINERS			
Collection DATE		Collection TIME		MATRIX CODE*		GRA B	
Sample Identification							
7/16/A	1255	GW	X	GW-17	4	3	1
7/16	1219	GW	X	GW-18	4	3	1
7/16	0933	GW	X	GW-19	4	3	1
7/16	0958	GW	X	GW-20	4	3	1
7/17	1310	GW	X	GW-21	4	3	1
7/16	1024	GW	X	GW-24	4	3	1
7/16	1050	GW	X	GW-25	4	3	1
7/16	1130	GW	X	GW-26	4	3	1
7/16	1040	GW	X	GW-27	4	3	1
7/16	1112	GW	X	GW-28	4	3	1
SAMPLED BY AND TITLE: See Above		DATE/TIME:		RELINQUISHED BY: <i>[Signature]</i>		DATE/TIME: 7/18/19 1310	
RECEIVED BY:		DATE/TIME:		RELINQUISHED BY:		DATE/TIME:	
RECEIVED BY LAB: <i>[Signature]</i>		DATE/TIME: 7/18/19 1310		CLIENT:		OTHER FS:	
Temperature:		Min: 1.7		Max:		Cooler ID:	
Intact:		Broken:		Missing:		# of Coolers:	
LAB #:		FOR LAB USE ONLY		Entered Into LIMS:		Freighting #:	

NO# : 2620991
 PNI: EDB Due Date: 07/29/19
 CLIENT: Adv. Disp Svc

Sample Condition Upon Receipt



Client Name: ADS Project # _____

WO# : 2620991
 PM: EDB Due Date: 07/29/19
 CLIENT: Adv Disp Svc

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used 83 Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 1.7 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 7/18/19 MR

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: <input checked="" type="checkbox"/> VOA, coliform, <input checked="" type="checkbox"/> TOC, O&G, WI-DRO (water)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

APPENDIX B
Summary Tables of Groundwater Analytical Results

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-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	
Specific Conductance	uS/cm (on-site)	1	-	-	44	82	41	34	37	27	67	80	144	71	83	Dry	36	42	Dry	40	NP	35	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	
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	
Total Antimony (Sb)	(ug/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	
Total Arsenic (As)	(ug/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	
Total Barium (Ba)	(ug/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
Total Beryllium (Be)	(ug/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
Total Cadmium (Cd)	(ug/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
Total Chromium (Cr)	(ug/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
Total Cobalt (Co)	(ug/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
Total Copper (Cu)	(ug/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
Total Lead (Pb)	(ug/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
Total Nickel (Ni)	(ug/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
Total Selenium (Se)	(ug/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
Total Silver (Ag)	(ug/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
Total Thallium (Tl)	(ug/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
Total Vanadium (V)	(ug/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
Total Zinc (Zn)	(ug/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
Acetone	(ug/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
Acrylonitrile	(ug/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
Benzene	(ug/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
Bromochloromethane	(ug/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
Bromodichloromethane *	(ug/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
Bromoform *	(ug/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
Carbon Disulfide	(ug/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
Bromomethane (Methylbromide)	(ug/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
Carbon tetrachloride	(ug/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
Chlorobenzene	(ug/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
Chloroethane	(ug/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
Chloroform *	(ug/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
Chloromethane (Methylchloride)	(ug/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
Dibromochloromethane *	(ug/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
Dibromomethane	(ug/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
1,2-Dichlorobenzene	(ug/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
1,4-Dichlorobenzene	(ug/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
trans-1,4-Dichloro-2butene	(ug/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
1,1-Dichloroethane	(ug/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
1,2-Dichloroethane	(ug/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
1,1-Dichloroethene (ethylene)	(ug/l)	2	2	7	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
cis-1,2-Dichloroethene (ethylene)	(ug/l)	2	2	70	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
trans-1,2-Dichloroethene (ethylene)																																						

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #16 (7-2-08)

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	FIELD BLANK				
pH	pH units (on-site)	-	-	-	6.16	6.12	5	4.56	3.53	4.71	3.95	5.65	6.14	5.68	5.2	4.57	5.23	5.5	Dry	5.44	NP	5.2	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Specific Conductance	uS/cm (on-site)	1	-	-	62	96	34	17	17	34	57	47	95	75	22	24	40	26	Dry	28	NP	44	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Temperature	°C (on-site)	-	-	-	18.7	20.9	16.6	15.3	15.3	16.6	16.6	18.7	16.9	19.7	18.3	20.3	18	19.4	Dry	17.3	NP	16.6	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Turbidity	NTU (on-site)	0.1	-	-	6.48	14	29	31	19	27	74	3.28	5.72	12	12	5.26	19	13	Dry	19	NP	31	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Antimony (Sb)	(ug/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Arsenic (As)	(ug/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Barium (Ba)	(ug/l)	20	20	2000	120	100	20	40	40	ND	50	40	ND	30	20	30	140	30	Dry	60	NP	130	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Beryllium (Be)	(ug/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Cadmium (Cd)	(ug/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Chromium (Cr)	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Cobalt (Co)	(ug/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Copper (Cu)	(ug/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Lead (Pb)	(ug/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Silver (Ag)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Thallium (Tl)	(ug/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Vanadium (V)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Zinc (Zn)	(ug/l)	20	20	NE	ND	ND	ND	30	ND	ND	20	ND	ND	ND	ND	20	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Acetone	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Acrylonitrile	(ug/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Benzene	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromochloromethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromodichloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromoform *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Carbon tetrachloride	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chlorobenzene	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Dibromochloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Dibromomethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,2-Dichlorobenzene	(ug/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,4-Dichlorobenzene	(ug/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,1-Dichloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,2-Dichloroethane	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
1,1-Dichloroethene (ethylene)	(ug/l)	2	2	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
cis-1,2-Dichloroethene (ethylene)	(ug/l)	2	2	70	ND	ND	ND	ND	ND</																														

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

TEST	UNITS	LAB MDL	GA PQL	GA MCL	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	FIELD BLANK					
pH	pH units (on-site)	-	-	-	5.23	5.22	5.81	5.33	4.96	5.14	4.58	5.8	6.51	6.32	4.03	4.84	5.09	Dry	Dry	Dry	NP	5.4	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP			
Specific Conductance	uS/cm (on-site)	1	-	-	13	23	23	11	9	19	152	119	86	71	19	27	37	Dry	Dry	Dry	NP	30	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Temperature	°C (on-site)	-	-	-	16.4	16.5	15.2	15.6	16	17.5	17.1	16.7	16.9	15.6	17.6	16.6	17.6	Dry	Dry	Dry	NP	16.9	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Turbidity	NTU (on-site)	0.1	-	-	4	4	6	7	3	5	31	0	25	1	0	0	0	Dry	Dry	Dry	NP	8	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Total Antimony (Sb)	(ug/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Total Arsenic (As)	(ug/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Barium (Ba)	(ug/l)	20	20	2000	ND	ND	ND	ND	ND	ND	52	56	26	26	26	35	ND	Dry	Dry	Dry	NP	53	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Beryllium (Be)	(ug/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Cadmium (Cd)	(ug/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Chromium (Cr)	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Cobalt (Co)	(ug/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Copper (Cu)	(ug/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Lead (Pb)	(ug/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Silver (Ag)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Thallium (Tl)	(ug/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Vanadium (V)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Total Zinc (Zn)	(ug/l)	20	20	NE	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Acetone	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Acrylonitrile	(ug/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Benzene	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromochloromethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromodichloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromofrom *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Carbon tetrachloride	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chlorobenzene	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Dibromochloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Dibromomethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,2-Dichlorobenzene	(ug/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,4-Dichlorobenzene	(ug/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,1-Dichloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,2-Dichloroethane	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
1,1-Dichloroethene (ethylene)	(ug/l)	2	2	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
cis-1,2-Dichloroethene (ethylene)	(ug/l)	2	2	70	ND	ND	ND																																	

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #21 (1-7-11)

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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	FIELD BLANK	
pH	pH units (on-site)	-	-	-	3.59	5.79	5.91	5.66	5.18	5.43	4.92	5.83	6.84	6.74	3.87	4.38	Dry	Dry		6.39	5.95	NP	5	6.11	5.39	5.51	7.18	7.12	Dry	NP	NP	NP	NP	NP	NP	ND
Specific Conductance	uS/cm (on-site)	1	-	-	12	22	36	19	18	30	49	73	80	34	24	Dry	Dry		95	77	NP	32	34	39	48	160	180	Dry	NP	NP	NP	NP	NP	NP	NP	ND
Temperature	°C (on-site)	-	-	-	14.1	14.7	14.4	14.7	14.4	14.7	16.4	16.8	18.7	16.3	14.6	14	Dry	Dry		13.6	13.1	NP	13.1	15.6	13.1	14.2	14.2	13.9	Dry	NP	NP	NP	NP	NP	NP	ND
Turbidity	NTU (on-site)	0.1	-	-	29	8	7	0	0	0	0	0	7	0	9	25	Dry	Dry		367	19	NP	0	9	2	74	0	0	Dry	NP	NP	NP	NP	NP	NP	ND
Total Antimony (Sb)	(ug/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Arsenic (As)	(ug/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Barium (Ba)	(ug/l)	20	20	2000	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	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Beryllium (Be)	(ug/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Cadmium (Cd)	(ug/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Chromium (Cr)	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Cobalt (Co)	(ug/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Copper (Cu)	(ug/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Lead (Pb)	(ug/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Silver (Ag)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Thallium (Tl)	(ug/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Vanadium (V)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Total Zinc (Zn)	(ug/l)	20	20	NE	ND	ND	ND	ND	22.6	ND	ND	ND	ND	ND	ND	26.2	Dry	Dry		27.4	ND	NP	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Acetone	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Acrylonitrile	(ug/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Benzene	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Bromochloromethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Bromodichloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Bromofrom *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Carbon tetrachloride	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Chlorobenzene	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Chloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Dibromochloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
Dibromomethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
1,2-Dichlorobenzene	(ug/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
1,4-Dichlorobenzene	(ug/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
1,1-Dichloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
1,2-Dichloroethane	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
1,1-Dichloroethane (ethylene)	(ug/l)	2	2	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
cis-1,2-Dichloroethane (ethylene)	(ug/l)	2	2	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
trans-1,2-Dichloroethane (ethylene)	(ug/l)	2	2	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
1,2-Dichloropropane	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
cis-1,3-Dichloropropene (propylene)	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry		ND	ND	NP	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	ND	
trans-1,3-Dichloropropene (propylene)	(ug/l)	2	2	NE																																

**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-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	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	NT
Specific Conductance	uS/cm (on-site)	1	-	-	9	18	28	15	15	24	37	94	105	88	109	Dry	Dry	Dry	23	149	68	NP	13	41	40	Dry	63	156	57	NP	NP	NP	NP	NP	NP	NT
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	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	NT
Turbidity	NTU (on-site)	0.1	-	-	80	0	10	25	7	3	0	0	5	0	7	Dry	Dry	Dry	41	191	0	NP	321	170	26	Dry	116	8	119	NP	NP	NP	NP	NP	NP	NT
Total Antimony (Sb)	(ug/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Arsenic (As)	(ug/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Barium (Ba)	(ug/l)	20	20	2000	22.6	ND	ND	24.1	22.8	21	36.6	69.1	ND	28.3	65.9	Dry	Dry	Dry	33	104	22	NP	53.5	61.6	36.1	Dry	23.5	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Beryllium (Be)	(ug/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Cadmium (Cd)	(ug/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Chromium (Cr)	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Cobalt (Co)	(ug/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Copper (Cu)	(ug/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Lead (Pb)	(ug/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Silver (Ag)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Thallium (Tl)	(ug/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Vanadium (V)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Total Zinc (Zn)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NT
Acetone	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Acrylonitrile	(ug/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Benzene	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Bromochloromethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Bromodichloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Bromoform *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Carbon tetrachloride	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Chlorobenzene	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Chloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Dibromochloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
Dibromomethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
1,2-Dichlorobenzene	(ug/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
1,4-Dichlorobenzene	(ug/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
1,1-Dichloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
1,2-Dichloroethane	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
1,1-Dichloroethane (ethylene)	(ug/l)	2	2	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
cis-1,2-Dichloroethane (ethylene)	(ug/l)	2	2	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
trans-1,2-Dichloroethane (ethylene)	(ug/l)	2	2	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	ND
1,2-Dichloropropane	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP				

Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #24 (7-6-12)

TEST	UNITS	GWC																											FIELD BLANK												
		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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29						
pH	pH units (on-site)	-	-	-	4.59	4.9	5.51	4.94	4.61	4.8	5.36	5.39	6.36	6.21	5.61	Dry	5.31	Dry	6.05	5.48	NP	5.46	4.7	4.8	Dry	6.91	7.21	5.95	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT			
Specific Conductance	uS/cm (on-site)	1	-	-	15	19	36	17	19	26	55	73	85	72	94	Dry	34	Dry	200	74	NP	37	36	46	Dry	55	138	60	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT	
Temperature	°C (on-site)	-	-	-	19.3	16.8	19.5	17.1	16.2	12.9	20	19	19.1	21.3	17.1	Dry	16.9	Dry	17.5	18.8	NP	19	17	16.3	Dry	18.2	17.1	16.9	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT	
Turbidity	NTU (on-site)	0.1	-	-	45	10	8	10	7	0	18	0	20	6	4	Dry	7	Dry	160	3	NP	8	8	0	Dry	683	5	71	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT	
Total Antimony (Sb)	(ug/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT	
Total Arsenic (As)	(ug/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Barium (Ba)	(ug/l)	20	20	2000	ND	ND	ND	20.3	22.9	21.4	33.3	66.8	20.9	29.3	58.9	Dry	22.5	Dry	74.4	22	NP	61.3	25.4	ND	Dry	33.8	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Beryllium (Be)	(ug/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Cadmium (Cd)	(ug/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Chromium (Cr)	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Cobalt (Co)	(ug/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Copper (Cu)	(ug/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Lead (Pb)	(ug/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Silver (Ag)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Thallium (Tl)	(ug/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Vanadium (V)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Total Zinc (Zn)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	21.5	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Acetone	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Acrylonitrile	(ug/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Benzene	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Bromochloromethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Bromodichloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Bromofom *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Carbon tetrachloride	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Chlorobenzene	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Chloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Dibromochloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
Dibromomethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
1,2-Dichlorobenzene	(ug/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
1,4-Dichlorobenzene	(ug/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
1,1-Dichloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NT
1,2-Dichloroethane	(ug/l)	2	2																																						

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #25 (1-9-13)**

TEST	UNITS	LAB	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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	FIELD BLANK		
pH	pH units (on-site)	-	-	-	5.13	5.42	5.45	5.64	5.25	4.89	4.6	5.42	6.47	6.31	4.51	Dry	5.57	5.23	6.51	5.98	NP	5.4	5.39	5.17	Dry	7.32	7.69	5.82	NP	NP	NP	NP	NP	NP	NP	NT	
Specific Conductance	uS/cm (on-site)	1	-	-	11	23	31	18	18	26	45	79	86	71	92	Dry	34	67	142	96	NP	123	34	46	Dry	55	182	28	NP	NP	NP	NP	NP	NP	NP	NT	
Temperature	°C (on-site)	-	-	-	14.5	14.5	14.58	14.7	14.4	11.8	12.5	17.55	16.68	17.27	15.56	Dry	13.12	12.03	13.8	12.6	NP	15.8	12.43	13.1	Dry	15	14.3	15	NP	NP	NP	NP	NP	NP	NP	NT	
Turbidity	NTU (on-site)	0.1	-	-	36	10	8	6	10	9	17	10	7	10	7	10	Dry	10	261	76	10	NP	49	210	15	Dry	118	7	142	NP	NP	NP	NP	NP	NP	NP	NT
Total Antimony (Sb)	(ug/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	ND	
Total Arsenic (As)	(ug/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Barium (Ba)	(ug/l)	20	20	2000	ND	ND	ND	20.8	21.8	ND	37	71	26.3	28.7	58.5	Dry	22.3	118	31.9	25.5	NP	72.2	86.6	22.7	Dry	26.4	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Beryllium (Be)	(ug/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Cadmium (Cd)	(ug/l)	5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Chromium (Cr)	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Cobalt (Co)	(ug/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Copper (Cu)	(ug/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Lead (Pb)	(ug/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Nickel (Ni)	(ug/l)	20	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Silver (Ag)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Thallium (Tl)	(ug/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Vanadium (V)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Total Zinc (Zn)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Acetone	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Acrylonitrile	(ug/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Benzene	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromochloromethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromodichloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromofrom *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Carbon tetrachloride	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chlorobenzene	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Dibromochloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
Dibromomethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,2-Dichlorobenzene	(ug/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,4-Dichlorobenzene	(ug/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,1-Dichloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,2-Dichloroethane	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
1,1-Dichloroethane (ethylene)	(ug/l)	2	2	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
cis-1,2-Dichloroethane (ethylene)	(ug/l)	2	2	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	ND
trans-1,2-Dichloroethane (ethylene)	(ug/l)	2	2	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	NP	ND	ND	ND	Dry	ND	ND	ND	NP	NP							

**Eagle Point MSW Landfill - Forsyth Co., GA
Groundwater Sampling Event #36 (7-25-18)**

TEST	UNITS	LAB/MDL	GA PQL	GA MCL	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10D	GWC-11	GWC-12R	GWC-13R	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	FIELD BLANK
pH	pH units (on-site)	-	-	-	4.07	4.62	5.32	5.22	3.9	3.67	4.45	4.61	5.94	5.75	4.65	4.63	4.53	4.31	5.41	5.92	5.93	4.42	4.18	4.55	3.86	5.37	6.82	4.31	6.08	4.62	4.66	NP	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	11	21	29	24	15	22	63	66	79	68	64	358	34	233	423	88	694	40	103	67	16	40	116	29	32	45	20	NP	NP	NP	NT
Temperature	°C (on-site)	-	-	-	15.9	16.3	16.9	18	15.8	19.5	19.5	23	22.2	22.7	20.9	22.1	19.7	17.1	18.9	15.8	23.3	18.9	16.9	17.8	18.4	17.2	18.2	18.8	19.1	17.2	17.8	NP	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	3	3	10	3	4	3	1	1	0	0	0	2	1	2	3	3	1	9	1	3	10	7	8	0	6	82	6	NP	NP	NP	NT
Total Antimony (Sb)	(ug/l)	6	6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND
Total Arsenic (As)	(ug/l)	10	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND
Total Barium (Ba)	(ug/l)	20	20	2000	ND	ND	ND	ND	ND	ND	41	70	ND	29	51	550	31	230	64	28	350	84	80	28	22	ND	ND	ND	ND	280	ND	NP	NP	NP	ND
Total Beryllium (Be)	(ug/l)	3	3	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND
Total Cadmium (Cd)	(ug/l)	5	5	5	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	NP	NP	NP	NP	ND
Total Chromium (Cr)	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND
Total Cobalt (Co)	(ug/l)	40	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	250	ND	ND	67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND
Total Copper (Cu)	(ug/l)	20	60	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND
Total Lead (Pb)	(ug/l)	15	15	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND
Total Nickel (Ni)	(ug/l)	20	20	100	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	NP	NP	NP	NP	ND
Total Selenium (Se)	(ug/l)	10	10	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND
Total Silver (Ag)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	
Total Thallium (Tl)	(ug/l)	2	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	
Total Vanadium (V)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	
Total Zinc (Zn)	(ug/l)	20	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	220	ND	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	68	ND	NP	NP	NP	ND
Acetone	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND	
Acrylonitrile	(ug/l)	50	50	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Benzene	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Bromochloromethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Bromodichloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Bromoform *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Carbon Disulfide	(ug/l)	5	5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Bromomethane (Methylbromide)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Carbon tetrachloride	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Chlorobenzene	(ug/l)	10	10	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Chloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Chloroform *	(ug/l)	2	2	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Chloromethane (Methylchloride)	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Dibromochloromethane *	(ug/l)	10	10	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Dibromomethane	(ug/l)	10	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
1,2-Dichlorobenzene	(ug/l)	10	10	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
1,4-Dichlorobenzene	(ug/l)	10	10	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
trans-1,4-Dichloro-2butene	(ug/l)	100	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
1,1-Dichloroethane	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
1,2-Dichloroethane	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
1,1-Dichloroethene (-ethylene)	(ug/l)	2	2	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
cis-1,2-Dichloroethene (-ethylene)	(ug/l)	2	2	70	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	NP	NP	NP	NP	ND		
trans-1,2-Dichloroethene (-ylene)	(ug/l)	2	2	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	ND		
1,2-Dichloropropane	(ug/l)	2	2	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
cis-1,3-Dichloropropene (-propylene)	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
trans-1,3-Dichloropropene (-propylene)	(ug/l)	2	2	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	ND		
Ethylbenzene	(ug/l)	2	2	700	ND																														

APPENDIX C
Summary Tables of Underdrain Analytical Results

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

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.35	NP	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	75	NP	NP	NP	NT
Temperature	°C (on-site)	-	-	-	17.1	NP	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	2.47	NP	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	NP	NP	NP	ND
Total Arsenic (As)	(µg/l)	50	10	10	ND	NP	NP	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	50	NP	NP	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	NP	NP	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	NP	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	NP	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	NP	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	NP	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	NP	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	NP	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	30	NP	NP	NP	ND
Acetone	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	NP	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	NP	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	NP	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	NP	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Toluene	(µg/l)	2	2	1000	13	NP	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	NP	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	NP	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	NP	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	NP	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	NP	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #5 (2-28-03)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.1	NP	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	69	NP	NP	NP	NT
Temperature	°C (on-site)	-	-	-	12.6	NP	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	7.13	NP	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	NP	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	NP	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	60	NP	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	NP	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	NP	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	NP	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	NP	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	NP	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	NP	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	NP	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	NP	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	NP	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	NP	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	NP	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	80	NP	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	NP	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	NP	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	NP	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	NP	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	NP	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	NP	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	NP	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	NP	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	NP	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	NP	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #6 (7-23-03)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.83	NP	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	60	NP	NP	NP	NT
Temperature	°C (on-site)	-	-	-	18.6	NP	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	2.51	NP	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	NP	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	NP	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	30	NP	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	NP	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	NP	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	NP	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	NP	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	NP	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	NP	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	NP	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	NP	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	NP	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	NP	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	NP	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	30	NP	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	6	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	NP	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	NP	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	NP	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	NP	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	NP	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	NP	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	NP	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	NP	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	NP	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	NP	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

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

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.21	NP	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	91	NP	NP	NP	NT
Temperature	°C (on-site)	-	-	-	12.2	NP	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	3.38	NP	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	NP	NP	NP	ND
Total Arsenic (As)	(µg/l)	50	10	10	ND	NP	NP	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	40	NP	NP	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	NP	NP	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	60	NP	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	NP	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	NP	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	NP	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	NP	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	NP	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	NP	NP	NP	ND
Acetone	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	NP	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	NP	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	NP	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	NP	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	NP	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	NP	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	NP	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	NP	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	NP	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	NP	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #8 (7-7-04)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.08	NP	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	64	NP	NP	NP	NT
Temperature	°C (on-site)	-	-	-	17.8	NP	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	24	NP	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	NP	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	NP	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	40	NP	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	NP	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	NP	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	NP	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	NP	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	NP	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	NP	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	NP	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	NP	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	NP	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	NP	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	NP	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	NP	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	NP	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	NP	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	NP	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	NP	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	NP	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	NP	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	NP	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	NP	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	NP	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	NP	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	NP	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	NP	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	NP	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	NP	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	NP	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	NP	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	NP	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	NP	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	NP	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	NP	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	NP	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	NP	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	NP	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #9 (1-12-05)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.12	6.22	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	55	107	NP	NP	NT
Temperature	°C (on-site)	-	-	-	16.9	13.5	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	64	6.92	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	40	ND	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	50	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #10 (7-21-05)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.08	6.71	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	287	171	NP	NP	NT
Temperature	°C (on-site)	-	-	-	19.5	27.3	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	22	8.22	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	30	30	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	40	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #11 (1-18-06)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.47	6.56	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	137	65	NP	NP	NT
Temperature	°C (on-site)	-	-	-	12.9	6.1	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	270	14	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	ND	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	50	ND	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	40	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #12 (7-6-06)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	Dry	6.36	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	Dry	52	NP	NP	NT
Temperature	°C (on-site)	-	-	-	Dry	19.2	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	Dry	7.02	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	Dry	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	Dry	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	Dry	20	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	Dry	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	Dry	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	Dry	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	Dry	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	Dry	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	Dry	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	Dry	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	Dry	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	Dry	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	Dry	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	Dry	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	Dry	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	Dry	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	Dry	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	Dry	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	Dry	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	Dry	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	Dry	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	Dry	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	Dry	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	Dry	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	Dry	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	Dry	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	Dry	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	Dry	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	Dry	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	Dry	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	Dry	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

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

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.49	6.74	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	474	80	NP	NP	NT
Temperature	°C (on-site)	-	-	-	16.3	12.6	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	520	9.36	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	50	10	10	160	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	60	30	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #14 (7-11-07)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	Dry	6.43	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	Dry	87	NP	NP	NT
Temperature	°C (on-site)	-	-	-	Dry	19.8	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	Dry	4.65	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	Dry	ND	NP	NP	ND
Total Arsenic (As)	(µg/l)	50	10	10	Dry	ND	NP	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	Dry	20	NP	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	Dry	ND	NP	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	Dry	ND	NP	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	Dry	ND	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	Dry	ND	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	Dry	ND	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	Dry	ND	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	Dry	ND	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	Dry	ND	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	Dry	ND	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	Dry	ND	NP	NP	ND
Acetone	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	Dry	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	Dry	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	Dry	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	Dry	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	Dry	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	Dry	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	Dry	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	Dry	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	Dry	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	Dry	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	Dry	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	Dry	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	Dry	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	Dry	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	Dry	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	Dry	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #15 (1-3-08)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.69	6.54	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	173	149	NP	NP	NT
Temperature	°C (on-site)	-	-	-	13.3	9.2	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	34	0.3	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	50	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	50	30	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	80	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #16 (7-2-08)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6	4.92	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	173	118	NP	NP	NT
Temperature	°C (on-site)	-	-	-	21.8	17.8	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	>1000	5.77	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	ND	10	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	1100	30	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	7	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	20	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	150	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	50	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

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

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.11	6.19	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	224	139	NP	NP	NT
Temperature	°C (on-site)	-	-	-	13.5	11.9	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	195	22	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	NP	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	62	51	NP	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	NP	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	32	ND	NP	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	0.26	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	0.18	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #18 (7-6-09)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	Dry	4.48	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	Dry	160	NP	NP	NT
Temperature	°C (on-site)	-	-	-	Dry	19.2	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	Dry	0	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	Dry	ND	NP	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	Dry	ND	NP	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	Dry	37	NP	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	Dry	ND	NP	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	Dry	ND	NP	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	Dry	ND	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	Dry	ND	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	Dry	ND	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	Dry	ND	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	Dry	ND	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	Dry	ND	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	Dry	ND	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	Dry	ND	NP	NP	ND
Acetone	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	Dry	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	Dry	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	Dry	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	Dry	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	Dry	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	Dry	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	Dry	2.5	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	Dry	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	Dry	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	Dry	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	Dry	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	Dry	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	Dry	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	Dry	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	Dry	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	Dry	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	Dry	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	Dry	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	Dry	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	Dry	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	Dry	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	Dry	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	Dry	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #19 (1-6-10)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.89	5.8	NP	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	221	132	NP	NP	NT
Temperature	°C (on-site)	-	-	-	21.7	12.1	NP	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	27	8	NP	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	NP	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	23	ND	NP	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	43	32	NP	NP	23
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	NP	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	NP	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	NP	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	NP	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	NP	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	NP	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	NP	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	NP	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	NP	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	NP	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	NP	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	NP	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	NP	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	NP	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	NP	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	NP	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	NP	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	NP	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	NP	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	NP	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	NP	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	NP	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	NP	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	NP	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	NP	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	NP	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	NP	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	NP	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	NP	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	NP	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	NP	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6
11. SWC-5 was re-sampled on 4/23/10.

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #20 (7-8-10)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.02	5.6	Dry	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	200	146	Dry	NP	NT
Temperature	°C (on-site)	-	-	-	20.3	21	Dry	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	100	4	Dry	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	Dry	NP	NT
Total Arsenic (As)	(µg/l)	10	10	10	ND	ND	Dry	NP	NT
Total Barium (Ba)	(µg/l)	20	20	2000	66	33	Dry	NP	NT
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	Dry	NP	NT
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	Dry	NP	NT
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	Dry	NP	NT
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	Dry	NP	NT
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	Dry	NP	NT
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	Dry	NP	NT
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	Dry	NP	NT
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	Dry	NP	NT
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	Dry	NP	NT
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	Dry	NP	NT
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	Dry	NP	NT
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	Dry	NP	NT
Acetone	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	Dry	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	Dry	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	Dry	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	Dry	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	Dry	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	Dry	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	Dry	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	Dry	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	Dry	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	Dry	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	Dry	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	1	0.20	0.20	ND	ND	Dry	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	1	0.05	0.05	ND	ND	Dry	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	Dry	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6
11. SWC-5 was re-sampled on 9/28/10.

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #21 (1-7-11)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.22	5.1	Dry	NP	ND
Specific Conductance	uS/cm (on-site)	1	-	-	220	126	Dry	NP	ND
Temperature	°C (on-site)	-	-	-	19.9	19.8	Dry	NP	ND
Turbidity	NTU (on-site)	0.1	-	-	0	0	Dry	NP	ND
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	Dry	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	20.2	ND	Dry	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	40.9	34.2	Dry	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	Dry	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	Dry	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	Dry	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	Dry	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	Dry	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	Dry	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	Dry	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	Dry	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	Dry	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	Dry	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	Dry	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	2	Dry	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	Dry	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	Dry	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	Dry	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	Dry	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	Dry	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	Dry	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	Dry	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	Dry	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #22 (7-5-11)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.51	5.67	Dry	NP	ND
Specific Conductance	uS/cm (on-site)	1	-	-	415	141	Dry	NP	ND
Temperature	°C (on-site)	-	-	-	19.9	20.7	Dry	NP	ND
Turbidity	NTU (on-site)	0.1	-	-	26	25	Dry	NP	ND
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	Dry	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	27	17.9	Dry	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	42.3	34.7	Dry	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	Dry	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	Dry	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	Dry	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	Dry	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	Dry	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	Dry	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	Dry	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Carbon tetrachloride	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	Dry	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	Dry	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	Dry	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	Dry	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	2.7	Dry	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	Dry	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	Dry	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	Dry	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	Dry	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Vinyl acetate	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Vinyl chloride	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	Dry	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	Dry	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	Dry	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	Dry	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #23 (1-5-12)**

TEST	UNITS	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; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. NE = Not Established; GEPD has not established a MCL
9. MDL = Laboratory Method Detection Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6
11. SWC-6 was sampled on 10-10-12

Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #4th Quarter 2012 (10-10-12)

TEST	UNITS	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; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

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

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	5.96	5.45	Dry	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	263	177	Dry	NP	NT
Temperature	°C (on-site)	-	-	-	21.9	25.9	Dry	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	0	0	Dry	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	Dry	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	41.3	40.8	Dry	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	45.3	41.2	Dry	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	Dry	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	Dry	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	Dry	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	Dry	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	Dry	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	Dry	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	Dry	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	Dry	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	Dry	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	Dry	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	Dry	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	Dry	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	Dry	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	Dry	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	Dry	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	Dry	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	Dry	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	Dry	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	Dry	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	Dry	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	Dry	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	Dry	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	Dry	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	Dry	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	Dry	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	Dry	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	Dry	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	Dry	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	Dry	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	Dry	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

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

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.29	5.84	5.82	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	236	123	84	NP	NT
Temperature	°C (on-site)	-	-	-	13.8	18.4	13.6	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	0	0	0	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	30.7	66.3	14.6	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	44.6	46.7	20.8	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPA Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPA has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

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

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.69	7.07	6.89	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	188	144	93	NP	NT
Temperature	°C (on-site)	-	-	-	213	26.8	21	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	2	20	0	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	20.5	52.3	ND	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	46.6	42.3	ND	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; GEPD Rule 391-3-5-.18. Shaded cells indicate MCL exceedances.
6. * = Values for individual constituents must be combined; additive values of these "trihalomethanes" cannot exceed MCL = 80 µg/l
7. NE = Not Established; GEPD has not established a MCL
8. MDL = Laboratory Method Detection Limit
9. PQL = Practical Quantitation Limit
10. SWC-6A is a Surface Water location downgradient of SWC-6

**Eagle Point MSW Landfill - Forsyth Co., GA
Underdrain Sampling Event #33 (1-5-17)**

TEST	UNITS	LAB MDL	GA PQL	GA MCL	SWC-5	SWC-6	SWC-7	SWC-8	FIELD BLANK
pH	pH units (on-site)	-	-	-	6.46	6.15	5.90	NP	NT
Specific Conductance	uS/cm (on-site)	1	-	-	206	123	109	NP	NT
Temperature	°C (on-site)	-	-	-	19.7	21.4	20	NP	NT
Turbidity	NTU (on-site)	0.1	-	-	0	0	0	NP	NT
Total Antimony (Sb)	(µg/l)	6	6	6	ND	ND	ND	NP	ND
Total Arsenic (As)	(µg/l)	10	10	10	28.3	41.3	13	NP	ND
Total Barium (Ba)	(µg/l)	20	20	2000	46.5	44.8	ND	NP	ND
Total Beryllium (Be)	(µg/l)	3	3	4	ND	ND	ND	NP	ND
Total Cadmium (Cd)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
Total Chromium (Cr)	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Total Cobalt (Co)	(µg/l)	40	40	NE	ND	ND	ND	NP	ND
Total Copper (Cu)	(µg/l)	20	60	1300	ND	ND	ND	NP	ND
Total Lead (Pb)	(µg/l)	15	15	15	ND	ND	ND	NP	ND
Total Nickel (Ni)	(µg/l)	20	20	100	ND	ND	ND	NP	ND
Total Selenium (Se)	(µg/l)	10	10	50	ND	ND	ND	NP	ND
Total Silver (Ag)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Total Thallium (Tl)	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Total Vanadium (V)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Total Zinc (Zn)	(µg/l)	20	20	NE	ND	ND	ND	NP	ND
Acetone	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Acrylonitrile	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Benzene	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Bromochloromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Bromodichloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Bromoform *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Carbon Disulfide	(µg/l)	5	5	NE	ND	ND	ND	NP	ND
Bromomethane (Methylbromide)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Carbon Tetrachloride	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Chlorobenzene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
Chloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Chloroform *	(µg/l)	2	2	80	ND	ND	ND	NP	ND
Chloromethane (Methylchloride)	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Dibromochloromethane *	(µg/l)	10	10	80	ND	ND	ND	NP	ND
Dibromomethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2-Dichlorobenzene	(µg/l)	10	10	600	ND	ND	ND	NP	ND
1,4-Dichlorobenzene	(µg/l)	10	10	75	ND	ND	ND	NP	ND
trans-1,4-Dichloro-2butene	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
1,1-Dichloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,2-Dichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
1,1-Dichloroethene (-ethylene)	(µg/l)	2	2	7	ND	ND	ND	NP	ND
cis-1,2-Dichloroethene (-ethylene)	(µg/l)	2	2	70	ND	ND	ND	NP	ND
trans-1,2-Dichloroethene (-ylene)	(µg/l)	2	2	100	ND	ND	ND	NP	ND
1,2-Dichloropropane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
cis-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
trans-1,3-Dichloropropene (-propylene)	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Ethylbenzene	(µg/l)	2	2	700	ND	ND	ND	NP	ND
2-Hexanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Iodomethane	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Dichloromethane (Methylene chloride)	(µg/l)	5	5	5	ND	ND	ND	NP	ND
2-Butanone (Methyl ethyl ketone)	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
4-Methyl-2-Pentanone	(µg/l)	50	50	NE	ND	ND	ND	NP	ND
Styrene	(µg/l)	10	10	100	ND	ND	ND	NP	ND
1,1,1,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
1,1,2,2-Tetrachloroethane	(µg/l)	2	2	NE	ND	ND	ND	NP	ND
Tetrachloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Toluene	(µg/l)	2	2	1000	ND	ND	ND	NP	ND
1,1,1-Trichloroethane	(µg/l)	2	2	200	ND	ND	ND	NP	ND
1,1,2-Trichloroethane	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichloroethene (-ethylene)	(µg/l)	2	2	5	ND	ND	ND	NP	ND
Trichlorofluoromethane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
1,2,3-Trichloropropane	(µg/l)	10	10	NE	ND	ND	ND	NP	ND
Vinyl Acetate	(µg/l)	100	100	NE	ND	ND	ND	NP	ND
Vinyl Chloride	(µg/l)	2	2	2	ND	ND	ND	NP	ND
Xylenes	(µg/l)	5	5	10000	ND	ND	ND	NP	ND
1,2-Dibromo-3-chloropropane; DBCP	(µg/l)	25	0.20	0.20	ND	ND	ND	NP	ND
1,2-Dibromoethane; Ethylene dibromide	(µg/l)	5	0.05	0.05	ND	ND	ND	NP	ND
Total Trihalomethanes	(µg/l)	NA	100	80	ND	ND	ND	NP	ND

Notes:

1. ND = Not Detected at the method detection limit
2. NS = Not Sampled
3. NT = Not Tested
4. NP = Not Present during sampling event
5. MCL = Maximum Contaminant Level; 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

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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12
pH	pH Units	-	<6.0; >8.5	7.5	NP	NP	NP	7.2	7.98	NP	NP	6.78
Specific Conductance	µS/cm	-	NE	33	NP	NP	NP	31	24	NP	NP	34
Temperature	C	-	32.2	18.1	NP	NP	NP	24.6	20.4	NP	NP	20.6
Turbidity	NTU	-	NE	7.95	NP	NP	NP	3.94	8.18	NP	NP	32
Dissolved Oxygen (DO)	mg/l	-	<5	9.71	NP	NP	NP	NT	6.97	NP	NP	NT
Chloride (Cl)	mg/l	1	NE	1.1	NP	NP	NP	NT	1.2	NP	NP	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	52	NP	NP	NP	NT	25	NP	NP	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	NT	ND	NP	NP	NT
Total Organic Carbon (TOC)	mg/l	1	NE	1	NP	NP	NP	NT	1	NP	NP	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NP	NP	NP	NT	10	NP	NP	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NP	NP	NP	NT	20	NP	NP	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	20
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	ND	NP	NP	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	ND	NP	NP	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	40
Acetone	µg/l	100	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	ND	NT	NP	NP	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	ND	NT	NP	NP	15
Toluene	µg/l	2	200,000	NT	NP	NP	NP	ND	NT	NP	NP	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12
pH	pH Units	-	<6.0; >8.5	7.79	NP	NP	NP	6.94	7.91	NP	NP	6.49
Specific Conductance	µS/cm	-	NE	18	NP	NP	NP	21	17	NP	NP	41
Temperature	C	-	32.2	10.6	NP	NP	NP	9.7	9.9	NP	NP	12.8
Turbidity	NTU	-	NE	44	NP	NP	NP	2.78	47	NP	NP	38
Dissolved Oxygen (DO)	mg/l	-	<5	8.69	NP	NP	NP	NT	7.01	NP	NP	NT
Chloride (Cl)	mg/l	1	NE	1.5	NP	NP	NP	NT	1.2	NP	NP	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	27	NP	NP	NP	NT	8	NP	NP	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	NT	ND	NP	NP	NT
Total Organic Carbon (TOC)	mg/l	1	NE	1	NP	NP	NP	NT	1	NP	NP	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Zinc (Zn)	µg/l	10	65	110	NP	NP	NP	NT	ND	NP	NP	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	40
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	ND	NP	NP	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	ND	NP	NP	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	100	NT	NP	NP	140
Acetone	µg/l	100	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	ND	NT	NP	NP	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	ND	NT	NP	NP	27
Toluene	µg/l	2	200,000	NT	NP	NP	NP	ND	NT	NP	NP	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12
pH	pH Units	-	<6.0; >8.5	6.42	NP	NP	NP	6.44	6.37	NP	NP	6.18
Specific Conductance	µS/cm	-	NE	20	NP	NP	NP	11	17	NP	NP	24
Temperature	C	-	32.2	22.1	NP	NP	NP	19.3	22.5	NP	NP	20.3
Turbidity	NTU	-	NE	22	NP	NP	NP	2.11	11	NP	NP	10
Dissolved Oxygen (DO)	mg/l	-	<5	5.28	NP	NP	NP	NT	5.61	NP	NP	NT
Chloride (Cl)	mg/l	1	NE	1.6	NP	NP	NP	NT	1.5	NP	NP	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	9	NP	NP	NP	NT	ND	NP	NP	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	NT	ND	NP	NP	NT
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NP	NP	NP	NT	10	NP	NP	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NP	NP	NP	NT	ND	NP	NP	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	20
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	ND	NP	NP	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	ND	NP	NP	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	20	NT	NP	NP	30
Acetone	µg/l	100	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	ND	NT	NP	NP	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	ND	NT	NP	NP	8
Toluene	µg/l	2	200,000	NT	NP	NP	NP	ND	NT	NP	NP	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12
pH	pH Units	-	<6.0; >8.5	6.99	NP	NP	NP	6.29	6.85	NP	NP	6.62
Specific Conductance	µS/cm	-	NE	13	NP	NP	NP	27	18	NP	NP	14
Temperature	C	-	32.2	1	NP	NP	NP	12.4	10.4	NP	NP	12.7
Turbidity	NTU	-	NE	7.76	NP	NP	NP	2.85	8.21	NP	NP	124
Dissolved Oxygen (DO)	mg/l	-	<5	8.5	NP	NP	NP	NT	7.94	NP	NP	NT
Chloride (Cl)	mg/l	1	NE	1.5	NP	NP	NP	NT	1.9	NP	NP	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	NT	ND	NP	NP	NT
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Barium (Ba)	µg/l	10	NE	10	NP	NP	NP	NT	20	NP	NP	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NP	NP	NP	NT	ND	NP	NP	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NP	NP	NP	NT	40	NP	NP	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Barium (Ba)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	80
Total Beryllium (Be)	µg/l	3	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Chromium (Cr)	µg/l	10	NE	NT	NP	NP	NP	ND	NT	NP	NP	10
Total Cobalt (Co)	µg/l	40	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Copper (Cu)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Lead (Pb)	µg/l	15	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Nickel (Ni)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NP	NP	NP	ND	ND	NP	NP	ND
Total Selenium (Se)	µg/l	10	NE	ND	NP	NP	NP	ND	ND	NP	NP	ND
Total Silver (Ag)	µg/l	10	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	ND	NT	NP	NP	ND
Total Vanadium (V)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	30
Total Zinc (Zn)	µg/l	20	NE	NT	NP	NP	NP	ND	NT	NP	NP	110
Acetone	µg/l	100	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	ND	NT	NP	NP	ND
2-Butanone (MEK)	µg/l	100	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Carbon Disulfide	µg/l	5	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Toluene	µg/l	2	200,000	NT	NP	NP	NP	ND	NT	NP	NP	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	NP	NP	NP	ND	NT	NP	NP	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.15	NP	NP	NP	6.61	7.04	NP	NP	5.99	6.82
Specific Conductance	µS/cm	-	NE	24	NP	NP	NP	17	24	NP	NP	47	59
Temperature	C	-	32.2	24.3	NP	NP	NP	19.9	24.1	NP	NP	18.2	19.6
Turbidity	NTU	-	NE	21	NP	NP	NP	14	21	NP	NP	10	12
Dissolved Oxygen (DO)	mg/l	-	<5	7.93	NP	NP	NP	NT	8.17	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.3	NP	NP	NP	NT	2	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	NP	NP	NP	NP	NT	8	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NP	NP	NP	NT	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	NP	NP	NP	NP	NT	1	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NP	NP	NP	NT	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	NP	NP	NP	NP	NT	10	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NP	NP	NP	NT	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE ND	NP	NP	NP	NP	NT	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NP	NP	NP	NT	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NP	NP	NP	NT	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE ND	NP	NP	NP	NP	NT	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NP	NP	NP	NT	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	30	ND
Total Beryllium (Be)	µg/l	3	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	NP	NP	NP	NP	ND	ND	NP	NP	ND	ND
Total Selenium (Se)	µg/l	10	NE ND	NP	NP	NP	NP	ND	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	NP	NP	NP	ND	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	NP	NP	NP	ND	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	NP	NP	NP	NP	ND	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	NP	NP	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.54	6.55	6.73	NP	6.19	6.64	NP	NP	5.93	6.23
Specific Conductance	µS/cm	-	NE	25	177	111	NP	29	31	NP	NP	54	29
Temperature	C	-	32.2	11.5	12.9	13.3	NP	11.5	14.1	NP	NP	13	12.9
Turbidity	NTU	-	NE	5.14	7.01	4.96	NP	13	8.33	NP	NP	23	9.13
Dissolved Oxygen (DO)	mg/l	-	<5	6.5	NT	NT	NP	NT	5.79	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.2	NT	NT	NP	NT	2.2	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	7	NT	NT	NP	NT	7	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	1	NT	NT	NP	NT	1	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE	ND	NT	NT	NP	NT	20	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	20	ND	NP	ND	NT	NP	NP	30	ND
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	ND	ND	NP	ND	ND	NP	NP	ND	ND
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	30	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.66	6.73	6.71	NP	6.43	6.77	NP	NP	6.02	6.84
Specific Conductance	µS/cm	-	NE	29	177	176	NP	35	64	NP	NP	64	39
Temperature	C	-	32.2	22.5	27.3	27.7	NP	21.3	22.2	NP	NP	18.8	21.6
Turbidity	NTU	-	NE	61	11	11	NP	6.69	145	NP	NP	15	6.7
Dissolved Oxygen (DO)	mg/l	-	<5	4.44	NT	NT	NP	NT	3.62	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.2	NT	NT	NP	NT	1.6	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	ND	NT	NT	NP	NT	18	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	1	NT	NT	NP	NT	2	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	NT	NT	NT	NP	NT	20	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE ND	NT	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE ND	NT	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE NT	ND	30	NP	ND	NT	NP	NP	NP	20	ND
Total Beryllium (Be)	µg/l	3	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	NT	NT	NP	NT	ND	NP	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE ND	ND	ND	NP	ND	ND	NP	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Acetone	µg/l	100	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	9.14	7.51	6.53	NP	5.95	6.6	NP	NP	4.41	6.64
Specific Conductance	µS/cm	-	NE	38	301	65	NP	27	30	NP	NP	13.5	32
Temperature	C	-	32.2	7.7	6	5.7	NP	9.7	6.4	NP	NP	8.8	5.6
Turbidity	NTU	-	NE	149	57	36	NP	5.7	140	NP	NP	30	19
Dissolved Oxygen (DO)	mg/l	-	<5	6.69	NT	NT	NP	NT	6.53	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.7	NT	NT	NP	NT	1.5	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	33	NT	NT	NP	NT	50	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	2	NT	NT	NP	NT	3	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE	10	NT	NT	NP	NT	20	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	370	NT	NT	NP	NT	50	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	40	ND	NP	ND	NT	NP	NP	80	ND
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	60	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Specific Conductance	µS/cm	-	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Temperature	C	-	32.2	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Turbidity	NTU	-	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Dissolved Oxygen (DO)	mg/l	-	<5	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Chloride (Cl)	mg/l	1	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Chemical Oxygen Demand (COD)	mg/l	5	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Cyanide	mg/l	0.02	0.0052	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Organic Carbon (TOC)	mg/l	1	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Dissolved Arsenic (As)	µg/l	10	150	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Dissolved Barium (Ba)	µg/l	10	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Dissolved Cadmium (Cd)	µg/l	3	1.3	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Dissolved Chromium (Cr)	µg/l	5	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Dissolved Lead (Pb)	µg/l	15	1.2	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Dissolved Nickel (Ni)	µg/l	5	29	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Dissolved Silver (Ag)	µg/l	7	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Dissolved Zinc (Zn)	µg/l	10	65	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Antimony (Sb)	µg/l	6	4300	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Arsenic (As)	µg/l	50	50	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Barium (Ba)	µg/l	20	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Beryllium (Be)	µg/l	3	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Cadmium (Cd)	µg/l	5	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Chromium (Cr)	µg/l	10	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Cobalt (Co)	µg/l	40	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Copper (Cu)	µg/l	20	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Lead (Pb)	µg/l	15	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Nickel (Ni)	µg/l	20	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Mercury (Hg)	µg/l	0.5	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Selenium (Se)	µg/l	10	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Silver (Ag)	µg/l	10	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Thallium (Tl)	µg/l	2	6.3	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Vanadium (V)	µg/l	20	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Total Zinc (Zn)	µg/l	20	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Acetone	µg/l	100	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Benzene	µg/l	2	71	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
2-Butanone (MEK)	µg/l	100	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Carbon Disulfide	µg/l	5	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Toluene	µg/l	2	200,000	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
cis-1,2 Dichloroethene	µg/l	2	NE	NS	NS	NS	NP	NS	NS	NP	NP	NS	NS
Other Appendix I VOCs	µg/l	-	-	NS	NS	NS	NP	NS	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.48	Dry	Dry	NP	6.71	8.94	NP	NP	Dry	Dry
Specific Conductance	µS/cm	-	NE	16	Dry	Dry	NP	20	40	NP	NP	Dry	Dry
Temperature	C	-	32.2	22.9	Dry	Dry	NP	20.7	23.9	NP	NP	Dry	Dry
Turbidity	NTU	-	NE	18	Dry	Dry	NP	5.12	14	NP	NP	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	4.68	Dry	Dry	NP	NT	4.11	NP	NP	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.4	Dry	Dry	NP	NT	1.6	NP	NP	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	5	Dry	Dry	NP	NT	21	NP	NP	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1	Dry	Dry	NP	NT	2	NP	NP	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	Dry	Dry	NP	NT	10	NP	NP	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	NE	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	130	Dry	Dry	NP	NT	40	NP	NP	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	20	NT	NP	NP	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	ND	ND	NP	NP	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	ND	NP	NP	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Benzene	µg/l	2	71	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.61	7.07	7.54	NP	7.02	7.26	NP	NP	6.61	Dry
Specific Conductance	µS/cm	-	NE	44	501	98	NP	49	54	NP	NP	102	Dry
Temperature	C	-	32.2	7.5	12.1	11.2	NP	6.8	11	NP	NP	12.8	Dry
Turbidity	NTU	-	NE	8.79	32	22	NP	3.68	11	NP	NP	9.13	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	6.9	NT	NT	NP	NT	5.34	NP	NP	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.2	NT	NT	NP	NT	1.2	NP	NP	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	6	NT	NT	NP	NT	ND	NP	NP	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	NT	ND	NP	NP	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	NT	ND	NP	NP	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	Dry
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NT	NP	NT	ND	NP	NP	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	NT	ND	NP	NP	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	NT	ND	NP	NP	NT	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	NT	ND	NP	NP	NT	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	20	40	NP	ND	NT	NP	NP	20	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	ND	ND	NP	ND	ND	NP	NP	ND	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	ND	NP	NP	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Acetone	µg/l	100	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Benzene	µg/l	2	71	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Toluene	µg/l	2	200,000	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.72	Dry	Dry	NP	6.94	7.41	NP	NP	Dry	Dry
Specific Conductance	µS/cm	-	NE	26	Dry	Dry	NP	33	34	NP	NP	Dry	Dry
Temperature	C	-	32.2	22.6	Dry	Dry	NP	21	23.2	NP	NP	Dry	Dry
Turbidity	NTU	-	NE	60	Dry	Dry	NP	82	52	NP	NP	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	0.31	Dry	Dry	NP	NT	0.32	NP	NP	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.3	Dry	Dry	NP	NT	1.6	NP	NP	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	16	Dry	Dry	NP	NT	11	NP	NP	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Total Organic Carbon (TOC)	mg/l	0.5	NE	1.8	Dry	Dry	NP	NT	2.4	NP	NP	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	ND	Dry	Dry	NP	NT	10	NP	NP	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	NE	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	NT	ND	NP	NP	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	ND	NP	NP	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Benzene	µg/l	2	71	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	ND	NT	NP	NP	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.05	6.75	Dry	NP	6.6	7.48	NP	NP	Dry	6.14
Specific Conductance	µS/cm	-	NE	46	267	Dry	NP	41	42	NP	NP	Dry	331
Temperature	C	-	32.2	0.2	4.9	Dry	NP	2.1	2.1	NP	NP	Dry	0.2
Turbidity	NTU	-	NE	11	36	Dry	NP	6.42	5.53	NP	NP	Dry	2.12
Dissolved Oxygen (DO)	mg/l	-	<5	3.89	NT	NT	NP	NT	3.61	NP	NP	NT	NT
Chloride (Cl)	mg/l	0.1	NE	1.5	NT	NT	NP	NT	1.8	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	NT	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	NT	NT	NT	NP	NT	10	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	10	1.3	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	10	NE ND	NT	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	10	NE ND	NT	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Total Arsenic (As)	µg/l	10	50	NT	ND	Dry	NP	ND	NT	NP	NP	Dry	10
Total Barium (Ba)	µg/l	20	NE NT	NT	60	Dry	NP	ND	NT	NP	NP	Dry	20
Total Beryllium (Be)	µg/l	3	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	ND	Dry	NP	ND	ND	NP	NP	Dry	ND
Total Selenium (Se)	µg/l	10	NE ND	ND	ND	Dry	NP	ND	ND	NP	NP	Dry	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Total Zinc (Zn)	µg/l	20	NE NT	NT	220	Dry	NP	ND	NT	NP	NP	Dry	ND
Acetone	µg/l	100	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Benzene	µg/l	2	71	NT	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
2-Butanone (MEK)	µg/l	100	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Carbon Disulfide	µg/l	5	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Toluene	µg/l	2	200,000	NT	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	ND	Dry	NP	ND	NT	NP	NP	Dry	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.67	Dry	Dry	NP	Dry	6.36	NP	NP	Dry	Dry
Specific Conductance	µS/cm	-	NE	108	Dry	Dry	NP	Dry	30	NP	NP	Dry	Dry
Temperature	C	-	32.2	20.4	Dry	Dry	NP	Dry	22.4	NP	NP	Dry	Dry
Turbidity	NTU	-	NE	5.75	Dry	Dry	NP	Dry	7.15	NP	NP	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	5.21	Dry	Dry	NP	Dry	5.96	NP	NP	Dry	Dry
Chloride (Cl)	mg/l	0.1	NE	1.4	Dry	Dry	NP	Dry	1.4	NP	NP	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	2	Dry	Dry	NP	Dry	2	NP	NP	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150 ND	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE ND	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	10	1.3 ND	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Dissolved Chromium (Cr)	µg/l	10	NE ND	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2 ND	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Dissolved Nickel (Ni)	µg/l	20	29 ND	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Dissolved Silver (Ag)	µg/l	10	NE ND	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Dissolved Zinc (Zn)	µg/l	20	65 ND	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300 NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Arsenic (As)	µg/l	10	50 NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Barium (Ba)	µg/l	20	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Cobalt (Co)	µg/l	10	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Copper (Cu)	µg/l	20	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Lead (Pb)	µg/l	15	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Total Selenium (Se)	µg/l	10	NE ND	ND	Dry	Dry	NP	Dry	ND	NP	NP	Dry	Dry
Total Silver (Ag)	µg/l	10	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3 NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Vanadium (V)	µg/l	20	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Acetone	µg/l	100	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Benzene	µg/l	2	71 NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Carbon Disulfide	µg/l	5	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Toluene	µg/l	2	200,000 NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE NT	NT	Dry	Dry	NP	Dry	NT	NP	NP	Dry	Dry
Other Appendix I VOCs	µg/l	-	- NT	NT	Dry	Dry	NP	Dry	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.45	6.48	6.52	NP	5.93	5.21	NP	NP	5.61	6.03
Specific Conductance	µS/cm	-	NE	21	218	158	NP	18	20	NP	NP	57	19
Temperature	C	-	32.2	12.3	12.8	12.1	NP	11.6	12.4	NP	NP	11.8	11.3
Turbidity	NTU	-	NE	71	54	64	NP	10	69	NP	NP	27	11
Dissolved Oxygen (DO)	mg/l	-	<5	11.17	NT	NT	NP	NT	10.63	NP	NP	NT	NT
Chloride (Cl)	mg/l	0.2	NE	1.8	NT	NT	NP	NT	1.5	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE	26	NT	NT	NP	NT	31	NP	NP	NT	NT
Total Cyanide	mg/l	0.004	0.0052	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	3.2	NT	NT	NP	NT	2.9	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	20	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	5	1.3	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	10	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE	NT	55	61	NP	ND	NT	NP	NP	41	ND
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	40	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	NT	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	120	ND	NP	ND	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.39	Dry	Dry	NP	7.27	8.07	NP	NP	5.86	5.44
Specific Conductance	µS/cm	-	NE	32	Dry	Dry	NP	19	33	NP	NP	114	41
Temperature	C	-	32.2	23.7	Dry	Dry	NP	22.9	23.9	NP	NP	22.5	23.7
Turbidity	NTU	-	NE	4	Dry	Dry	NP	10	6	NP	NP	42	30
Dissolved Oxygen (DO)	mg/l	-	<5	6.27	Dry	Dry	NP	NT	7.07	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.9	Dry	Dry	NP	NT	1.4	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	3.3	Dry	Dry	NP	NT	1.3	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	10	1.3	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	10	NE ND	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	25	1.2	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	40	29	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	10	NE ND	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	20	65	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	34	ND
Total Beryllium (Be)	µg/l	3	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Total Selenium (Se)	µg/l	40	NE ND	ND	Dry	Dry	NP	ND	ND	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.63	6.88	7.11	NP	5.92	5.77	NP	NP	6.18	6.26
Specific Conductance	µS/cm	-	NE	22	282	321	NP	22	22	NP	NP	45	29
Temperature	C	-	32.2	2.6	5.1	3.5	NP	5.6	2.3	NP	NP	8.8	5.9
Turbidity	NTU	-	NE	11	152	7	NP	9	23	NP	NP	6	7
Dissolved Oxygen (DO)	mg/l	-	<5	14.75	NT	NT	NP	NT	13.66	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.4	NT	NT	NP	NT	1.4	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	NT	NT	NP	NT	ND	NP	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NP	NT	ND	NP	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	NT	NP	NP	NT	ND	NP	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NP	NT	ND	NP	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	NT	NP	NP	NT	ND	NP	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	NT	NP	NT	ND	NP	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	5	NE ND	NT	NP	NP	NT	ND	NP	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NP	NT	ND	NP	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NP	NT	ND	NP	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	7	NE ND	NT	NP	NP	NT	ND	NP	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NP	NT	ND	NP	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Arsenic (As)	µg/l	50	50	NT	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Barium (Ba)	µg/l	20	NE NT	67	70	NP	ND	NT	NP	NP	NP	22	ND
Total Beryllium (Be)	µg/l	3	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	NT	NT	NP	NT	ND	NP	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE ND	ND	ND	NP	ND	ND	NP	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE NT	32	ND	NP	ND	NT	NP	NP	NP	ND	ND
Acetone	µg/l	100	NE NT	160	120	NP	ND	NT	NP	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	ND	ND	NP	ND	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE NT	130	150	NP	ND	NT	NP	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	ND	ND	NP	NT	NP	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	ND	NP	ND	NT	NP	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.19	Dry	Dry	NP	6.46	6.83	NP	NP	6.67	5.96
Specific Conductance	µS/cm	-	NE	25	Dry	Dry	NP	47	25	NP	NP	64	109
Temperature	C	-	32.2	23	Dry	Dry	NP	28.9	23	NP	NP	17.8	16.7
Turbidity	NTU	-	NE	4	Dry	Dry	NP	37	5	NP	NP	40	30
Dissolved Oxygen (DO)	mg/l	-	<5	8.95	Dry	Dry	NP	NT	8.43	NP	NP	NT	NT
Chloride (Cl)	mg/l	1	NE	1.6	Dry	Dry	NP	NT	1.6	NP	NP	NT	NT
Chemical Oxygen Demand (COD)	mg/l	20	NE ND	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Barium (Ba)	µg/l	10	NE ND	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Cadmium (Cd)	µg/l	10	1.3	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Chromium (Cr)	µg/l	10	NE ND	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Lead (Pb)	µg/l	25	1.2	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Nickel (Ni)	µg/l	40	29	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Silver (Ag)	µg/l	10	NE ND	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Dissolved Zinc (Zn)	µg/l	20	65	ND	Dry	Dry	NP	NT	ND	NP	NP	NT	NT
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	Dry	Dry	NP	10	NT	NP	NP	ND	24
Total Barium (Ba)	µg/l	20	NE NT	ND	Dry	Dry	NP	ND	NT	NP	NP	26	34
Total Beryllium (Be)	µg/l	3	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Cadmium (Cd)	µg/l	5	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Chromium (Cr)	µg/l	10	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Cobalt (Co)	µg/l	40	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Copper (Cu)	µg/l	20	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Lead (Pb)	µg/l	15	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Nickel (Ni)	µg/l	20	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE NT	NT	Dry	Dry	NP	NT	NT	NP	NP	NT	NT
Total Selenium (Se)	µg/l	10	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Silver (Ag)	µg/l	10	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Vanadium (V)	µg/l	20	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Total Zinc (Zn)	µg/l	20	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Acetone	µg/l	100	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Benzene	µg/l	2	71	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
2-Butanone (MEK)	µg/l	100	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Carbon Disulfide	µg/l	5	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	NT	Dry	Dry	NP	ND	NT	NP	NP	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.8	Dry	6.78	NP	6.75	7.02	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	26	Dry	128	NP	50	17	NP	Dry	Dry	Dry
Temperature	C	-	32.2	4.5	Dry	7	NP	6.9	5.2	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	1	Dry	7	NP	74	0	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	4.39	Dry	NT	NP	NT	5.63	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.9	Dry	NT	NP	NT	1.7	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	ND	Dry	NT	NP	NT	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	NT	NP	NT	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE ND	ND	Dry	NT	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	NT	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	9.6	Dry	NT	NP	NT	9.1	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	1.3	ND	Dry	NT	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	NE ND	ND	Dry	NT	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	NT	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	NT	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE ND	ND	Dry	NT	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	NT	NP	NT	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE NT	NT	Dry	46.4	NP	32.6	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	Dry	NT	NP	NT	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE ND	ND	Dry	ND	NP	ND	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE NT	NT	Dry	22.8	NP	ND	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	71	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	200,000	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE NT	NT	Dry	ND	NP	ND	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	ND	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.18	Dry	Dry	NP	5.9	7.82	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	26	Dry	Dry	NP	73	232	NP	Dry	Dry	Dry
Temperature	C	-	32.2	24.1	Dry	Dry	NP	25.7	24.5	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	23	Dry	Dry	NP	93	55	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	6.69	Dry	Dry	NP	NT	5.12	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.6	Dry	Dry	NP	NT	1.5	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE ND	ND	Dry	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.9	Dry	Dry	NP	NT	2.1	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	Dry	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	5	NE	10	Dry	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	1.3	ND	Dry	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	NE ND	Dry	Dry	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	Dry	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	5	NE ND	Dry	Dry	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	4300	NT	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	10	50	NT	Dry	Dry	NP	14.9	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE NT	Dry	Dry	Dry	NP	250	9.7	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE NT	Dry	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE NT	Dry	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE NT	Dry	Dry	Dry	NP	28.6	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE NT	Dry	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE NT	Dry	Dry	Dry	NP	30.5	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE NT	Dry	Dry	Dry	NP	20.4	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE NT	Dry	Dry	Dry	NP	20.2	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND	Dry	Dry	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	5	NE ND	Dry	Dry	Dry	NP	ND	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE NT	Dry	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	6.3	NT	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE NT	Dry	Dry	Dry	NP	78.2	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE NT	Dry	Dry	Dry	NP	66.4	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE NT	Dry	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	71	NT	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE NT	Dry	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE NT	Dry	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	200,000	NT	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE NT	Dry	Dry	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.71	6.13	Dry	NP	6.43	6.39	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	30	247	Dry	NP	92	33	NP	Dry	Dry	Dry
Temperature	C	-	32.2	1.9	7.5	Dry	NP	2.42	2.6	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	8	37	Dry	NP	30	1	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	9.68	NT	Dry	NP	NT	8.95	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.6	NT	Dry	NP	NT	1.7	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE ND	NT	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE ND	NT	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	10.1	NT	Dry	NP	NT	10.4	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE ND	NT	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE NT	NT	45.2	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND	NT	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE ND	ND	NT	Dry	NP	ND	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	ND	Dry	NP	ND	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	NP	ND	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.02	Dry	Dry	NP	6.4	7.06	NP	6.73	Dry	5.68
Specific Conductance	µS/cm	-	NE	35	Dry	Dry	NP	149	38	NP	118	Dry	47
Temperature	C	-	32.2	34.05	Dry	Dry	NP	30.1	32.01	NP	27.4	Dry	21
Turbidity	NTU	-	NE	14	Dry	Dry	NP	45	26	NP	96	Dry	17
Dissolved Oxygen (DO)	mg/l	-	<5	31	Dry	Dry	NP	NT	31	NP	NT	Dry	NT
Chloride (Cl)	mg/l	1	NE	1.5	Dry	Dry	NP	NT	1.5	NP	NT	Dry	NT
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	Dry	Dry	NP	NT	ND	NP	NT	Dry	NT
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	NT	ND	NP	NT	Dry	NT
Total Organic Carbon (TOC)	mg/l	1	NE	1.6	Dry	Dry	NP	NT	1.6	NP	NT	Dry	NT
Dissolved Arsenic (As)	µg/l	5	150	ND	Dry	Dry	NP	NT	ND	NP	NT	Dry	NT
Dissolved Barium (Ba)	µg/l	5	NE	12.4	Dry	Dry	NP	NT	13	NP	NT	Dry	NT
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	Dry	Dry	NP	NT	ND	NP	NT	Dry	NT
Dissolved Chromium (Cr)	µg/l	5	11	ND	Dry	Dry	NP	NT	ND	NP	NT	Dry	NT
Dissolved Lead (Pb)	µg/l	10	1.2	ND	Dry	Dry	NP	NT	ND	NP	NT	Dry	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	NT	ND	NP	NT	Dry	NT
Dissolved Silver (Ag)	µg/l	5	NE	ND	Dry	Dry	NP	NT	ND	NP	NT	Dry	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	NT	ND	NP	NT	Dry	NT
Total Antimony (Sb)	µg/l	6	640	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Arsenic (As)	µg/l	10	50	NT	Dry	Dry	NP	34	NT	NP	ND	Dry	15.1
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	49.7	Dry	21.4
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	NT	ND	NP	NT	Dry	NT
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	ND	ND	NP	ND	Dry	ND
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Thallium (Tl)	µg/l	2	0.47	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Benzene	µg/l	2	51	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Toluene	µg/l	2	5,980	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	ND	NT	NP	ND	Dry	ND
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.85	5.78	Dry	NP	6.33	5.85	NP	5.84	Dry	6.25
Specific Conductance	µS/cm	-	NE	255	226	Dry	NP	59	94	NP	92	Dry	140
Temperature	C	-	32.2	6.01	6.1	Dry	NP	12.42	15.36	NP	7.33	Dry	14.64
Turbidity	NTU	-	NE	0	63	Dry	NP	93	41	NP	127	Dry	131
Dissolved Oxygen (DO)	mg/l	-	<5	12.59	NT	Dry	NP	NT	3.85	NP	NT	Dry	NT
Chloride (Cl)	mg/l	1	NE	1.7	NT	Dry	NP	NT	12	NP	NT	Dry	NT
Chemical Oxygen Demand (COD)	mg/l	10	NE ND	NT	Dry	NP	NP	NT	71	NP	NT	Dry	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	NP	NT	0.07	NP	NT	Dry	NT
Total Organic Carbon (TOC)	mg/l	1	NE ND	NT	Dry	NP	NP	NT	19.6	NP	NT	Dry	NT
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	Dry	NP	NT	ND	NP	NT	Dry	NT
Dissolved Barium (Ba)	µg/l	5	NE ND	NT	Dry	NP	NP	NT	33.4	NP	NT	Dry	NT
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	Dry	NP	NT	ND	NP	NT	Dry	NT
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	NP	NT	ND	NP	NT	Dry	NT
Dissolved Lead (Pb)	µg/l	10	1.2	ND	NT	Dry	NP	NT	ND	NP	NT	Dry	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	NP	NT	ND	NP	NT	Dry	NT
Dissolved Silver (Ag)	µg/l	5	NE ND	NT	Dry	NP	NP	NT	ND	NP	NT	Dry	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	NP	NT	17.7	NP	NT	Dry	NT
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	NP	NT	NT	NP	ND	Dry	ND
Total Arsenic (As)	µg/l	10	50	NT	ND	Dry	NP	NT	NT	NP	ND	Dry	35.3
Total Barium (Ba)	µg/l	20	NE NT	45.8	Dry	NP	NP	62.3	NT	NP	31.1	Dry	20.4
Total Beryllium (Be)	µg/l	3	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Total Cadmium (Cd)	µg/l	5	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Total Chromium (Cr)	µg/l	10	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Total Cobalt (Co)	µg/l	40	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Total Copper (Cu)	µg/l	20	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Total Lead (Pb)	µg/l	15	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Total Nickel (Ni)	µg/l	20	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Total Mercury (Hg)	µg/l	0.5	NE ND	NT	Dry	NP	NP	NT	ND	NP	NT	Dry	NT
Total Selenium (Se)	µg/l	10	NE ND	ND	Dry	NP	NP	ND	ND	NP	ND	Dry	ND
Total Silver (Ag)	µg/l	10	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	NP	ND	NT	NP	ND	Dry	ND
Total Vanadium (V)	µg/l	20	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Total Zinc (Zn)	µg/l	20	NE NT	ND	Dry	NP	NP	24.9	NT	NP	ND	Dry	ND
Acetone	µg/l	100	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Benzene	µg/l	2	51	NT	ND	Dry	NP	ND	NT	NP	ND	Dry	ND
2-Butanone (MEK)	µg/l	100	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Carbon Disulfide	µg/l	5	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Toluene	µg/l	2	5,980	NT	ND	Dry	NP	ND	NT	NP	ND	Dry	ND
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	Dry	NP	NP	ND	NT	NP	ND	Dry	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.22	6.98	6.29	NP	6.43	6.98	NP	Dry	6.58	Dry
Specific Conductance	µS/cm	-	NE	30	241	21	NP	228	48	NP	Dry	134	Dry
Temperature	C	-	32.2	14.8	23.6	22.0	NP	24.4	16.3	NP	Dry	18.8	Dry
Turbidity	NTU	-	NE	19	1076	1009	NP	643	280	NP	Dry	52	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.89	NT	NT	NP	NT	2.81	NP	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	3.1	NT	NT	NP	NT	1.3	NP	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	ND	NT	NT	NP	NT	58	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	NT	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.8	NT	NT	NP	NT	7.1	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	NT	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	9.6	NT	NT	NP	NT	6.0	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	NT	NP	NT	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	NT	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	NT	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	NT	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	NT	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	NT	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	ND	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	12.2	13.1	NP	ND	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	140	148	NP	379	NT	NP	Dry	50.8	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	ND	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	ND	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	18.4	31.1	NP	64.7	NT	NP	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	52.4	ND	NP	66.0	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	37.7	34.8	NP	73.1	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	21	18.4	NP	53.9	NT	NP	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	36.9	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	NT	ND	NP	NT	NT	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	ND	ND	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	ND	NT	NP	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	ND	NT	NP	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	61.4	73.5	NP	154	NT	NP	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	65.1	64.3	NP	140	NT	NP	Dry	54.4	Dry
Acetone	µg/l	100	NE	NT	ND	ND	NP	ND	NT	NP	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	NP	ND	NT	NP	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	ND	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	ND	NT	NP	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	22	ND	NP	ND	NT	NP	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	ND	NT	NP	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.09	6.18	6.42	NP	Dry	7.50	NP	Dry	6.61	Dry
Specific Conductance	µS/cm	-	NE	25	195	292	NP	Dry	26	NP	Dry	39	Dry
Temperature	C	-	32.2	8.4	8.6	8.6	NP	Dry	8.3	NP	Dry	9.5	Dry
Turbidity	NTU	-	NE	35	70	44	NP	Dry	80	NP	Dry	22	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	11.00	NT	NT	NP	Dry	10.28	NP	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.6	NT	NT	NP	Dry	1.7	NP	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE ND	NT	NT	NT	NP	Dry	16	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.1	NT	NT	NP	Dry	1.1	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE ND	NT	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE ND	NT	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE NT	NT	42.7	71.5	NP	Dry	NT	NP	Dry	134	Dry
Total Beryllium (Be)	µg/l	3	NE NT	ND	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE NT	ND	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE NT	ND	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE NT	ND	61.7	61.7	NP	Dry	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE NT	ND	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE NT	ND	ND	ND	NP	Dry	NT	NP	Dry	20	Dry
Total Nickel (Ni)	µg/l	20	NE NT	ND	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	ND	ND	NP	Dry	ND	NP	Dry	ND	Dry
Total Selenium (Se)	µg/l	5	NE ND	ND	ND	ND	NP	Dry	ND	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE NT	ND	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE NT	ND	ND	ND	NP	Dry	NT	NP	Dry	37.8	Dry
Total Zinc (Zn)	µg/l	20	NE NT	ND	28.3	28.3	NP	Dry	NT	NP	Dry	50.7	Dry
Acetone	µg/l	100	NE NT	ND	250	250	NP	Dry	NT	NP	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE NT	ND	180	180	NP	Dry	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE NT	ND	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	Dry	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.65	Dry	6.54	NP	Dry	5.24	NP	Dry	6.46	Dry
Specific Conductance	µS/cm	-	NE	36	Dry	194	NP	Dry	194	NP	Dry	142	Dry
Temperature	C	-	32.2	21.7	Dry	24.6	NP	Dry	25.6	NP	Dry	19.4	Dry
Turbidity	NTU	-	NE	11	Dry	43	NP	Dry	15	NP	Dry	93	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	8.94	Dry	NT	NP	Dry	8.3	NP	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.4	Dry	NT	NP	Dry	1.4	NP	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE ND	ND	Dry	NT	NP	Dry	ND	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	NT	NP	Dry	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.5	Dry	NT	NP	Dry	1.3	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	Dry	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE	5.6	Dry	NT	NP	Dry	5.8	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	Dry	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	Dry	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	10	1.2	ND	Dry	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE ND	ND	Dry	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	NT	NP	Dry	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE NT	NT	Dry	62.6	NP	Dry	NT	NP	Dry	120	Dry
Total Beryllium (Be)	µg/l	3	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	12.2	Dry
Total Cobalt (Co)	µg/l	40	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	19.6	Dry
Total Nickel (Ni)	µg/l	20	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	Dry	NT	NP	Dry	ND	NP	Dry	NT	Dry
Total Selenium (Se)	µg/l	5	NE ND	ND	Dry	ND	NP	Dry	ND	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	29.2	Dry
Total Zinc (Zn)	µg/l	20	NE NT	NT	Dry	21.6	NP	Dry	NT	NP	Dry	115	Dry
Acetone	µg/l	100	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Benzene	µg/l	2	51	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE NT	NT	Dry	ND	NP	Dry	NT	NP	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	ND	NP	Dry	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.17	4.01	Dry	NP	5.78	6.15	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	34	88	Dry	NP	214	30	NP	Dry	Dry	Dry
Temperature	C	-	32.2	6.4	5.7	Dry	NP	9.8	6.4	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	6	27	Dry	NP	55	19	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	9.41	NT	Dry	NP	NT	10.94	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.6	NT	Dry	NP	NT	1.6	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE ND	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE ND	NT	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	6.4	NT	Dry	NP	NT	7.2	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE ND	NT	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE NT	NT	32	Dry	NP	33.7	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE NT	ND	NT	Dry	NP	53.6	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND	NT	NT	Dry	NP	NT	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE ND	ND	NT	Dry	NP	ND	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE NT	ND	NT	Dry	NP	85.9	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	ND	Dry	NP	ND	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	NP	ND	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	NT	Dry	NP	ND	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	ND	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.18	6.89	6.46	NP	Dry	6.46	NP	Dry	6.88	5.81
Specific Conductance	µS/cm	-	NE	33	299	110	NP	Dry	49	NP	Dry	57	177
Temperature	C	-	32.2	23.4	27.2	29.2	NP	Dry	23.3	NP	Dry	19.8	18.6
Turbidity	NTU	-	NE	4	8	13	NP	Dry	12	NP	Dry	38	26
Dissolved Oxygen (DO)	mg/l	-	<5	7.74	NT	NT	NP	Dry	6.41	NP	Dry	NT	NT
Chloride (Cl)	mg/l	1	NE	1.8	NT	NT	NP	Dry	2.1	NP	Dry	NT	NT
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	NT
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	NT
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	NP	Dry	2.1	NP	Dry	NT	NT
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	NT
Dissolved Barium (Ba)	µg/l	5	NE	5.8	NT	NT	NP	Dry	7	NP	Dry	NT	NT
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	NT
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	NT
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	NT
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	NT
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	NT
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	Dry	10.6	NP	Dry	NT	NT
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	18.5
Total Barium (Ba)	µg/l	20	NE	NT	26.6	ND	NP	Dry	NT	NP	Dry	72	24.7
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	NT
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	Dry	ND	NP	Dry	ND	ND
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	46.3	ND
Acetone	µg/l	100	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Benzene	µg/l	2	51	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Toluene	µg/l	2	5,980	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	ND
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	Dry	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	8.14	7.25	7.11	NP	Dry	8.11	NP	6.79	6.21	Dry
Specific Conductance	µS/cm	-	NE	49	141	422	NP	Dry	53	NP	207	246	Dry
Temperature	C	-	32.2	6.8	6.2	6.2	NP	Dry	7.6	NP	8.4	12.1	Dry
Turbidity	NTU	-	NE	2	116	27	NP	Dry	2	NP	4	11	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	8.54	NT	NT	NP	Dry	8.31	NP	NT	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.5	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	11	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Dissolved Barium (Ba)	µg/l	20	NE	ND	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Dissolved Cadmium (Cd)	µg/l	5	0.15	ND	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Dissolved Chromium (Cr)	µg/l	10	11	ND	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Dissolved Nickel (Ni)	µg/l	20	29	ND	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Dissolved Silver (Ag)	µg/l	10	NE	ND	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Dissolved Zinc (Zn)	µg/l	20	65	ND	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	50.2	76.8	NP	Dry	NT	NP	ND	41.4	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	Dry	ND	NP	NT	NT	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	Dry	ND	NP	ND	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Acetone	µg/l	100	NE	NT	ND	250	NP	Dry	NT	NP	ND	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	250	NP	Dry	NT	NP	ND	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	Dry	NT	NP	ND	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	Dry	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	8.72	Dry	Dry	NP	Dry	7.06	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	41	Dry	Dry	NP	Dry	25	NP	Dry	Dry	Dry
Temperature	C	-	32.2	26.8	Dry	Dry	NP	Dry	28.7	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	12	Dry	Dry	NP	Dry	30	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.65	Dry	Dry	NP	Dry	6.64	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	2	Dry	Dry	NP	Dry	1.8	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.4	Dry	Dry	NP	Dry	1.3	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	7.1	Dry	Dry	NP	Dry	6.8	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	Dry	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.92	Dry	Dry	NP	Dry	6.99	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	26	Dry	Dry	NP	Dry	29	NP	Dry	Dry	Dry
Temperature	C	-	32.2	8	Dry	Dry	NP	Dry	8.1	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	12	Dry	Dry	NP	Dry	13	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	11.65	Dry	Dry	NP	Dry	11.01	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.6	Dry	Dry	NP	Dry	1.7	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE ND		Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.7	Dry	Dry	NP	Dry	1.6	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	6.2	Dry	Dry	NP	Dry	6.3	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE ND		Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND		Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE ND		Dry	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE NT		Dry	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	Dry	Dry	NP	Dry	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.91	7.33	7.15	NP	Dry	6.79	NP	Dry	6.19	Dry
Specific Conductance	µS/cm	-	NE	34	167	91	NP	Dry	24	NP	Dry	91	Dry
Temperature	C	-	32.2	22.8	30	29.2	NP	Dry	22.7	NP	Dry	20.3	Dry
Turbidity	NTU	-	NE	16	11	4	NP	Dry	34	NP	Dry	24	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.47	NT	NT	NP	Dry	7.19	NP	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.7	NT	NT	NP	Dry	1.8	NP	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE	39	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.4	NT	NT	NP	Dry	1.5	NP	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	10	NE	7	NT	NT	NP	Dry	5.8	NP	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	7	NE	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	30	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	NP	Dry	ND	NP	Dry	NT	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	NP	Dry	ND	NP	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Acetone	µg/l	100	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	NP	Dry	NT	NP	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	NP	Dry	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.71	8.35	Dry	NP	Dry	6.01	NP	Dry	Dry	Dry
Specific Conductance	µS/cm	-	NE	21	466	Dry	NP	Dry	21	NP	Dry	Dry	Dry
Temperature	C	-	32.2	0.2	3.9	Dry	NP	Dry	0.5	NP	Dry	Dry	Dry
Turbidity	NTU	-	NE	5	42	Dry	NP	Dry	7	NP	Dry	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	13.59	NT	Dry	NP	Dry	13.52	NP	Dry	Dry	Dry
Chloride (Cl)	mg/l	1	NE	2.3	NT	Dry	NP	Dry	1.6	NP	Dry	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	5	NE ND	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE ND	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Arsenic (As)	µg/l	10	150	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Barium (Ba)	µg/l	10	NE	5.3	NT	Dry	NP	Dry	11.3	NP	Dry	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	3	0.15	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Lead (Pb)	µg/l	15	1.2	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Silver (Ag)	µg/l	7	NE ND	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Barium (Ba)	µg/l	20	NE NT	NT	35.6	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Copper (Cu)	µg/l	20	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Lead (Pb)	µg/l	15	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE ND	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Selenium (Se)	µg/l	10	NE ND	ND	NT	Dry	NP	Dry	ND	NP	Dry	Dry	Dry
Total Silver (Ag)	µg/l	10	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Vanadium (V)	µg/l	20	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Acetone	µg/l	100	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Benzene	µg/l	2	51	NT	ND	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Carbon Disulfide	µg/l	5	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE NT	ND	NT	Dry	NP	Dry	NT	NP	Dry	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	NP	Dry	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	6.56	6.76	Dry	Dry	Dry	6.73	6.72	6.56	Dry	Dry
Specific Conductance	µS/cm	-	NE	25	154	Dry	Dry	Dry	23	35	38	Dry	Dry
Temperature	C	-	32.2	25.7	25.4	Dry	Dry	Dry	23.5	20.4	20.7	Dry	Dry
Turbidity	NTU	-	NE	11	10	Dry	Dry	Dry	20	24	9	Dry	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	7.98	NT	Dry	Dry	Dry	7.69	NT	NT	Dry	Dry
Chloride (Cl)	mg/l	1	NE	1.3	NT	Dry	Dry	Dry	1.4	NT	NT	Dry	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	233	NT	Dry	Dry	Dry	ND	NT	NT	Dry	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	Dry	Dry	Dry	ND	NT	NT	Dry	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	1.1	NT	Dry	Dry	Dry	1.2	NT	NT	Dry	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	Dry	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Barium (Ba)	µg/l	5	NE	12	NT	Dry	Dry	Dry	12	NT	NT	Dry	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	Dry	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	Dry	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	Dry	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	Dry	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	Dry	Dry	Dry	ND	NT	NT	Dry	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	Dry	Dry	Dry	ND	NT	NT	Dry	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Arsenic (As)	µg/l	50	50	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Barium (Ba)	µg/l	20	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	Dry	Dry	Dry	ND	ND	NT	Dry	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	Dry	Dry	Dry	ND	ND	ND	Dry	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Acetone	µg/l	100	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Benzene	µg/l	2	51	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Toluene	µg/l	2	5,980	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	Dry	Dry	Dry	NT	ND	ND	Dry	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	Dry	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	7.29	6.55	6.68	Dry	Dry	7.26	7.46	6.72	5.98	Dry
Specific Conductance	µS/cm	-	NE	18	88	139	Dry	Dry	19	23	21	24	Dry
Temperature	C	-	32.2	6.3	8.1	7.8	Dry	Dry	7.1	6.7	9.9	11.6	Dry
Turbidity	NTU	-	NE	3	116	9	Dry	Dry	4	27	25	17	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	9.34	NT	NT	Dry	Dry	7.21	NT	NT	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.4	NT	NT	Dry	Dry	1.4	NT	NT	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	14.1	NT	NT	Dry	Dry	ND	NT	NT	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	Dry	Dry	ND	NT	NT	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	Dry	Dry	ND	NT	NT	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	Dry	Dry	ND	NT	NT	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE	11	NT	NT	Dry	Dry	11	NT	NT	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	Dry	Dry	ND	NT	NT	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	Dry	Dry	ND	NT	NT	NT	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	Dry	Dry	ND	NT	NT	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	Dry	Dry	ND	NT	NT	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	Dry	Dry	ND	NT	NT	NT	Dry
Dissolved Zinc (Zn)	µg/l	10	65	ND	NT	NT	Dry	Dry	ND	NT	NT	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	54	40	Dry	Dry	NT	ND	ND	42	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	Dry	Dry	ND	NT	NT	NT	Dry
Total Selenium (Se)	µg/l	10	NE	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	32	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	Dry	NT	ND	ND	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	ND	Dry	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-7TJ	SWC-9	SWC-10	SWC-11	SWC-12	SWC-13
pH	pH Units	-	<6.0; >8.5	5.18	6.64	6	Dry	Dry	6.07	5.5	Dry	7.11	Dry
Specific Conductance	µS/cm	-	NE	39	182	85	Dry	Dry	28	42	Dry	47	Dry
Temperature	C	-	32.2	23.9	29.2	29	Dry	Dry	24.5	21.9	Dry	19.1	Dry
Turbidity	NTU	-	NE	8	13	6	Dry	Dry	7	7	Dry	13	Dry
Dissolved Oxygen (DO)	mg/l	-	<5	8.21	NT	NT	Dry	Dry	5.82	NT	Dry	NT	Dry
Chloride (Cl)	mg/l	1	NE	1.4	NT	NT	Dry	Dry	1.4	NT	Dry	NT	Dry
Chemical Oxygen Demand (COD)	mg/l	10	NE	ND	NT	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Total Cyanide	mg/l	0.02	0.0052	ND	NT	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Total Organic Carbon (TOC)	mg/l	1	NE	ND	NT	NT	Dry	Dry	1.6	NT	Dry	NT	Dry
Dissolved Arsenic (As)	µg/l	5	150	ND	NT	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Barium (Ba)	µg/l	5	NE	7.7	NT	NT	Dry	Dry	7.8	NT	Dry	NT	Dry
Dissolved Cadmium (Cd)	µg/l	0.5	0.15	ND	NT	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Chromium (Cr)	µg/l	5	11	ND	NT	NT	Dry	Dry	160	NT	Dry	NT	Dry
Dissolved Lead (Pb)	µg/l	1	1.2	ND	NT	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Nickel (Ni)	µg/l	5	29	ND	NT	NT	Dry	Dry	310	NT	Dry	NT	Dry
Dissolved Silver (Ag)	µg/l	5	NE	ND	NT	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Dissolved Zinc (Zn)	µg/l	1	65	ND	NT	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Total Antimony (Sb)	µg/l	6	640	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Arsenic (As)	µg/l	10	50	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Barium (Ba)	µg/l	20	NE	NT	45	ND	Dry	Dry	NT	ND	Dry	32	Dry
Total Beryllium (Be)	µg/l	3	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Cadmium (Cd)	µg/l	5	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Chromium (Cr)	µg/l	10	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Cobalt (Co)	µg/l	40	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Copper (Cu)	µg/l	20	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Lead (Pb)	µg/l	15	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Nickel (Ni)	µg/l	20	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Mercury (Hg)	µg/l	0.5	NE	ND	NT	NT	Dry	Dry	ND	NT	Dry	NT	Dry
Total Selenium (Se)	µg/l	5	NE	ND	ND	ND	Dry	Dry	ND	ND	Dry	ND	Dry
Total Silver (Ag)	µg/l	10	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Thallium (Tl)	µg/l	2	0.47	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Vanadium (V)	µg/l	20	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Total Zinc (Zn)	µg/l	20	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	22	Dry
Acetone	µg/l	100	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Benzene	µg/l	2	51	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
2-Butanone (MEK)	µg/l	100	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Carbon Disulfide	µg/l	5	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Toluene	µg/l	2	5,980	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
cis-1,2 Dichloroethene	µg/l	2	NE	NT	ND	ND	Dry	Dry	NT	ND	Dry	ND	Dry
Other Appendix I VOCs	µg/l	-	-	NT	ND	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

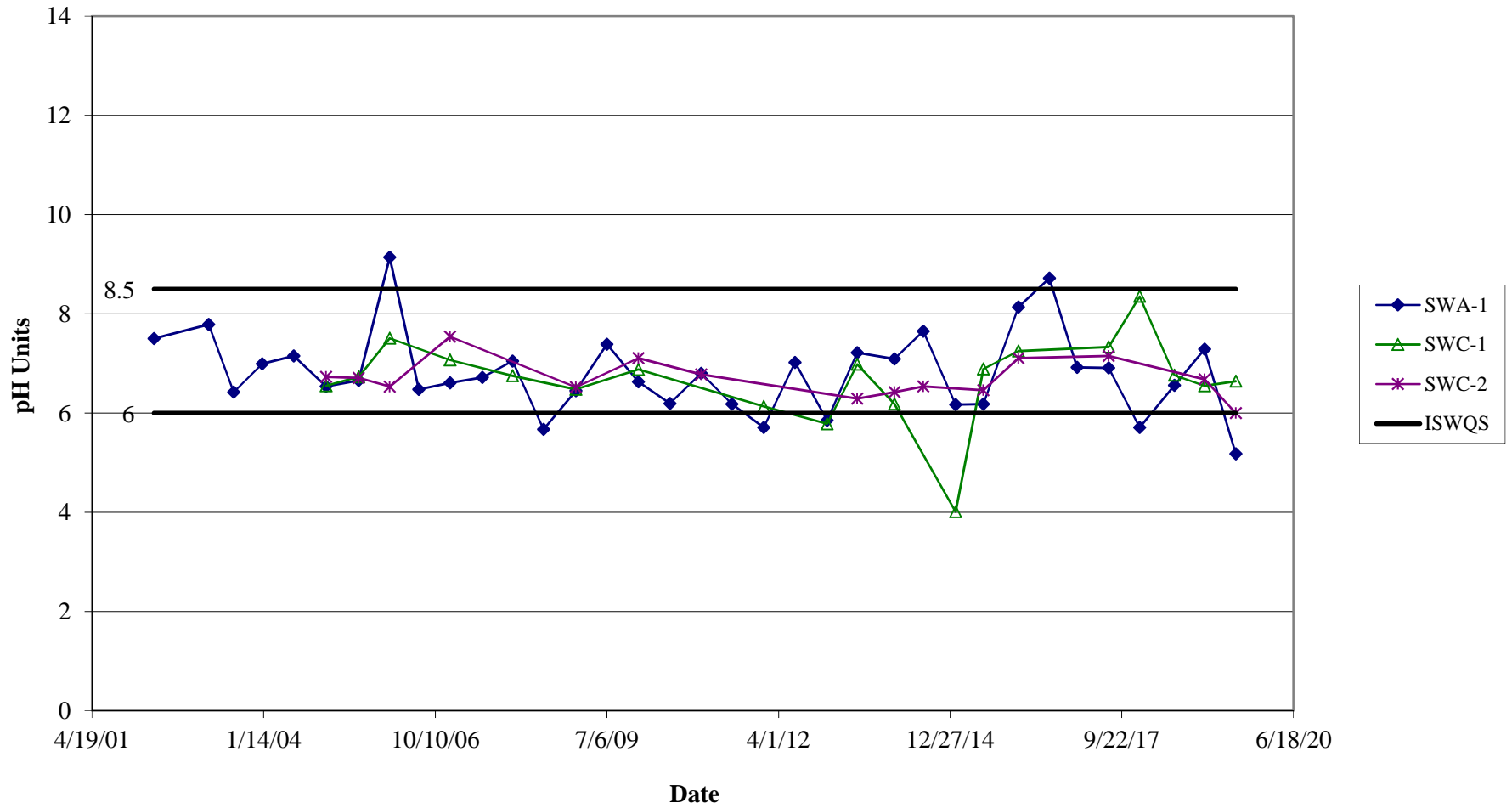
NE = Not Established; GEPD has not established a ISWQS

NP = location Not Present during sampling event

Shaded cells indicated exceedances of ISWQS.

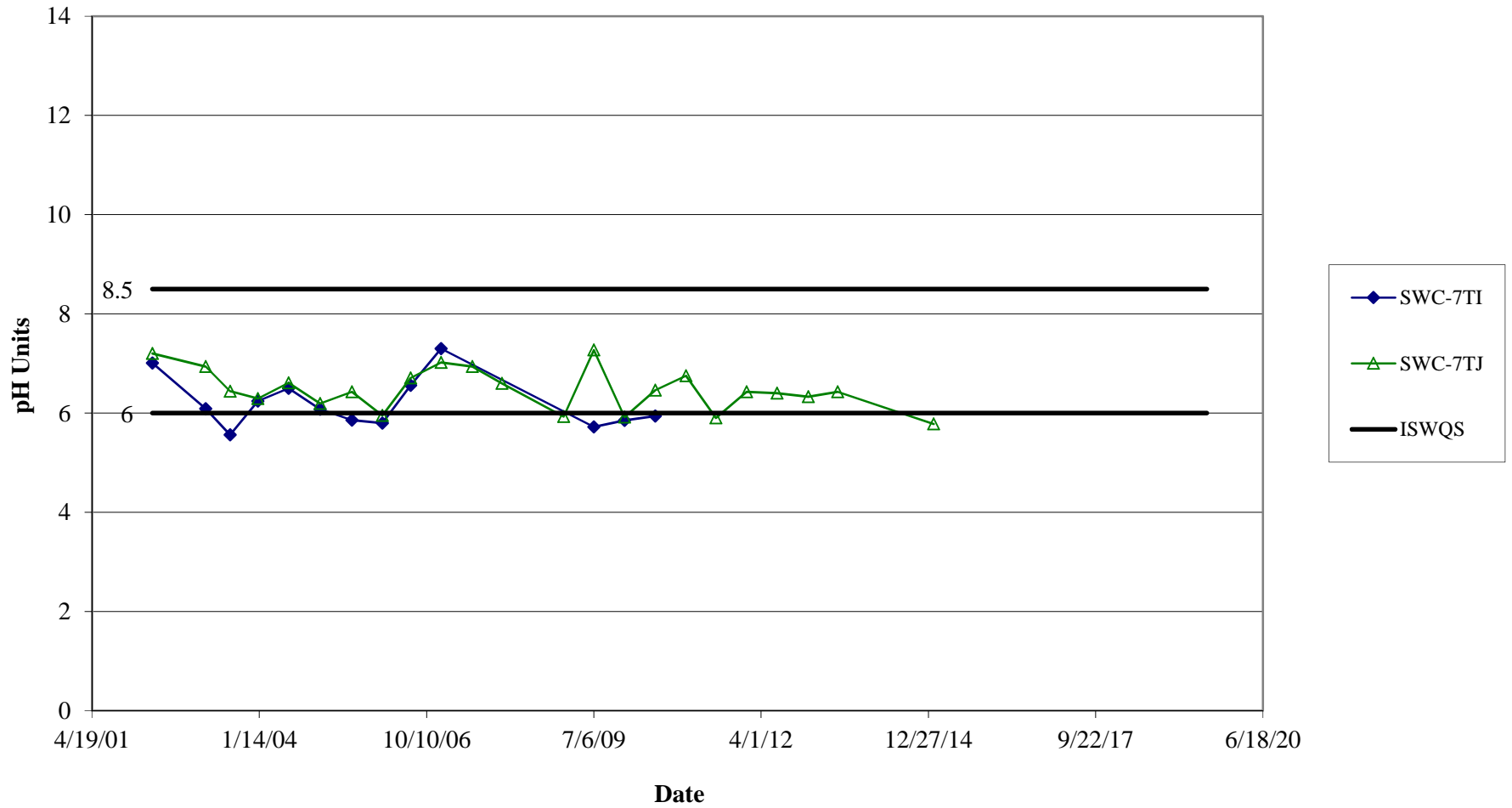
pH

Eagle Point Landfill - Forsyth Co., GA



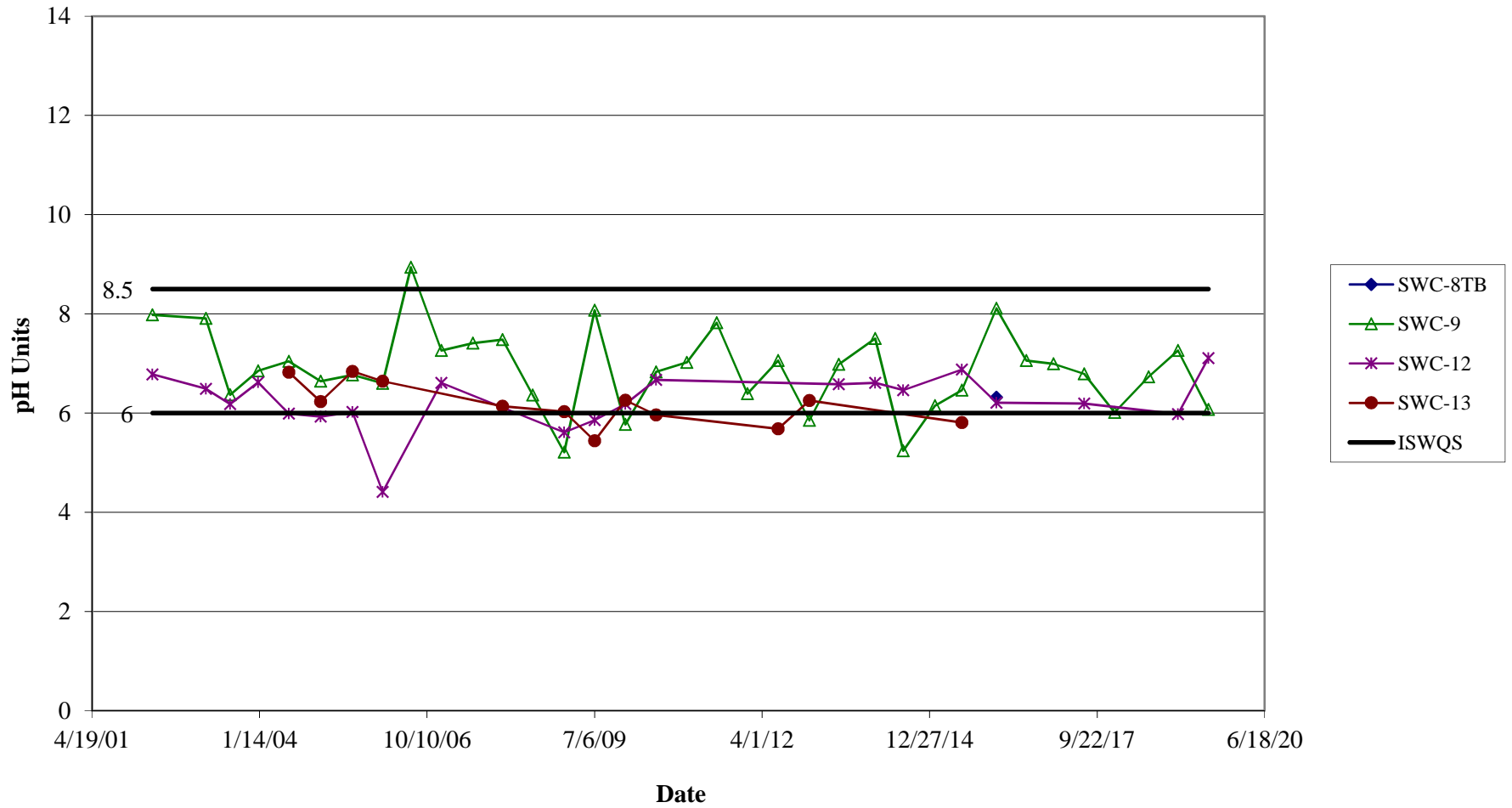
pH

Eagle Point Landfill - Forsyth Co., GA



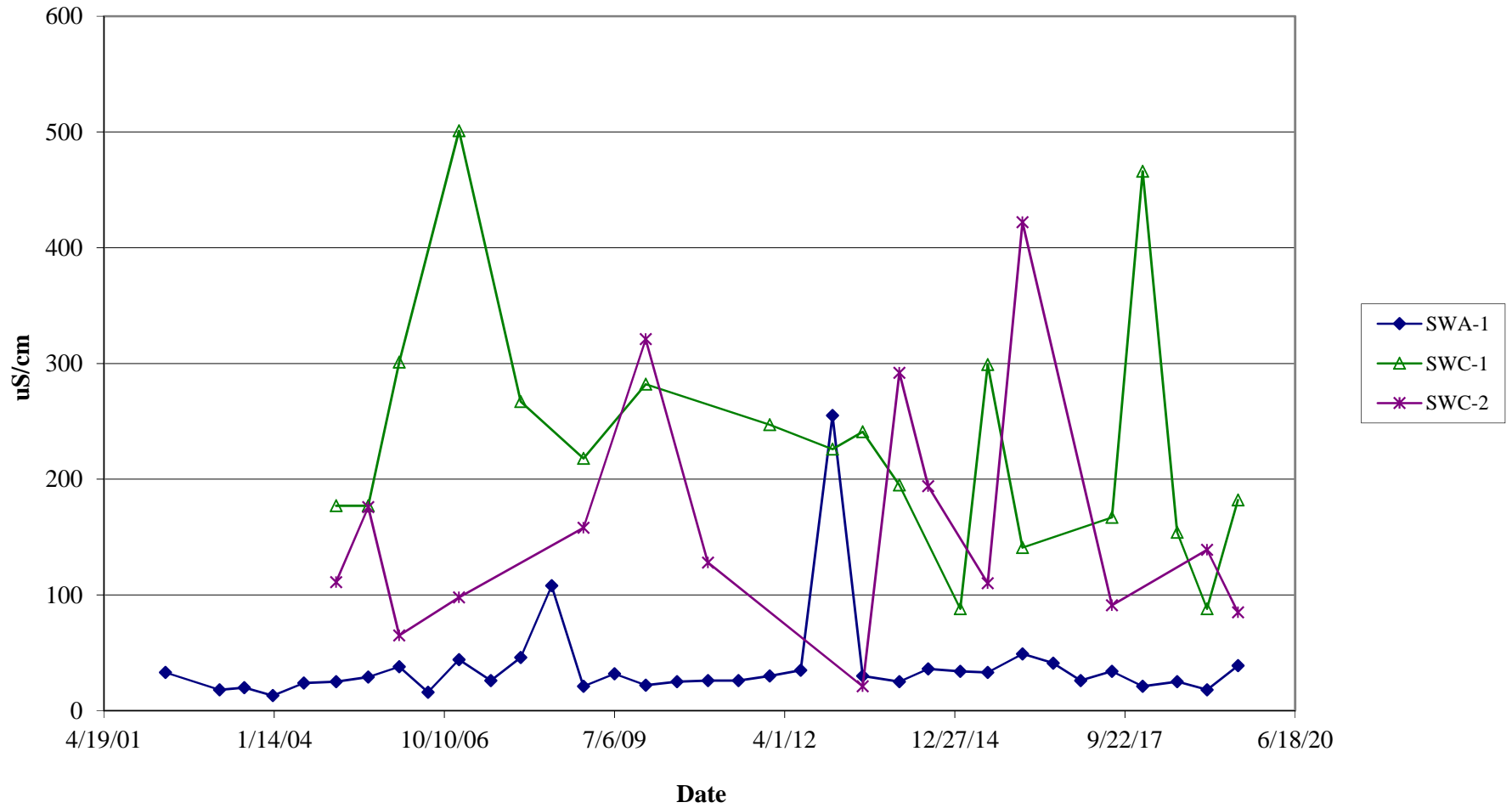
pH

Eagle Point Landfill - Forsyth Co., GA



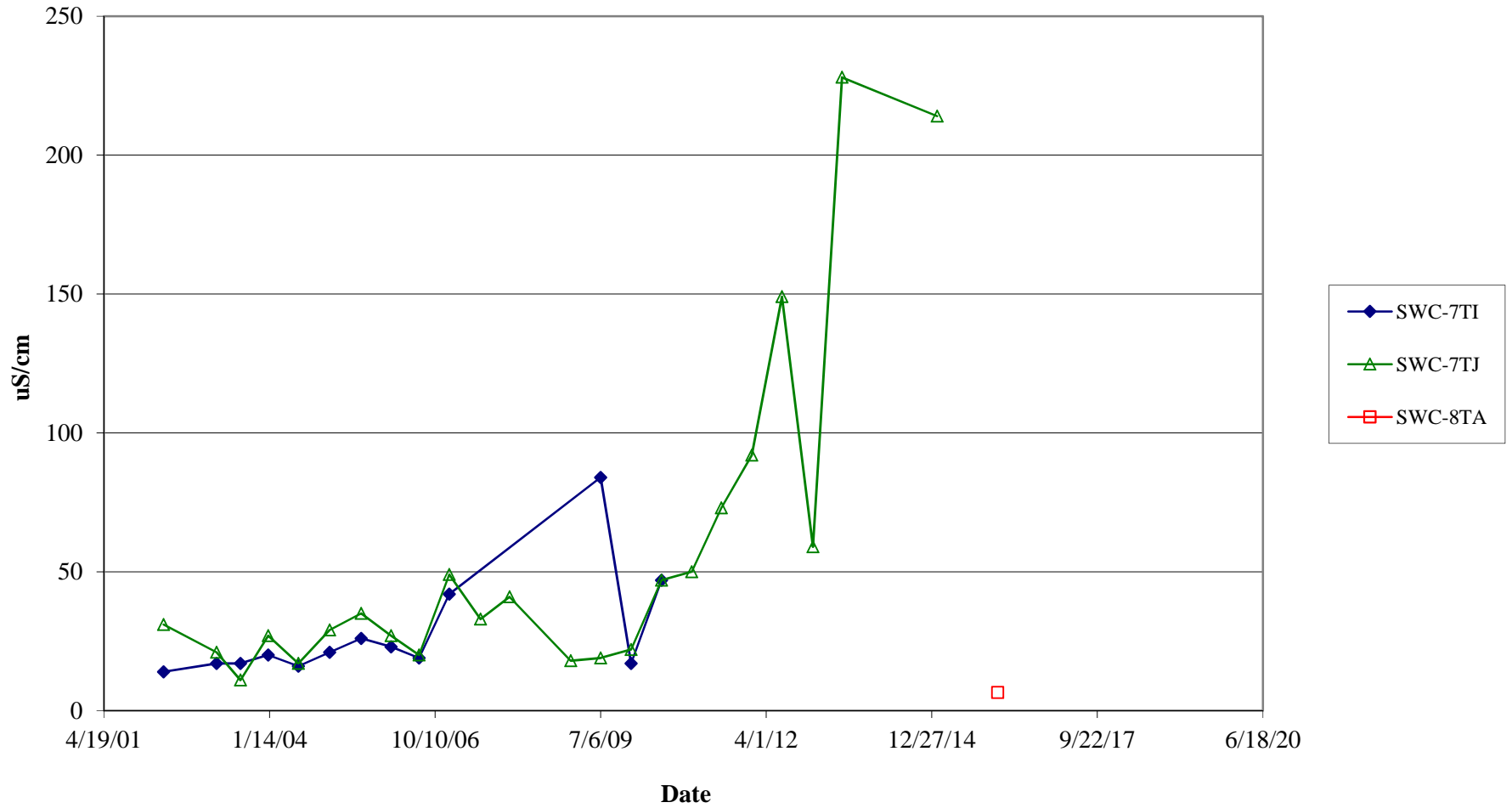
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



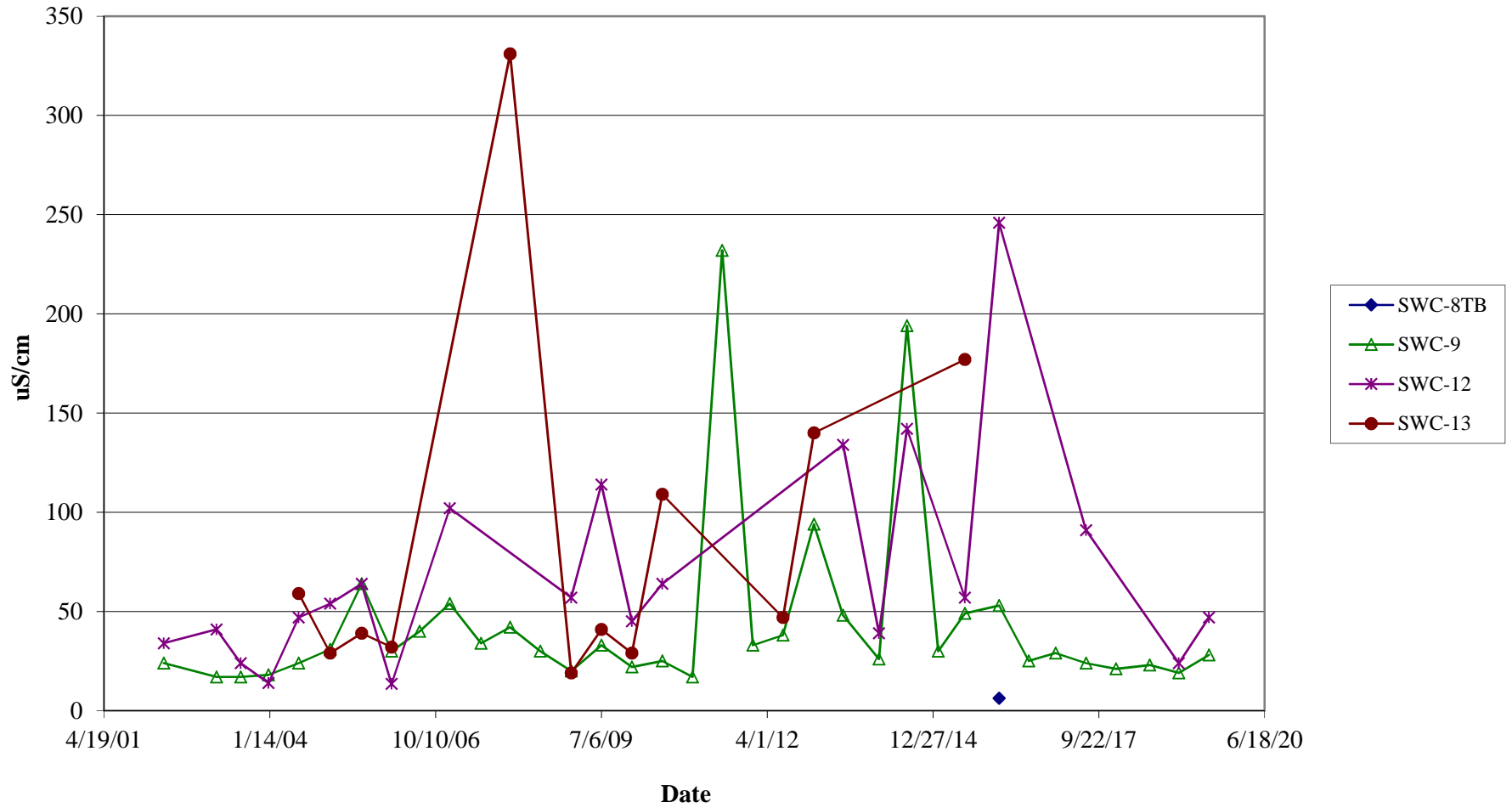
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



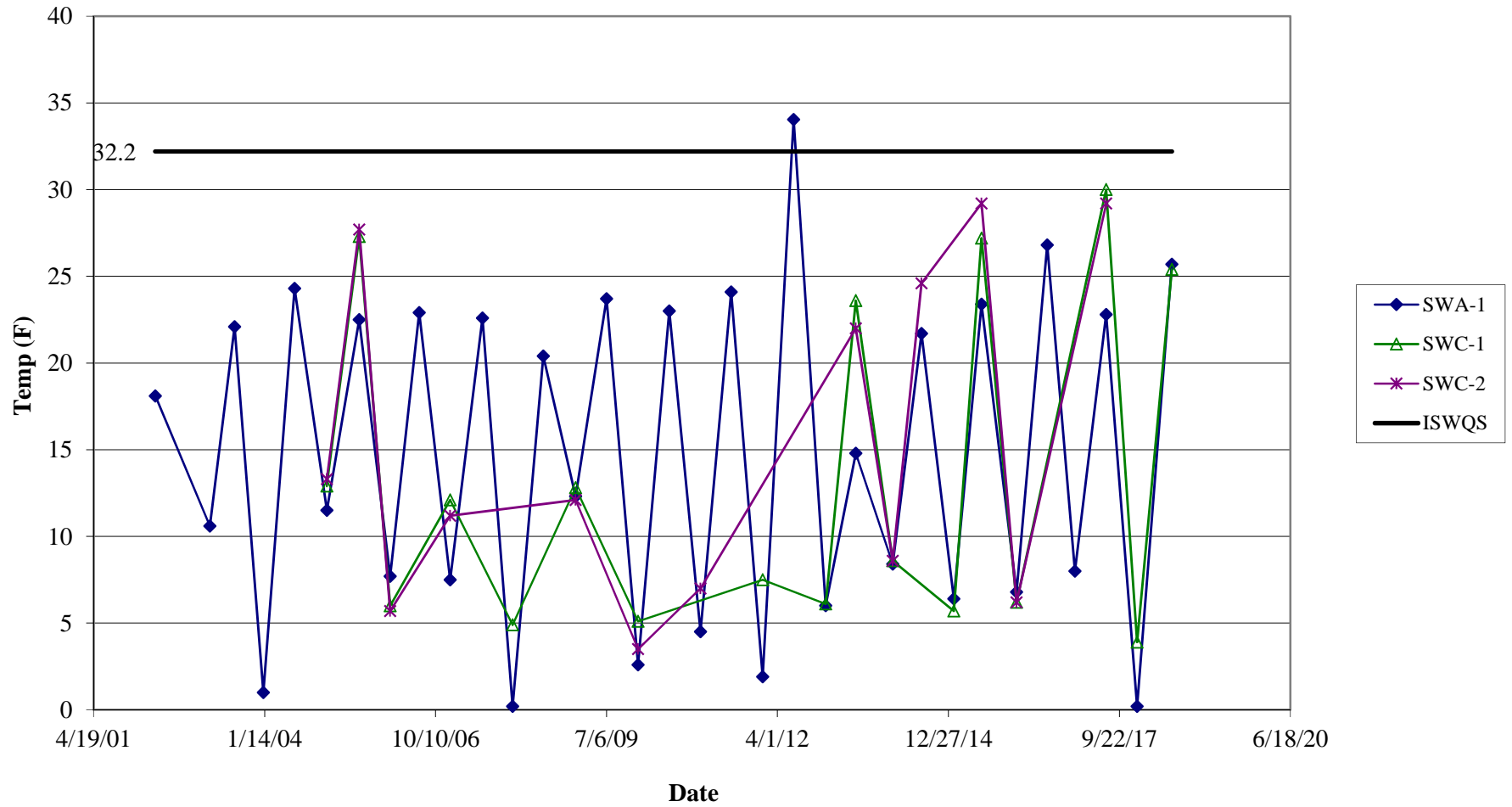
Specific Conductance

Eagle Point Landfill - Forsyth Co., GA



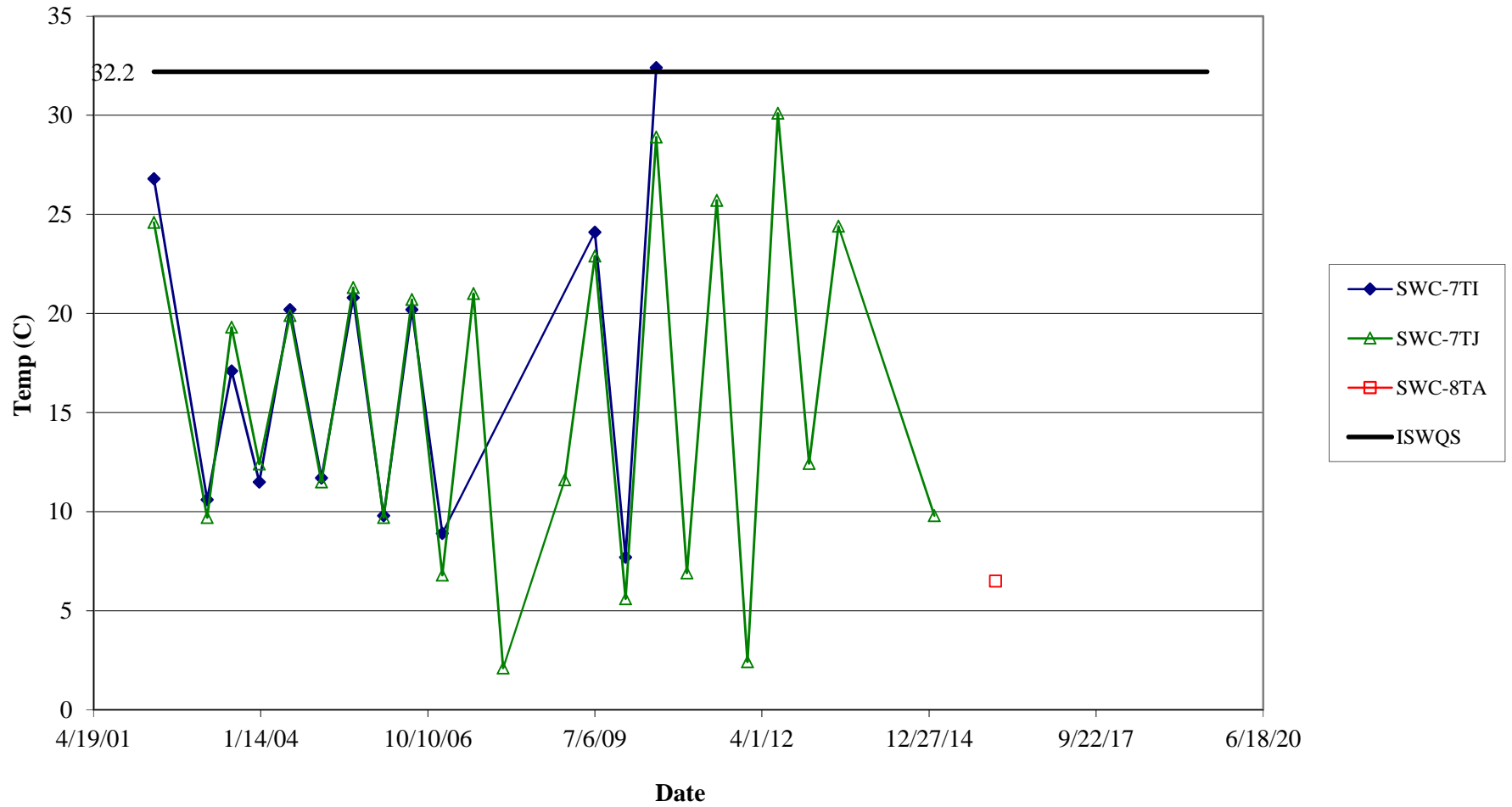
Temperature

Eagle Point Landfill - Forsyth Co., GA



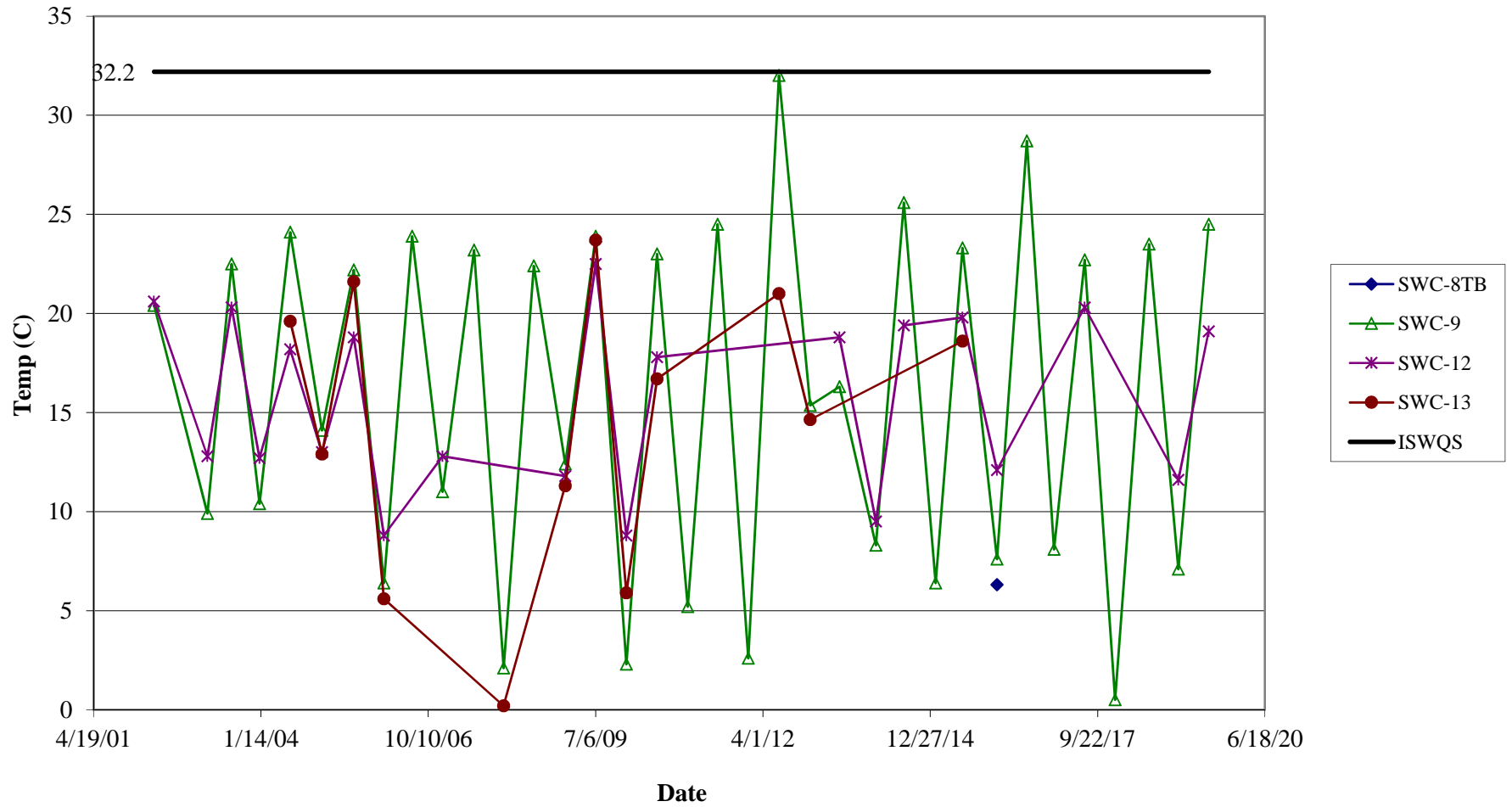
Temperature

Eagle Point Landfill - Forsyth Co., GA



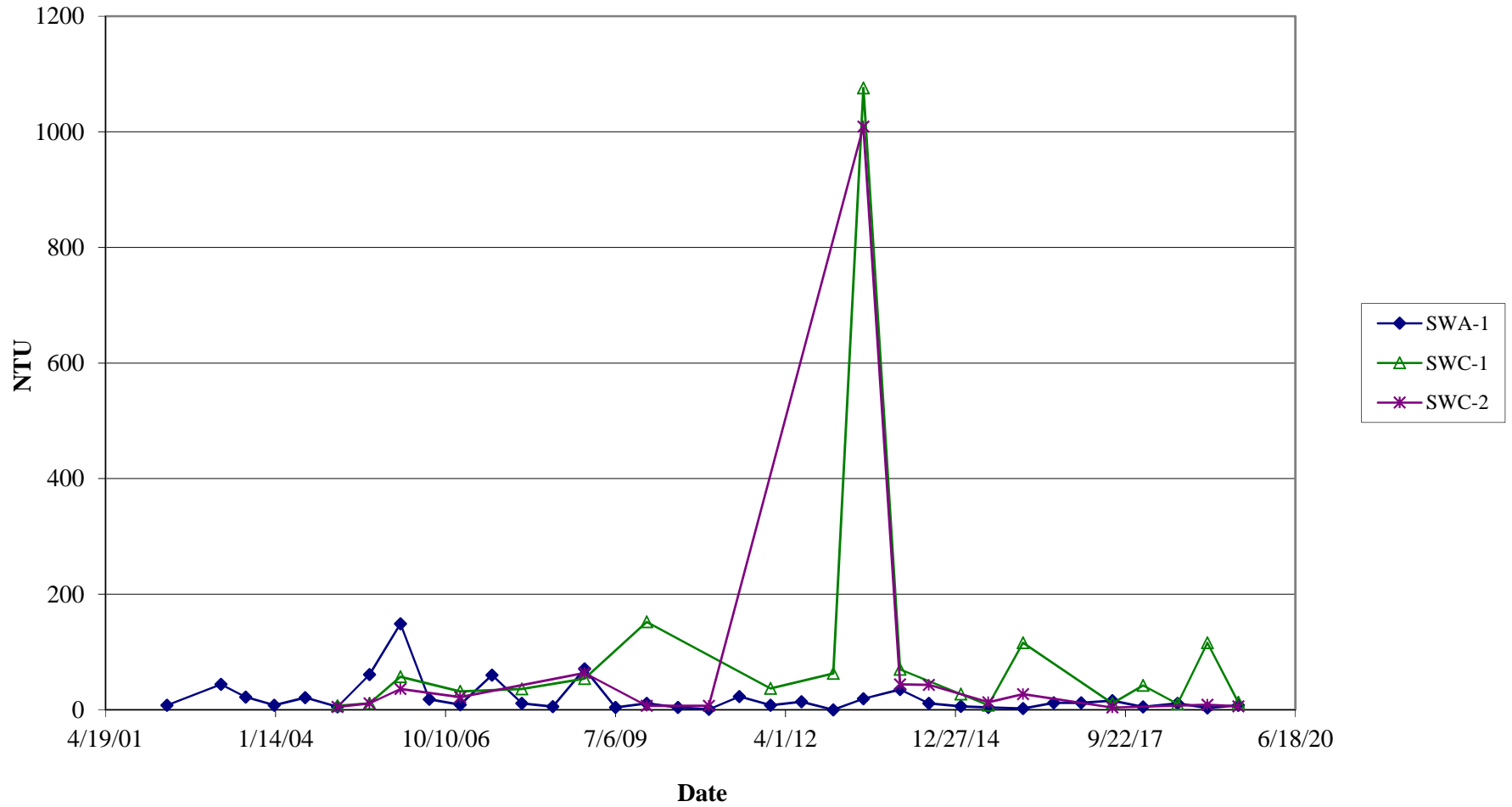
Temperature

Eagle Point Landfill - Forsyth Co., GA



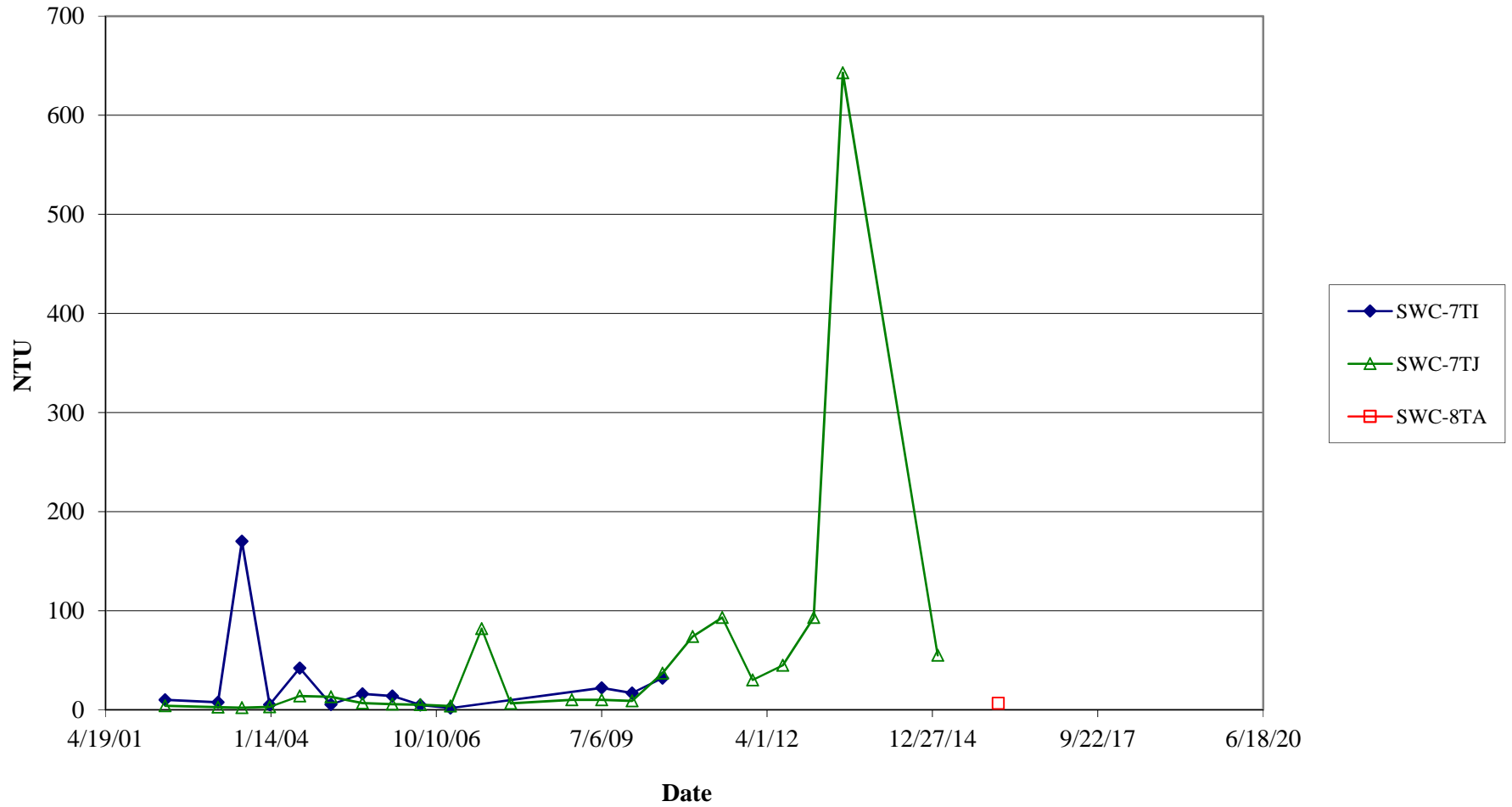
Turbidity

Eagle Point Landfill - Forsyth Co., GA



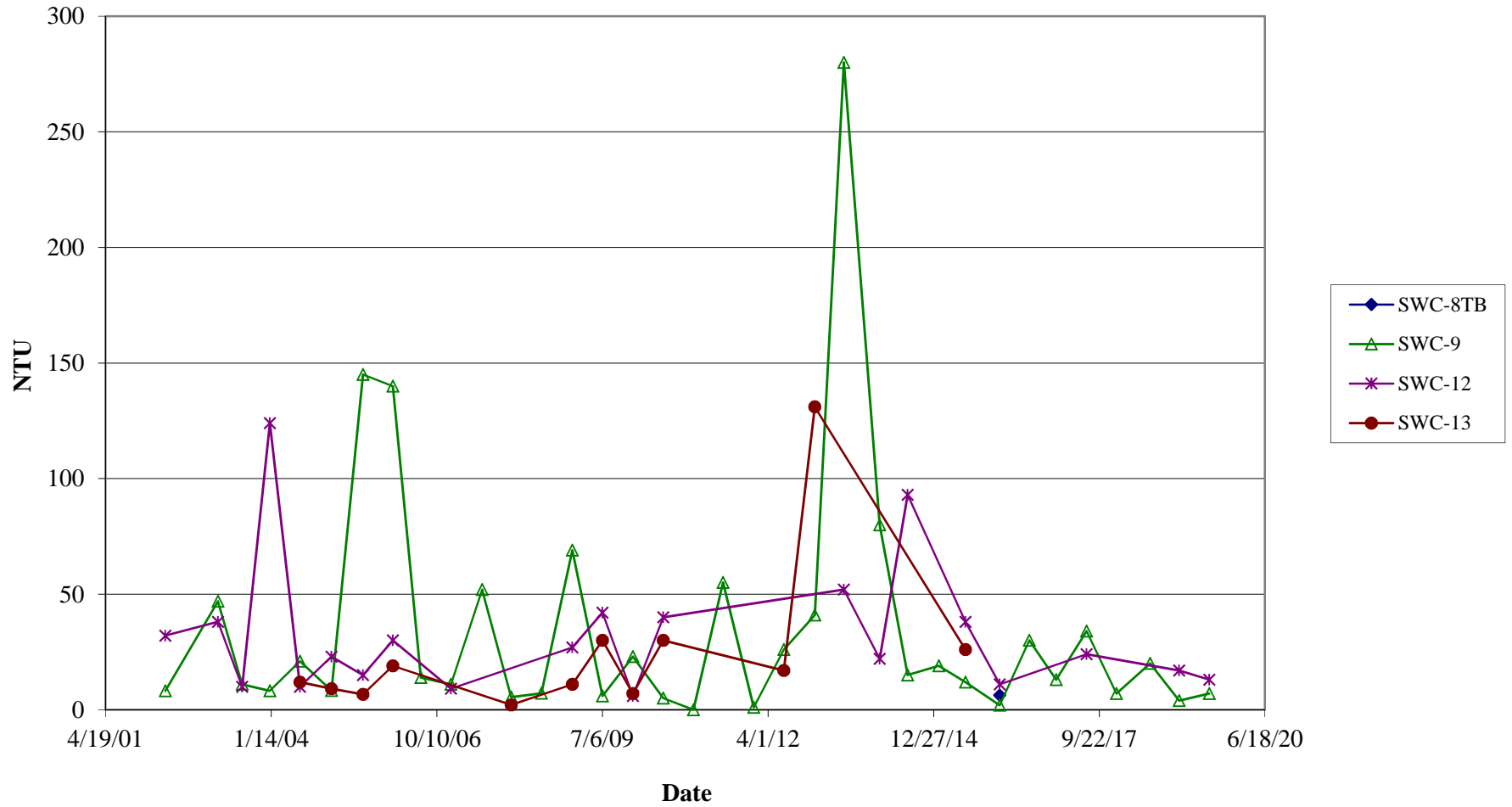
Turbidity

Eagle Point Landfill - Forsyth Co., GA



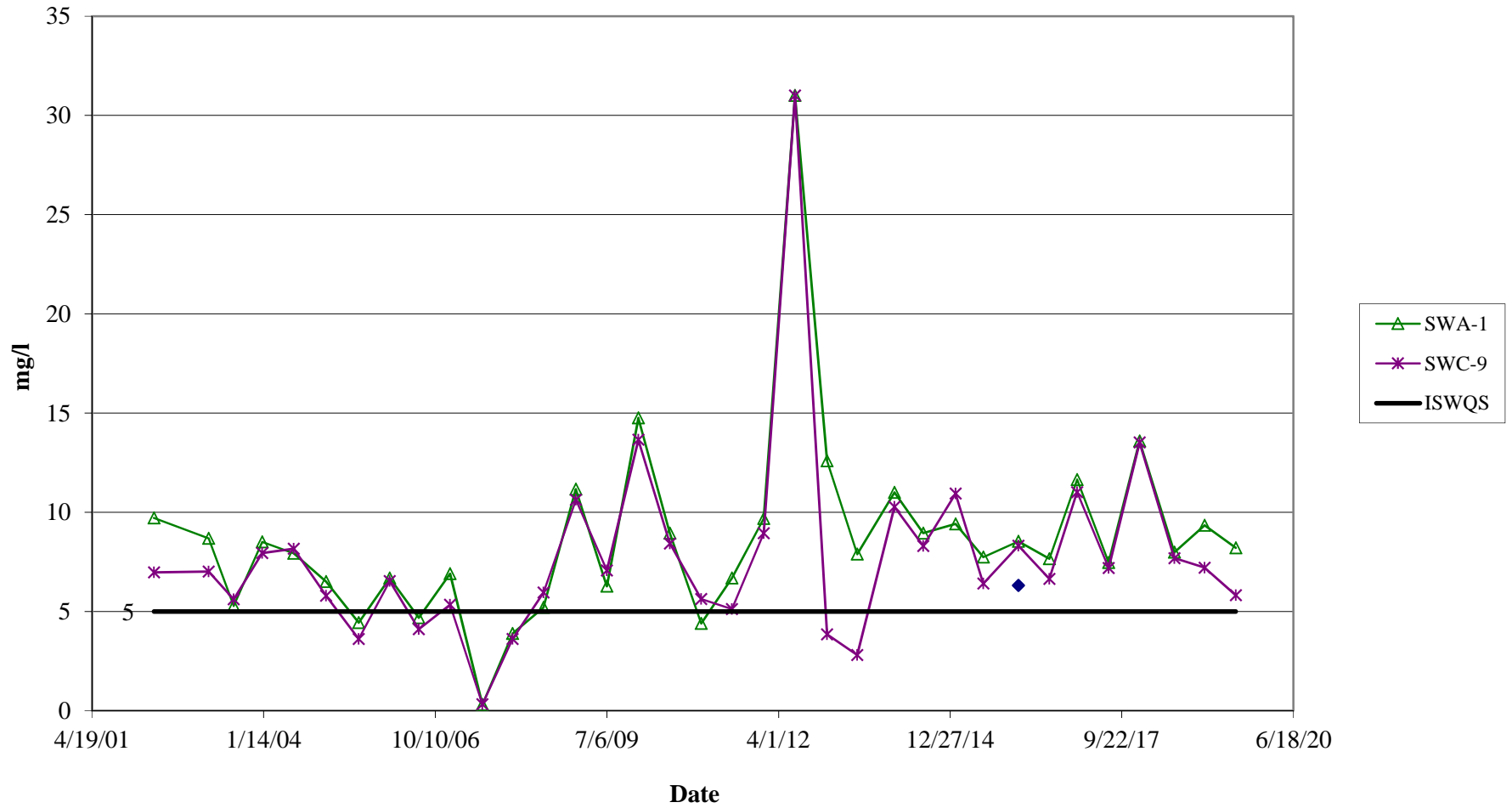
Turbidity

Eagle Point Landfill - Forsyth Co., GA



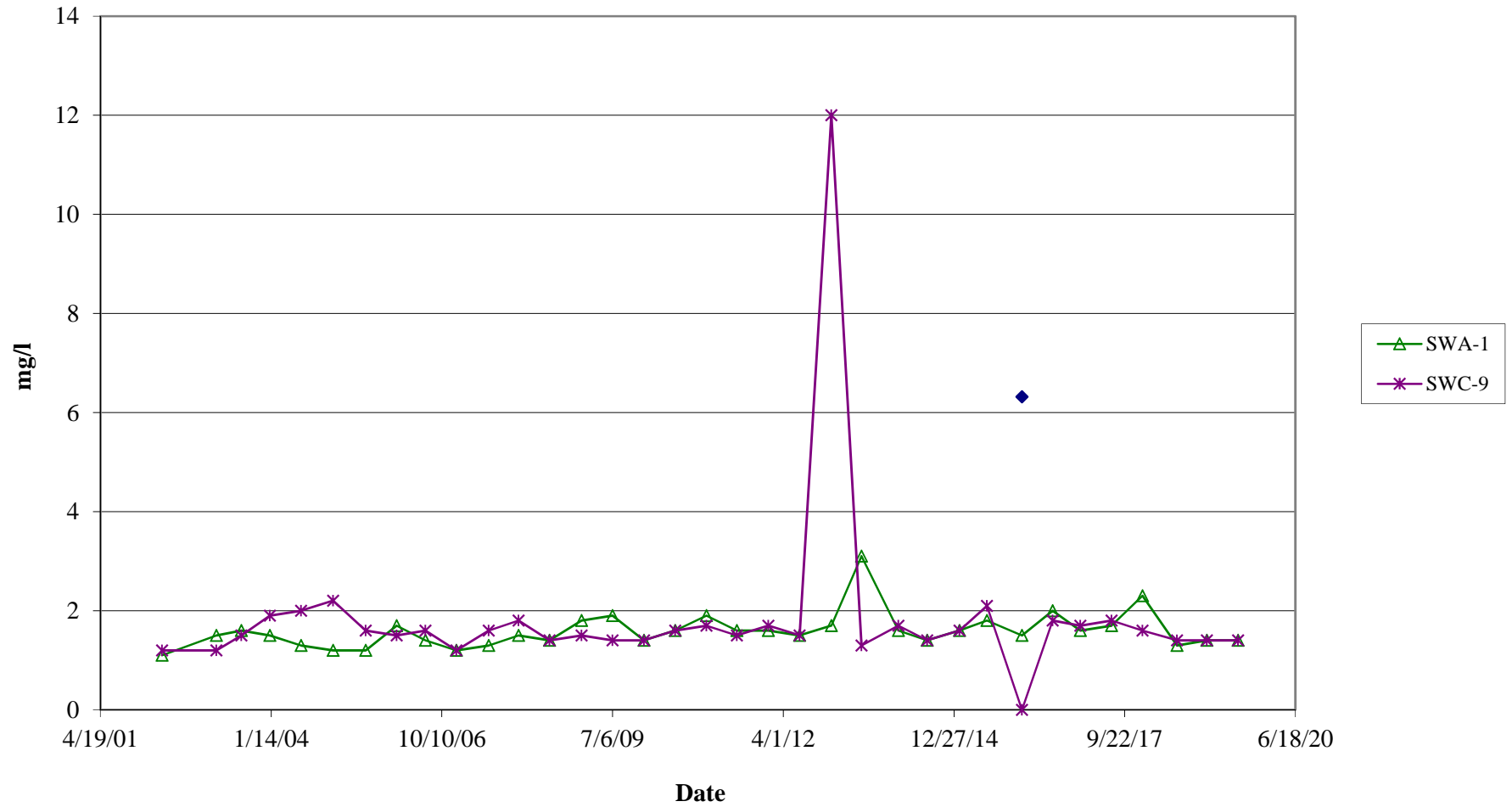
Dissolved Oxygen

Eagle Point Landfill - Forsyth Co., GA



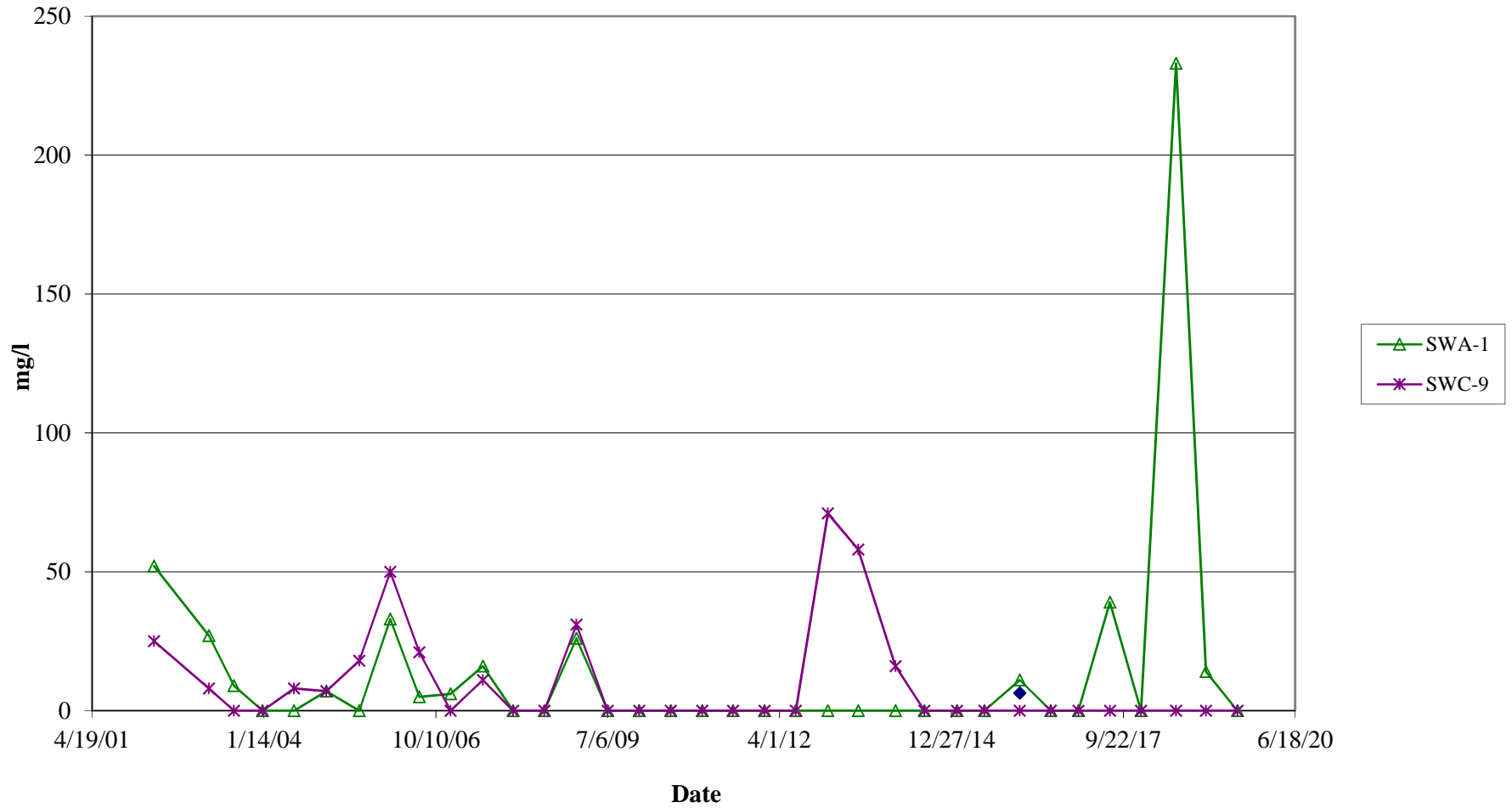
Chloride

Eagle Point Landfill - Forsyth Co., GA



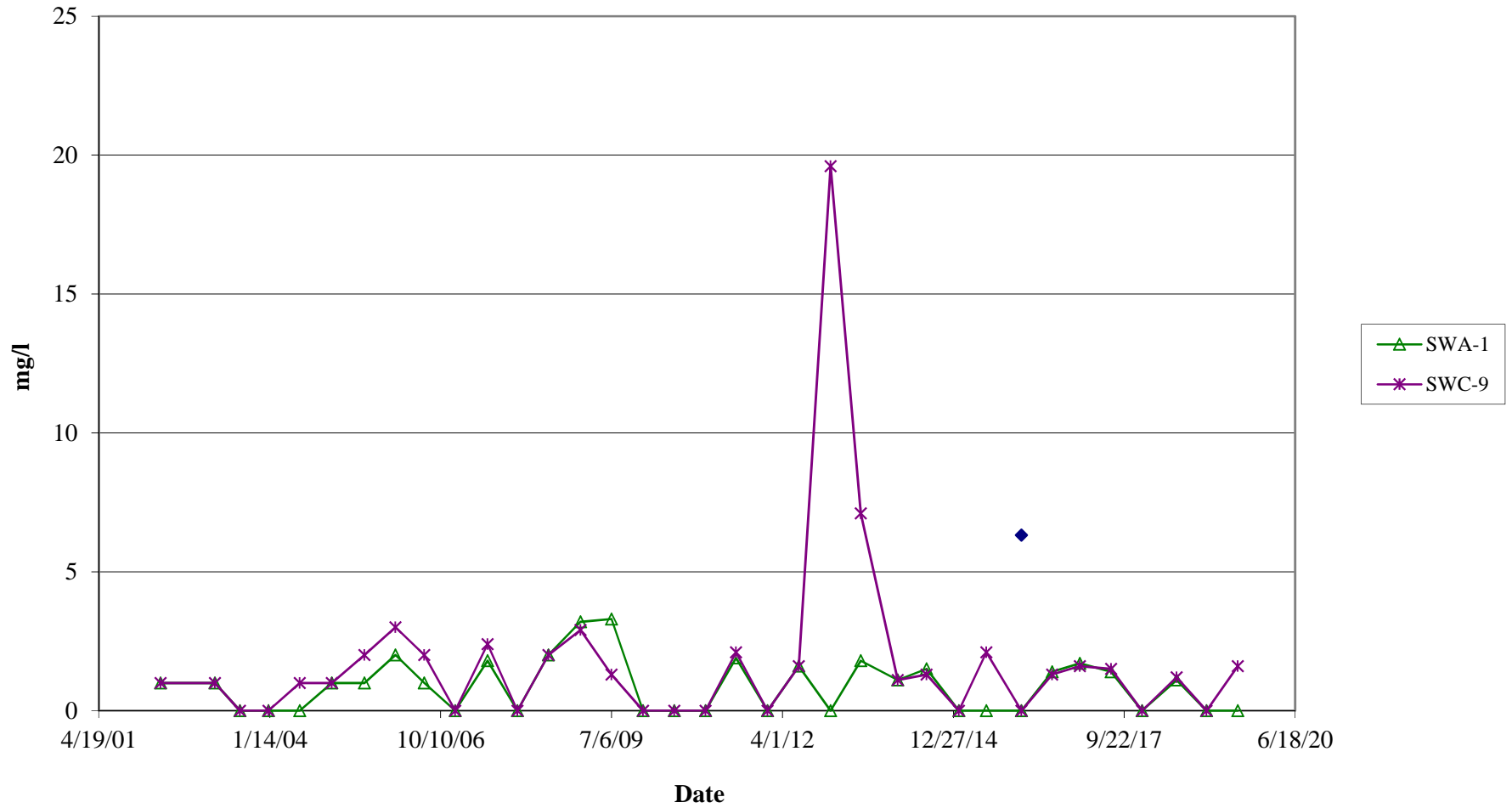
COD

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 J19-1472-158**

COMPOUND	TOTAL	ND	DETECTED	%ND	STATISTICAL TEST
Total Arsenic	745	742	3	99.6%	Non-Parametric Prediction Limits
Total Barium	745	277	468	37.2%	Kruskal-Wallis
Total Cadmium	745	744	1	99.9%	Non-Parametric Prediction Limits
Total Beryllium	745	743	2	99.7%	Non-Parametric Prediction Limits
Total Chromium	745	703	42	94.4%	Non-Parametric Prediction Limits
Total Cobalt	745	724	21	97.2%	Non-Parametric Prediction Limits
Total Copper	745	724	21	97.2%	Non-Parametric Prediction Limits
Total Lead	745	738	7	99.1%	Non-Parametric Prediction Limits
Total Nickel	745	727	18	97.6%	Non-Parametric Prediction Limits
Total Selenium	745	734	11	98.5%	Non-Parametric Prediction Limits
Total Vanadium	745	705	40	94.6%	Non-Parametric Prediction Limits
Total Zinc	745	584	161	78.4%	Kruskal-Wallis
Acetone	745	745	0	100.0%	Non-Parametric Prediction Limits
Benzene	748	742	6	99.2%	Non-Parametric Prediction Limits
Carbon Disulfide	745	743	2	99.7%	Non-Parametric Prediction Limits
Chloroform	745	744	1	99.9%	Non-Parametric Prediction Limits
Cis 1,2-dichloroethene	730	724	6	99.2%	Non-Parametric Prediction Limits

Sampling Event	# Detected
N 1	46
N 2	35
N 3	34
N 4	29
N 5	50
N 6	32
N 7	19
N 8	29
N 9	16
N 10	21
N 11	14
N 12	13
N 13	12
N 14	13
N 15	8
N 16	17
N 17	8
N 18	19
N 19	19
N 20	20
N 21	14
N 22	16
N 23	18
N 24	16
N 25	24
N 26	16
N 27	17
N 28	16
N 29	18
N 30	16
N 31	17
N 32	23
N 33	19
N 34	22

LEGEND FOR THE FOLLOWING PAGES:

ND = *Not Detected* at the method detection limit
MCL = *Primary Maximum Contaminant Level* ; GEPD Rule 391-3-5-.18.
NE = *Not Established* ; GEPD has not established a MCL
NP = *Not Present* during sampling event
NS = *Not Sampled*
NT = *Not Tested*
A = *Abandoned* well
MDL = *Method Detection Limit*

N 35	23
N 36	27
N2 new wells	0
N1 new wells	0
N2&N3 New Wells	1
N 37	25
N4 new wells	1
N38	27

Total Detected Concentrations (per compound) = 810
 Total Detected Concentrations (per event) = 810
 Are all accounted for ? Yes
 Statistical Package Prepared By: IAI
 Statistical Package Checked By: TJD/MSP

Eagle Point MSW Landfill
 Forsyth County, Georgia
 BLE Project Number 119-1472-158

Compound: Total Arsenic
 GA MCL (µg/l): 10
 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(10)	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-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	50
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
01/05/09	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	10
07/06/09	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	10
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07/08/10	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	10
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07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
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	10
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	10
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	10
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	10
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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	10
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	10
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	10
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	10
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	10
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	10
10/02/18	NT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10
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	10
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	10
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	10

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

2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 38.

3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 25.

4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'm' = 2.

n = 76
 PL = 25
 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(10)	% 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-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

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 J19-1472-158**

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

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

$$\begin{aligned}
 X_{\text{bar}} &= 50.2513514 \\
 SD &= 69.5592219 \\
 N &= 37 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 1021855.18 \\
 \gamma_1 &= 3.16354518
 \end{aligned}$$

Since the Coefficient of Skewness of 3.16 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.33133423 \\
 SD &= 1.03492536 \\
 N &= 37 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.66880304 \\
 \gamma_1 &= 0.62866602
 \end{aligned}$$

Since the Coefficient of Skewness of 0.63 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

Part 2: Shewhart-CUSUM Control Chart

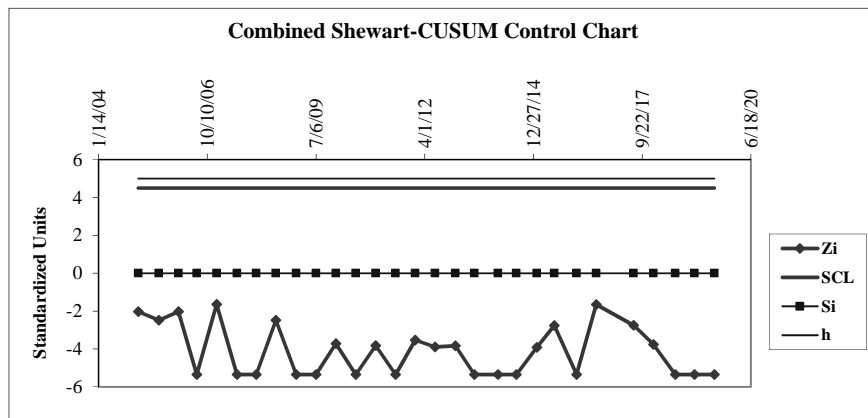
Compute the mean and standard deviation of the historical data:

- 4.88793432 = x_{mean} (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
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

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 J19-1472-158**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GW/C-5	MDL
3/2/02	40	20
4/15/02	50	20
5/28/02	50	20
7/8/02	90	20
2/28/03	80	20
7/23/03	40	20
1/6/04	110	20
7/8/04	50	20
1/13/05	70	20
7/22/05	30	20
1/18/06	90	20
7/6/06	40	20
1/4/07	40	20
7/11/07	90	20
1/3/08	40	20
7/2/08	50	20
1/5/09	52	20
7/6/09	43	20
1/6/10	68	20
7/8/10	53	20
1/7/11	37.3	20
7/7/11	32.5	20
1/5/12	36.6	20
7/6/12	33.3	20
1/9/13	37	20
7/3/13	36.5	20
2/5/14	35.3	20
7/23/14	31	20
1/28/15	35.5	20
7/8/15	28.9	20
1/29/16	39.2	20
7/27/16	28.6	20
1/5/17	30.3	20
7/6/17	33.3	20
1/4/18	33.5	20
7/25/18	41	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20

1/17/19	38	20
2/20/19	NT	20
7/18/19	40	20

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

$$\begin{aligned} X_{\text{bar}} &= 47.4684211 \\ \text{SD} &= 20.1957194 \\ N &= 38 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 12574.5931 \\ \gamma_1 &= 1.58887145 \end{aligned}$$

Since the Coefficient of Skewness of 1.59 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.

$$\begin{aligned} X_{\text{bar}} &= 3.79110649 \\ \text{SD} &= 0.35535489 \\ N &= 38 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.04572618 \\ \gamma_1 &= 1.06059797 \end{aligned}$$

Since the Coefficient of Skewness of 1.06 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 J19-1472-158**

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

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

$$\begin{aligned}
 X_{\text{bar}} &= 54.2815789 \\
 SD &= 16.1464389 \\
 N &= 38 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -1981.5375 \\
 \gamma_1 &= 0.48994221
 \end{aligned}$$

Since the Coefficient of Skewness of 0.49 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.94037561 \\
 SD &= 0.35433321 \\
 N &= 38 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.046575 \\
 \gamma_1 &= 1.08965831
 \end{aligned}$$

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

Part 2: Shewhart-CUSUM Control Chart

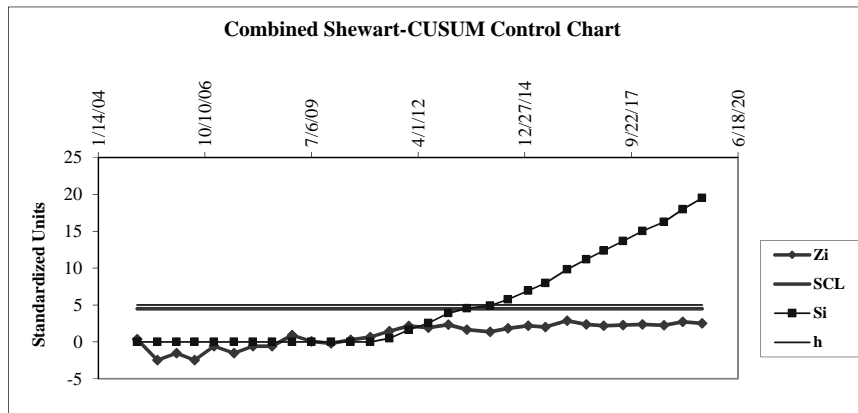
Compute the mean and standard deviation of the historical data:

- 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

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 J19-1472-158**

Compound: Total Barium
GA MCL ($\mu\text{g/l}$): 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

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

$$\begin{aligned}
 X_{\text{bar}} &= 46.8736842 \\
 SD &= 45.4090459 \\
 N &= 38 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 285027.097 \\
 \gamma_1 &= 3.16834034
 \end{aligned}$$

Since the Coefficient of Skewness of 3.17 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.63299168 \\
 SD &= 0.55295521 \\
 N &= 38 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.33583083 \\
 \gamma_1 &= 2.06739516
 \end{aligned}$$

Since the Coefficient of Skewness of 2.07 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 J19-1472-158**

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

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

$$\begin{aligned}
 X_{\text{bar}} &= 37.9157895 \\
 SD &= 20.3721926 \\
 N &= 38 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 1304.53542 \\
 \gamma_1 &= 0.16058884
 \end{aligned}$$

Since the Coefficient of Skewness of 0.16 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the real detected values shown above.

$$\begin{aligned}
 X_{\text{bar}} &= 3.46142268 \\
 SD &= 0.63666205 \\
 N &= 38 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.1157965 \\
 \gamma_1 &= 0.46702647
 \end{aligned}$$

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

Part 2: Shewhart-CUSUM Control Chart

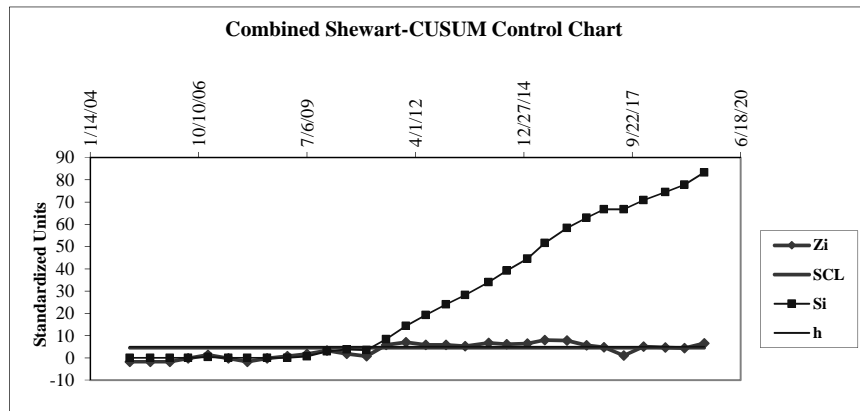
Compute the mean and standard deviation of the historical data:

- 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

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 J19-1472-158**

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

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

$$\begin{aligned}
 X_{\text{bar}} &= 134.746667 \\
 SD &= 174.502105 \\
 N &= 30 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 5999000.52 \\
 \gamma_1 &= 1.18785047
 \end{aligned}$$

Since the Coefficient of Skewness of 1.19 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.99233225 \\
 SD &= 1.39754297
 \end{aligned}$$

$$N = 30$$

$$1/\sum_i (X_i - X_{bar})^3 = 1.10301058$$

$$\gamma_1 = 0.42517631$$

Since the Coefficient of Skewness of 0.43 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

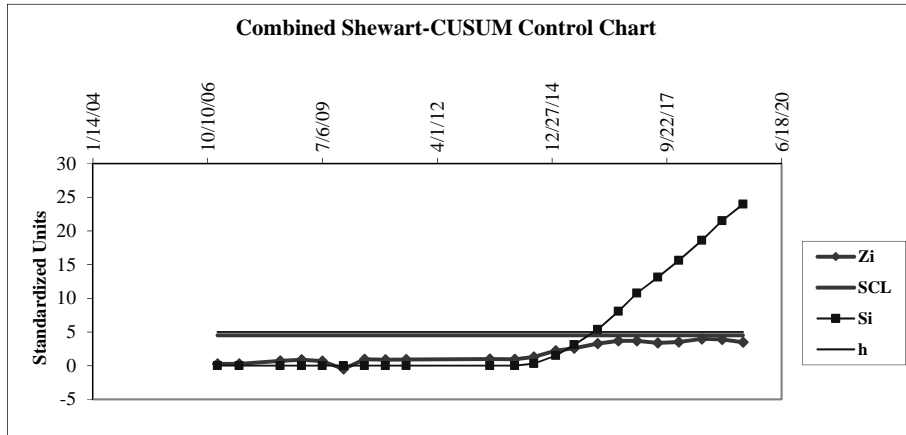
Compute the mean and standard deviation of the historical data:

- 2.75052496 = x_{mean} (Mean of N1-N8 historical data)
- 0.89587973 = 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	2.99573227	0.27370561	0	5	4.5
7/11/07	2.99573227	0.27370561	0	5	4.5
7/2/08	3.40119738	0.72629439	0	5	4.5
1/5/09	3.55534806	0.89836065	0	5	4.5
7/6/09	3.36729583	0.68845275	0	5	4.5
1/6/10	2.30258509	-0.5	0	5	4.5
7/8/10	3.61091791	0.9603889	0	5	4.5
1/7/11	3.53805656	0.87905951	0	5	4.5
7/7/11	3.57234564	0.91733371	0	5	4.5
7/3/13	3.62700405	0.97834459	0	5	4.5
2/5/14	3.61630876	0.96640628	0	5	4.5
7/23/14	3.90399083	1.28752312	0.28752312	5	4.5
1/28/15	4.74493213	2.22619967	1.51372279	5	4.5
7/8/15	5.07517382	2.59482246	3.10854525	5	4.5
1/29/16	5.68017261	3.27013497	5.37868022	5	4.5
7/27/16	6.05678401	3.69051662	8.06919684	5	4.5
1/5/17	6.05443935	3.68789946	10.7570963	5	4.5
7/6/17	5.768321	3.36852807	13.1256244	5	4.5
1/4/18	5.90263333	3.51845036	15.6440747	5	4.5
7/25/18	6.30991828	3.97307047	18.6171452	5	4.5
1/17/19	6.23441073	3.88878733	21.5059325	5	4.5
7/18/19	5.85793315	3.46855507	23.9744876	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 J19-1472-158**

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

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

$$\begin{aligned} X_{\text{bar}} &= 41.2935484 \\ \text{SD} &= 46.4421643 \\ N &= 31 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 364150.722 \\ \gamma_1 &= 3.81860276 \end{aligned}$$

Since the Coefficient of Skewness of 3.82 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.

$$\begin{aligned} X_{\text{bar}} &= 3.46199679 \\ \text{SD} &= 0.62514439 \\ N &= 31 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.30162989 \\ \gamma_1 &= 1.29686279 \end{aligned}$$

Since the Coefficient of Skewness of 1.30 is greater than 1.0, the data appear to be significantly skewed.
Do not assume that the data follow a Normal distribution.
A non-parametric testing procedure should be used on the data set.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J19-1472-158**

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-11	MDL
7/8/04	NP	20
1/13/05	NP	20
7/22/05	NP	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

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

$$\begin{aligned}
 X_{\text{bar}} &= 73.696 \\
 SD &= 72.1385443 \\
 N &= 25 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 465951.561 \\
 \gamma_1 &= 1.31956807
 \end{aligned}$$

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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.87601808 \\
 SD &= 0.93900444 \\
 N &= 25
 \end{aligned}$$

$$1/N \sum_i (X_i - \bar{X}_{bar})^3 = 0.19592195$$

$$\gamma_1 = 0.25157838$$

Since the Coefficient of Skewness of 0.25 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:

$$3.12941239 = x_{mean} \text{ (Mean of N1-N8 historical data)}$$

$$0.65155805 = s \text{ (Standard Deviation of N1-N8 historical data)}$$

$$1 = k \text{ (constant, reference value)}$$

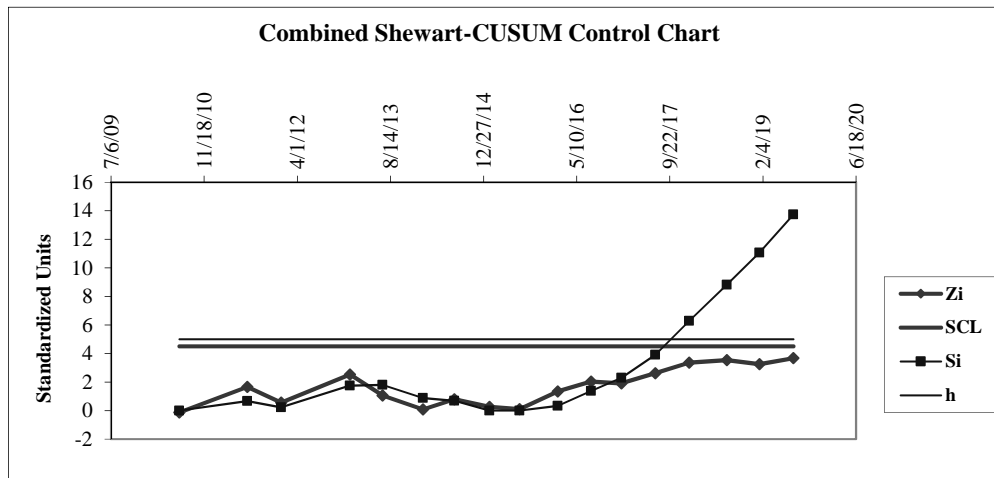
$$5 = h \text{ (constant, upper control limit for the CUSUM scheme)}$$

$$4.5 = SCL \text{ (Constant, upper Shewhart Control Limit)}$$

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	3.04452244	-0.13028762	0	5	4.5
7/7/11	4.2121276	1.66173252	0.66173252	5	4.5
1/5/12	3.49650756	0.56341131	0.22514383	5	4.5
1/9/13	4.77068462	2.51899616	1.74413999	5	4.5
7/3/13	3.81990772	1.05976025	1.80390025	5	4.5
2/5/14	3.18221184	0.08103568	0.88493593	5	4.5
7/23/14	3.6454499	0.79200542	0.67694135	5	4.5
1/28/15	3.30321697	0.26675226	0	5	4.5
7/8/15	3.19047635	0.09371991	0	5	4.5
1/29/16	4.00186371	1.33902316	0.33902316	5	4.5
7/27/16	4.4578296	2.03883169	1.37785485	5	4.5
1/5/17	4.37449837	1.91093637	2.28879122	5	4.5
7/6/17	4.83628191	2.61967373	3.90846495	5	4.5
1/4/18	5.32300998	3.36669553	6.27516048	5	4.5
7/25/18	5.43807931	3.54330195	8.81846243	5	4.5
1/17/19	5.24702407	3.25007368	11.0685361	5	4.5
7/18/19	5.52146092	3.67127459	13.7398107	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 J19-1472-158**

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

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

$$\begin{aligned}
 X_{\text{bar}} &= 58.5111111 \\
 SD &= 51.3146878 \\
 N &= 27 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 172253.75 \\
 \gamma_1 &= 1.3490537
 \end{aligned}$$

Since the Coefficient of Skewness of 1.35 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.68443704 \\
 SD &= 0.94137669 \\
 N &= 27 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.1257482
 \end{aligned}$$

$$\gamma_1 = 0.15951331$$

Since the Coefficient of Skewness of 0.16 is less than 1.0, the data appear not to be significantly skewed. Proceed with further statistical tests using the log-transformed values shown above.

Part 2: Shewhart-CUSUM Control Chart

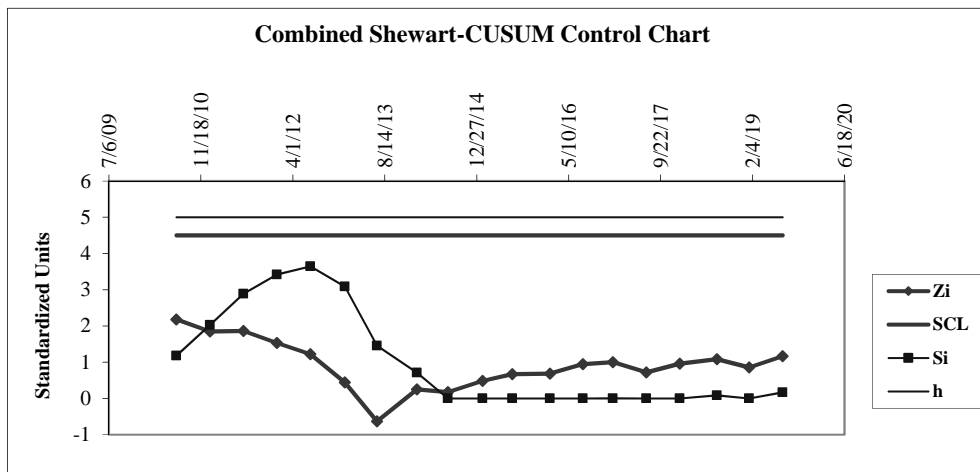
Compute the mean and standard deviation of the historical data:

- 2.9836426 = 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

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 J19-1472-158**

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

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

$$\begin{aligned}
 X_{\text{bar}} &= 31.1964286 \\
 SD &= 18.505004 \\
 N &= 28 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 9093.25116 \\
 \gamma_1 &= 1.51545498
 \end{aligned}$$

Since the Coefficient of Skewness of 1.52 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.29004087 \\
 SD &= 0.56021611 \\
 N &= 28 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= -0.0054919
 \end{aligned}$$

$$\gamma_1 = 0.03298708$$

Since the Coefficient of Skewness of 0.03 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

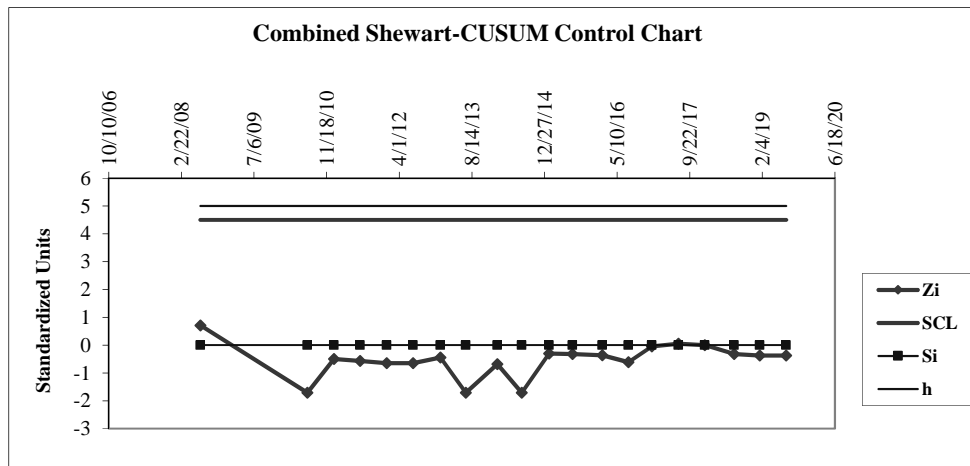
Compute the mean and standard deviation of the historical data:

- 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

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 J19-1472-158**

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

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

$$\begin{aligned} X_{\text{bar}} &= 81.55 \\ SD &= 95.0604515 \\ N &= 10 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 1899626.28 \\ \gamma_1 &= 2.59002995 \end{aligned}$$

Since the Coefficient of Skewness of 2.59 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.

$$\begin{aligned} X_{\text{bar}} &= 4.11266632 \\ SD &= 0.65708209 \\ N &= 10 \\ 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.49244562 \\ \gamma_1 &= 2.03299175 \end{aligned}$$

Since the Coefficient of Skewness of 2.03 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 J19-1472-158**

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

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

$$\begin{aligned}
 X_{\text{bar}} &= 70.0193548 \\
 SD &= 20.6374646 \\
 N &= 31 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 7614.31512 \\
 \gamma_1 &= 0.90996037
 \end{aligned}$$

Since the Coefficient of Skewness of 0.91 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.

$$\begin{aligned}
 X_{\text{bar}} &= 4.2088603 \\
 SD &= 0.2862913 \\
 N &= 31 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.00144701 \\
 \gamma_1 &= 0.06477508
 \end{aligned}$$

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

Part 2: Shewhart-CUSUM Control Chart

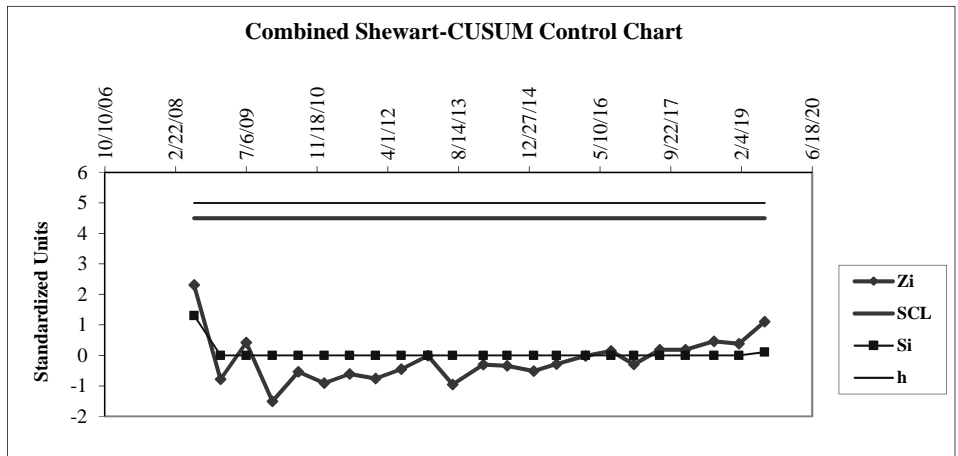
Compute the mean and standard deviation of the historical data:

- 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

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 J19-1472-158**

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

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

$$\begin{aligned}
 X_{\text{bar}} &= 43.2052632 \\
 SD &= 27.7105771 \\
 N &= 19 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 18506.7701 \\
 \gamma_1 &= 0.94322557
 \end{aligned}$$

Since the Coefficient of Skewness of 0.94 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.57813695 \\
 \text{SD} &= 0.63227758 \\
 N &= 19 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.02316239 \\
 \gamma_1 &= 0.09937604
 \end{aligned}$$

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

Part 2: Shewhart-CUSUM Control Chart

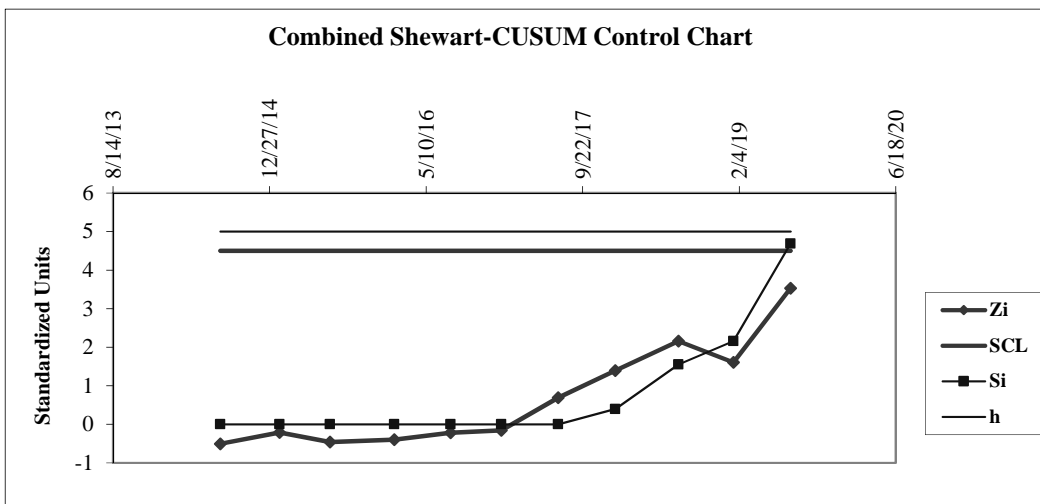
Compute the mean and standard deviation of the historical data:

$$\begin{aligned}
 32.8333333 &= x_{\text{mean}} \text{ (Mean of N1-N8 historical data)} \\
 21.8629755 &= s \text{ (Standard Deviation of N1-N8 historical data)} \\
 1 &= k \text{ (constant, reference value)} \\
 5 &= h \text{ (constant, upper control limit for the CUSUM scheme)} \\
 4.5 &= \text{SCL (Constant, upper Shewhart Control Limit)}
 \end{aligned}$$

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
7/23/14	21.8	-0.50465836	0	5	4.5
1/28/15	28.2	-0.21192602	0	5	4.5
7/8/15	22.8	-0.45891893	0	5	4.5
1/29/16	24.1	-0.39945767	0	5	4.5
7/27/16	28.1	-0.21649996	0	5	4.5
1/5/17	29.5	-0.15246476	0	5	4.5
7/6/17	48	0.69371466	0	5	4.5
1/4/18	63.3	1.39352792	0.39352792	5	4.5
7/25/18	80	2.15737637	1.55090429	5	4.5
1/17/19	68	1.60850323	2.15940751	5	4.5
7/18/19	110	3.52955922	4.68896673	5	4.5

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 J19-1472-158

Compound: Total Barium
GA MCL (µg/l): 2000
Method: Kendall-Mann Non-Parametric Trend Test
(Concentration [µg/l] vs. Turbidity [NTU])

Date	GWC-5	(0.5 MDL if ND)	turbidity	(value for testing)	GWC-7A	(0.5 MDL if ND)	turbidity	(value for testing)	GWC-10	(0.5 MDL if ND)	turbidity	(value for testing)	GWC-14R	(0.5 MDL if ND)	turbidity	(value for testing)	MDL
03/02/02	40	40	95.0	95.0	250	250	1081.0	1081.0	NP	NP	NP	NP	NP	NP	NP	NP	20
04/15/02	50	50	92.0	92.0	170	170	687.0	687.0	NP	NP	NP	NP	NP	NP	NP	NP	20
05/28/02	50	50	145.0	145.0	130	130	446.0	446.0	NP	NP	NP	NP	NP	NP	NP	NP	20
07/08/02	90	90	290.0	290.0	40	40	45.0	45.0	NP	NP	NP	NP	NP	NP	NP	NP	20
02/28/03	80	80	115.0	115.0	100	100	293.0	293.0	50	50	48.0	48.0	NP	NP	NP	NP	20
07/23/03	40	40	184.0	184.0	70	70	352.0	352.0	20	20	2.7	2.7	NP	NP	NP	NP	20
01/06/04	110	110	88.0	88.0	70	70	155.0	155.0	50	50	21.0	21.0	NP	NP	NP	NP	20
07/08/04	50	50	113.0	113.0	50	50	138.0	138.0	60	60	154.0	154.0	NP	NP	NP	NP	20
01/13/05	70	70	152.0	152.0	30	30	45.0	45.0	40	40	24.0	24.0	NP	NP	NP	NP	20
07/22/05	30	30	35.0	35.0	30	30	20.0	20.0	260	260	474.0	474.0	NP	NP	NP	NP	20
01/18/06	90	90	232.0	232.0	30	30	67.0	67.0	30	30	29.0	29.0	NP	NP	NP	NP	20
07/06/06	40	40	78.0	78.0	40	40	61.0	61.0	30	30	4.9	4.9	NP	NP	NP	NP	20
01/04/07	40	40	65.0	65.0	40	40	26.0	26.0	30	30	5.6	5.6	NP	NP	NP	NP	20
07/11/07	90	90	160.0	160.0	40	40	17.0	17.0	40	40	39.0	39.0	NP	NP	NP	NP	20
01/03/08	40	40	22.0	22.0	40	40	12.0	12.0	40	40	21.0	21.0	NP	NP	NP	NP	20
07/02/08	50	50	74.0	74.0	30	30	12.0	12.0	140	140	19.0	19.0	NP	NP	NP	NP	20
01/05/09	52	52	31.0	31.0	26	26	1.0	1.0	ND	10	0.0	0.0	NP	NP	NP	NP	20
07/06/09	43	43	5.0	5.0	30	30	6.0	6.0	22	22	0.0	0.0	NP	NP	NP	NP	20
01/06/10	68	68	109.0	109.0	27	27	8.0	8.0	22	22	10.0	10.0	NP	NP	NP	NP	20
07/08/10	53	53	43.0	43.0	28	28	6.0	6.0	21	21	7.0	7.0	NP	NP	NP	NP	20
01/07/11	37.3	37.3	0.0	0.0	27.3	27.3	0.0	0.0	Dry	Dry	Dry	Dry	NP	NP	NP	NP	20
07/07/11	32.5	32.5	0.0	0.0	27.2	27.2	1.0	1.0	Dry	Dry	Dry	Dry	NP	NP	NP	NP	20
01/05/12	36.6	36.6	0.0	0.0	28.3	28.3	0.0	0.0	Dry	Dry	Dry	Dry	NP	NP	NP	NP	20
07/06/12	33.3	33.3	18.0	18.0	29.3	29.3	6.0	6.0	22.5	22.5	7.0	7.0	NP	NP	NP	NP	20
01/09/13	37	37	10.0	10.0	28.7	28.7	7.0	7.0	22.3	22.3	10.0	10.0	NP	NP	NP	NP	20
07/03/13	36.5	36.5	3.0	3.0	26.8	26.8	0.0	0.0	ND	10	0.0	0.0	NP	NP	NP	NP	20
02/05/14	35.3	35.3	3.0	3.0	25.6	25.6	1.0	1.0	20.4	20.4	7.0	7.0	NP	NP	NP	NP	20
07/23/14	31	31	0.0	0.0	26.2	26.2	0.0	0.0	22.5	22.5	5.0	5.0	NP	NP	NP	NP	20
01/28/15	35.5	35.5	4.0	4.0	28.8	28.8	4.0	4.0	26.2	26.2	5.0	5.0	61.6	61.6	0.0	0.0	20
07/08/15	28.9	28.9	0.0	0.0	27.1	27.1	3.0	3.0	26.4	26.4	6.0	6.0	69.8	69.8	0.0	0.0	20
01/29/16	39.2	39.2	4.0	4.0	28.1	28.1	6.0	6.0	26.9	26.9	1.0	1.0	53.9	53.9	0.0	0.0	20
07/27/16	28.6	28.6	3.0	3.0	29.1	29.1	0.0	0.0	29.1	29.1	0.0	0.0	48.8	48.8	0.0	0.0	20
01/05/17	30.3	30.3	0.0	0.0	30.1	30.1	0.0	0.0	29.9	29.9	2.0	2.0	67.4	67.4	3.0	3.0	20
07/06/17	33.3	33.3	0.0	0.0	28.4	28.4	0.0	0.0	43.2	43.2	0.0	0.0	31.9	31.9	3.0	3.0	20
01/04/18	33.5	33.5	3.0	3.0	29.2	29.2	4.0	4.0	34.7	34.7	8.0	8.0	44.1	44.1	3.0	3.0	20
07/25/18	41	41	3.0	3.0	29	29	0.0	0.0	31	31	1.0	1.0	350	350	1.0	1.0	20
10/02/18	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	20
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20
01/17/19	38	38	2.0	2.0	31	31	2.0	2.0	34	34	2.0	2.0	43	43	1.0	1.0	20
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20
07/18/19	40	40	2.0	2.0	30	30	3.0	3.0	36	36	2.0	2.0	45	45	1.0	1.0	20
Trendline Slope =	0.2037				0.2045				0.1476				0.0085				
Standard Deviation =	20.196				45.409				46.442				95.06				
number of observations n =	38				38				31				10				
S =	442				451				183				-1				
uncorrected for ties τ =	0.63				0.64				0.39				-0.02				
U =	25				26				10				0				
corrected for ties τ =	0.64				0.65				0.40				-0.02				
Concentration Trend vs. Turbidity Trend	positive correlation				positive correlation				positive correlation				inconclusive				

Eagle Point MSW Landfill
 Forsyth County, Georgia
 BLE Project Number 119-1472-158

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(10)	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-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	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	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	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	3
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	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	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	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	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	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	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	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	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	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	3
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
01/05/09	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	3
07/06/09	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	3
01/06/10	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	3
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	3
01/07/11	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	3
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
01/05/12	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	3
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
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	3
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	3
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	3
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	3
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	3
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	3
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	3
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	3
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	3
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	3
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	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	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	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	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	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	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	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' = 38.

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 = 76
 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(10)	GWC-11	GWC-12(12)	GWC-13(13)	GWC-14(14)	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	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	
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

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 119-1472-158

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(10)	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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29							
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	s				
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	s			
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	s			
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	s			
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	s			
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	s			
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	s			
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	s		
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	s		
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	s		
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	s		
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	s		
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	s		
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	s	
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	s		
07/02/08	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	s	
01/05/09	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	s	
07/06/09	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	s	
01/06/10	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	s	
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	s	
01/07/11	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	s	
07/07/11	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	s	
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	s	
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	s	
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	s	
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	s	
02/05/14	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	s	
07/23/14	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	s	
01/28/15	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	s	
07/08/15	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	s	
01/29/16	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	s	
07/27/16	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	s	
01/05/17	ND	ND	ND	Dry	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	s	
07/06/17	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	s	
01/04/18	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	s
07/25/18	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	s
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	s	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	s
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	s
01/17/19	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	s
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	s
07/18/19	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	s

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' = 38.

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 = 76
PL = 2.5
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-10(10)	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-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

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 119-1472-158

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(10)	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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL
03/02/02	ND	10	30	10	ND	20	ND	ND	ND	60	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
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	10
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	10
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	10
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	10
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
01/07/11	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	10
07/07/11	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	10
01/05/12	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	10
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	10.7	ND	ND	ND	ND	15	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10
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	10
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	10
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	10

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

2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 38.

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 = 76
 PL = 30
 m = 3
 false positive rate (α) = 0.04

C =	1/2 GWC-1	1/2 GWC-2	1/2 GWC-3	1/2 GWC-4	1/2 GWC-5	1/2 GWC-6	1/2 GWC-7	1/2 GWC-7A	1/2 GWC-8	1/2 GWC-9	1/2 GWC-10(10)	1/2 GWC-11	1/2 GWC-12/12R	1/2 GWC-13/13R	1/2 GWC-14R	1/2 GWC-15	1/2 GWC-16	1/2 GWC-17	1/2 GWC-18	1/2 GWC-19	1/2 GWC-20	1/2 GWC-21	1/2 GWC-24	1/2 GWC-25	1/2 GWC-26	1/2 GWC-27	1/2 GWC-28	1/2 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

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 119-1472-158

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(10)	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-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	40
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
01/05/09	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	40
07/06/09	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	40
01/06/10	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	40
07/08/10	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	40
01/07/11	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	40
07/07/11	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	40
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
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	40
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	40
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	125	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	171	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	186	ND	ND	51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	155	ND	ND	75.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	87.3	ND	ND	60.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	208	ND	ND	48.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	250	ND	ND	87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	40	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	40	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	40	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	290	ND	44	47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40
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	40
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170	ND	57	73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40

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' = 38.

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 = 76
 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(10)	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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	
C =	20	20	20	20	20	20	20	20	20	20	170	57	73	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
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

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 J19-1472-158**

Compound: **Total Cobalt**
MCL (µg/l): Not Established
Method: Wilcoxon Rank Sum
Background: GWA-1, 2

	GWA-1	GWA-2	GWC-9	MDL
02/28/03	ND	ND	ND	40
07/23/03	ND	ND	ND	40
01/06/04	ND	ND	ND	40
07/08/04	ND	ND	ND	40
01/13/05	ND	ND	ND	40
07/22/05	ND	ND	ND	40
01/18/06	ND	ND	ND	40
07/06/06	ND	ND	ND	40
01/04/07	ND	ND	ND	40
07/11/07	ND	ND	ND	40
01/03/08	ND	ND	Dry	40
07/02/08	ND	ND	ND	40
01/05/09	ND	ND	ND	40
07/06/09	ND	ND	ND	40
01/06/10	ND	ND	ND	40
07/08/10	ND	ND	ND	40
01/07/11	ND	ND	ND	40
07/07/11	ND	ND	ND	40
01/05/12	ND	ND	Dry	40
07/06/12	ND	ND	Dry	40
01/09/13	ND	ND	Dry	40
07/03/13	ND	ND	ND	40
02/05/14	ND	ND	120	40
07/23/14	ND	ND	125	40
01/28/15	ND	ND	75	40
07/08/15	ND	ND	171	40
01/29/16	ND	ND	186	40
07/27/16	ND	ND	155	40
01/05/17	ND	ND	87	40
07/06/17	ND	ND	113	40
01/04/18	ND	ND	208	40
07/25/18	ND	ND	250	40
10/02/18	NS	NS	NS	40
10/08/18	NS	NS	NS	40
11/20/18	NS	NS	NS	40
01/17/19	ND	ND	290	40
02/20/19	NT	NT	NT	40
07/18/19	ND	ND	170	40

1) Rank the N = 98 observations from the smallest to the largest from background wells and compliance well GWC-9.

n = 30
m = 68
N = 98
Ci (GWC-9) = 1893.0

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

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

$$W = 1428$$

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

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

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

$$E(W) = 1020$$

Adjustment for tie values:

$$SD(W) = 73.869$$

4) Form the appropriate Z-score.

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

$$Z = 5.517$$

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

$$Z = 5.517$$

$$Z_{0.01} = 2.326$$

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 J19-1472-158**

Compound: Total Cobalt
MCL (µg/l): Not Established
Method: Wilcoxon Rank Sum
Background: GWA-1, 2

	GWA-1	GWA-2	GWC-11	MDL
02/28/03	ND	ND	ND	40
07/23/03	ND	ND	ND	40
01/06/04	ND	ND	ND	40
07/08/04	ND	ND	ND	40
01/13/05	ND	ND	ND	40
07/22/05	ND	ND	ND	40
01/18/06	ND	ND	ND	40
07/06/06	ND	ND	ND	40
01/04/07	ND	ND	ND	40
07/11/07	ND	ND	ND	40
01/03/08	ND	ND	ND	40
07/02/08	ND	ND	ND	40
01/05/09	ND	ND	Dry	40
07/06/09	ND	ND	ND	40
01/06/10	ND	ND	ND	40
07/08/10	ND	ND	ND	40
01/07/11	ND	ND	Dry	40
07/07/11	ND	ND	ND	40
01/05/12	ND	ND	ND	40
07/06/12	ND	ND	Dry	40
01/09/13	ND	ND	ND	40
07/03/13	ND	ND	ND	40
02/05/14	ND	ND	ND	40
07/23/14	ND	ND	ND	40
01/28/15	ND	ND	ND	40
07/08/15	ND	ND	ND	40
01/29/16	ND	ND	ND	40
07/27/16	ND	ND	ND	40
01/05/17	ND	ND	ND	40
07/06/17	ND	ND	ND	40
01/04/18	ND	ND	ND	40
07/25/18	ND	ND	ND	40
10/02/18	NS	NS	NS	40
10/08/18	NS	NS	NS	40
11/20/18	NS	NS	NS	40
01/17/19	ND	ND	44	40
02/20/19	NT	NT	NT	40
07/18/19	ND	ND	57	40

1) Rank the N = 99 observations from the smallest to the largest from background wells and compliance well GWC-11.

n = 31

m = 68

N = 99

Ci (GWC-11) = 1618.0

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

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

$$W = 1122$$

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

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

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

$$E(W) = 1054$$

Adjustment for tie values:

$$SD(W) = 32.301$$

4) Form the appropriate Z-score.

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

$$Z = 2.090$$

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

$$Z = 2.090$$

$$Z_{0.01} = 2.326$$

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 J19-1472-158**

Compound: **Total Cobalt**
MCL (µg/l): Not Established
Method: Wilcoxon Rank Sum
Background: GWA-1, 2

	GWA-1	GWA-2	GWC-12/12R	MDL
02/28/03	ND	ND	NP	40
07/23/03	ND	ND	NP	40
01/06/04	ND	ND	NP	40
07/08/04	ND	ND	ND	40
01/13/05	ND	ND	ND	40
07/22/05	ND	ND	ND	40
01/18/06	ND	ND	ND	40
07/06/06	ND	ND	ND	40
01/04/07	ND	ND	ND	40
07/11/07	ND	ND	NS	40
01/03/08	ND	ND	Dry	40
07/02/08	ND	ND	Dry	40
01/05/09	ND	ND	Dry	40
07/06/09	ND	ND	ND	40
01/06/10	ND	ND	ND	40
07/08/10	ND	ND	ND	40
01/07/11	ND	ND	ND	40
07/07/11	ND	ND	ND	40
01/05/12	ND	ND	ND	40
07/06/12	ND	ND	ND	40
01/09/13	ND	ND	ND	40
07/03/13	ND	ND	ND	40
02/05/14	ND	ND	ND	40
07/23/14	ND	ND	ND	40
01/28/15	ND	ND	ND	40
07/08/15	ND	ND	ND	40
01/29/16	ND	ND	51	40
07/27/16	ND	ND	75	40
01/05/17	ND	ND	60	40
07/06/17	ND	ND	ND	40
01/04/18	ND	ND	49	40
07/25/18	ND	ND	67	40
10/02/18	NS	NS	NS	40
10/08/18	NS	NS	NS	40
11/20/18	NS	NS	NS	40
01/17/19	ND	ND	47	40
02/20/19	NT	NT	NT	40
07/18/19	ND	ND	73	40

1) Rank the N = 95 observations from the smallest to the largest from background wells and compliance well GWC-12/12R.

n = 27
m = 68
N = 95

Ci (GWC-12/12R) = 1534.0

Cobalt (Wil C-12R)

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

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

$$W = 1156$$

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

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

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

$$E(W) = 918$$

Adjustment for tie values:

$$SD(W) = 54.897$$

4) Form the appropriate Z-score.

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

$$Z = 4.326$$

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

$$Z = 4.326$$

$$Z_{0.01} = 2.326$$

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 119-1472-158

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(10)	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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL
03/02/02	ND	ND	50	ND	ND	50	ND	ND	50	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
04/15/02	ND	ND	40	ND	ND	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
05/28/02	ND	ND	20	ND	ND	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/08/02	ND	ND	30	ND	ND	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
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	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	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	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	20
01/13/05	ND	ND	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	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	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	20
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/06/10	28	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	20
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/07/11	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	20
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/05/12	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	20
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	36.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
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	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	20
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	20
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	20
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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' = 38.

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 = 76
 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(10)	GWC-11	GWC-12(12)	GWC-13(13)	GWC-14(14)	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	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
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

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 119-1472-158

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(10)	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-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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
04/15/02	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
07/08/02	ND	ND	30	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	15
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	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	Dry	ND	Dry	ND	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	Dry	ND	Dry	ND	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	Dry	ND	Dry	ND	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	Dry	Dry	ND	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	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	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	15
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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' = 38.

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 = 76
 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(10)	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-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
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

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 119-1472-158

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(100)	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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL
03/02/02	ND	ND	30	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	20
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	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	30	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	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	20
02/28/03	20	ND	ND	30	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/23/03	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	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	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	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	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	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	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	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	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	20
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.4	ND	ND	21.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
01/05/17	ND	ND	ND	Dry	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	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	20
01/04/18	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	20
07/25/18	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	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	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	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	20
01/17/19	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	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	20
07/18/19	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	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' = 38.

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 = 76
 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(100)	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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29		
C =	10	10	10	10	10	10	10	10	10	21	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	Yes	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 J19-1472-158**

Compound: Total Nickel
MCL (µg/l): 100
Method: Wilcoxon Rank Sum
Background: GWA-1, 2

	GWA-1	GWA-2	GWC-9	MDL
02/28/03	20	ND	ND	20
07/23/03	ND	ND	ND	20
01/06/04	ND	ND	ND	20
07/08/04	ND	ND	ND	20
01/13/05	ND	ND	ND	20
07/22/05	ND	ND	ND	20
01/18/06	ND	ND	ND	20
07/06/06	ND	ND	ND	20
01/04/07	ND	ND	ND	20
07/11/07	ND	ND	ND	20
01/03/08	ND	ND	Dry	20
07/02/08	ND	ND	ND	20
01/05/09	ND	ND	ND	20
07/06/09	ND	ND	ND	20
01/06/10	ND	ND	ND	20
07/08/10	ND	ND	ND	20
01/07/11	ND	ND	ND	20
07/07/11	ND	ND	ND	20
01/05/12	ND	ND	Dry	20
07/06/12	ND	ND	Dry	20
01/09/13	ND	ND	Dry	20
07/03/13	ND	ND	ND	20
02/05/14	ND	ND	ND	20
07/23/14	ND	ND	ND	20
01/28/15	ND	ND	ND	20
07/08/15	ND	ND	ND	20
01/29/16	ND	ND	ND	20
07/27/16	ND	ND	22.4	20
01/05/17	ND	ND	20.3	20
07/06/17	ND	ND	ND	20
01/04/18	ND	ND	21.2	20
07/25/18	ND	ND	30	20
10/02/18	NS	NS	NS	20
10/08/18	NS	NS	NS	20
11/20/18	NS	NS	NS	20
01/17/19	ND	ND	31	20
02/20/19	NT	NT	NT	20
07/18/19	ND	ND	21	20

1) Rank the N = 98 observations from the smallest to the largest from background wells and compliance well GWC-9.

n = 30
m = 68
N = 98
Ci (GWC-9) = 1677.0

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

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

$$W = 1212$$

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

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

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

$$E(W) = 1020$$

Adjustment for tie values:

$$SD(W) = 57.924$$

4) Form the appropriate Z-score.

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

$$Z = 3.306$$

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

$$Z = 3.306$$

$$Z_{0.01} = 2.326$$

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 119-1472-158

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-10(100)	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-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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
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	10
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
01/05/09	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	10
07/06/09	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	10
01/06/10	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	10
07/08/10	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	10
01/07/11	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	10
07/07/11	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	10
01/05/12	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	10
07/06/12	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	10
01/09/13	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	10
07/03/13	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	10
02/05/14	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	10
07/23/14	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	10
01/28/15	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	10
07/08/15	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	10
01/29/16	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	10
07/27/16	ND	ND	ND	13.9	ND	ND	ND	ND	ND	ND	ND	17.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	
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	10
07/06/17	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	10
01/04/18	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	10
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22	ND	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
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	10
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	ND	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10

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

2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 38.

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 = 76
 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-10(100)	≤ 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-24	≤ GWC-25	≤ GWC-26	≤ GWC-27	≤ GWC-28	≤ GWC-29		
SSI =	No	No	No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

4) Compare the Prediction Limit (PL) to each Concentrations Detected (C) in each well during the most recent sampling event.

Since the Prediction Limit was exceeded in one or more of the wells, the concentrations in the subject wells are statistically significant at the false positive rate of 0.04. Intra-well testing should be performed.

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J19-1472-158**

Compound: Total Selenium
MCL (µg/l): 50
Method: Wilcoxon Rank Sum
Background: GWA-1, 2

	GWA-1	GWA-2	GWC-9	MDL
02/28/03	ND	ND	ND	10
07/23/03	ND	ND	ND	10
01/06/04	ND	ND	ND	10
07/08/04	ND	ND	ND	10
01/13/05	ND	ND	ND	10
07/22/05	ND	ND	ND	10
01/18/06	ND	ND	ND	10
07/06/06	ND	ND	ND	10
01/04/07	ND	ND	ND	10
07/11/07	ND	ND	ND	10
01/03/08	ND	ND	Dry	10
07/02/08	ND	ND	ND	10
01/05/09	ND	ND	ND	10
07/06/09	ND	ND	ND	10
01/06/10	ND	ND	ND	10
07/08/10	ND	ND	ND	10
01/07/11	ND	ND	ND	10
07/07/11	ND	ND	ND	10
01/05/12	ND	ND	Dry	10
07/06/12	ND	ND	Dry	10
01/09/13	ND	ND	Dry	10
07/03/13	ND	ND	ND	10
02/05/14	ND	ND	ND	10
07/23/14	ND	ND	ND	10
01/28/15	ND	ND	ND	10
07/08/15	ND	ND	ND	10
01/29/16	ND	ND	ND	10
07/27/16	ND	ND	17.2	10
01/05/17	ND	ND	ND	10
07/06/17	ND	ND	12.7	10
01/04/18	ND	ND	ND	10
07/25/18	ND	ND	13	10
10/02/18	NS	NS	NS	10
10/08/18	NS	NS	NS	10
11/20/18	NS	NS	NS	10
01/17/19	ND	ND	22	10
02/20/19	NT	NT	NT	10
07/18/19	ND	ND	17	10

1) Rank the N = 98 observations from the smallest to the largest from background wells and compliance well GWC-9.

n = 30
m = 68
N = 98
Ci (GWC-9) = 1655.0

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

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

$$W = 1190$$

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

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

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

$$E(W) = 1020$$

Adjustment for tie values:

$$SD(W) = 49.467$$

4) Form the appropriate Z-score.

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

$$Z = 3.427$$

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

$$Z = 3.427$$

$$Z_{0.01} = 2.326$$

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 J19-1472-158**

Compound: Total Selenium
MCL (µg/l): 50
Method: Wilcoxon Rank Sum
Background: GWA-1, 2

	GWA-1	GWA-2	GWC-11	MDL
02/28/03	ND	ND	ND	10
07/23/03	ND	ND	ND	10
01/06/04	ND	ND	ND	10
07/08/04	ND	ND	ND	10
01/13/05	ND	ND	ND	10
07/22/05	ND	ND	ND	10
01/18/06	ND	ND	ND	10
07/06/06	ND	ND	ND	10
01/04/07	ND	ND	ND	10
07/11/07	ND	ND	ND	10
01/03/08	ND	ND	ND	10
07/02/08	ND	ND	ND	10
01/05/09	ND	ND	Dry	10
07/06/09	ND	ND	ND	10
01/06/10	ND	ND	ND	10
07/08/10	ND	ND	ND	10
01/07/11	ND	ND	Dry	10
07/07/11	ND	ND	ND	10
01/05/12	ND	ND	ND	10
07/06/12	ND	ND	Dry	10
01/09/13	ND	ND	ND	10
07/03/13	ND	ND	ND	10
02/05/14	ND	ND	ND	10
07/23/14	ND	ND	ND	10
01/28/15	ND	ND	ND	10
07/08/15	ND	ND	ND	10
01/29/16	ND	ND	ND	10
07/27/16	ND	ND	ND	10
01/05/17	ND	ND	ND	10
07/06/17	ND	ND	ND	10
01/04/18	ND	ND	11	10
07/25/18	ND	ND	17	10
10/02/18	NS	NS	NS	10
10/08/18	NS	NS	NS	10
11/20/18	NS	NS	NS	10
01/17/19	ND	ND	15	10
02/20/19	NT	NT	NT	10
07/18/19	ND	ND	23	10

1) Rank the N = 99 observations from the smallest to the largest from background wells and compliance well GWC-11.

n = 31

m = 68

N = 99

Ci (GWC-11) = 1686.0

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

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

$$W = 1190$$

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

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

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

$$E(W) = 1054$$

Adjustment for tie values:

$$SD(W) = 45.217$$

4) Form the appropriate Z-score.

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

$$Z = 2.997$$

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

$$Z = 2.997$$

$$Z_{0.01} = 2.326$$

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 119-1472-158

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(10)	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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL
03/02/02	ND	20	40	20	ND	ND	ND	ND	110	130	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
04/15/02	ND	ND	30	20	ND	60	ND	ND	ND	80	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
05/28/02	ND	30	ND	20	ND	50	ND	ND	ND	60	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/02	ND	ND	30	30	ND	30	30	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
02/28/03	30	70	30	70	ND	20	20	ND	ND	30	ND	20	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/23/03	ND	40	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/06/04	ND	30	ND	ND	ND	ND	ND	ND	20	20	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/04	ND	ND	ND	ND	ND	ND	ND	20	ND	20	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/18/06	ND	ND	ND	ND	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/06/10	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	20	
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	24.9	ND	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	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	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	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	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	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	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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	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	20	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	20	
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	

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

2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 38.

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 = 76
 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(10)	GWC-11	GWC-12(12)	GWC-13(13)	GWC-14R	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	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
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

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 J19-1472-158

Compound: Total Zinc
 GA MCL (ug/l): Not Established
 Method: Kruskal-Wallis
 Background: GWA-1, GWA-2

	GWA-1	GWA-2	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-7A	GWC-8	GWC-9	GWC-10/10D	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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	MDL	
03/02/02	40	40	120	70	60	80	50	30	200	260	100	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
04/15/02	80	40	80	70	50	110	30	40	40	160	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
05/28/02	40	50	80	70	50	100	40	30	40	110	40	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/02	ND	ND	70	50	40	50	30	30	20	20	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
02/28/03	150	70	90	150	110	90	50	120	80	190	70	110	80	180	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/23/03	50	60	70	60	40	50	40	40	30	70	40	60	40	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/04	ND	ND	ND	20	ND	20	ND	ND	ND	20	30	ND	30	40	20	30	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/13/05	ND	ND	50	ND	ND	ND	ND	ND	ND	30	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/22/05	ND	ND	ND	ND	ND	40	40	40	ND	ND	50	30	180	30	ND	50	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/18/06	ND	ND	ND	ND	ND	20	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/03/08	ND	ND	ND	ND	ND	320	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/02/08	ND	ND	ND	30	ND	ND	20	ND	ND	ND	ND	20	ND	ND	Dry	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/09	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/09	21	ND	ND	41	32	ND	ND	ND	37	ND	28	ND	28	ND	26	Dry	NP	160	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/06/10	28	ND	ND	ND	22	42	ND	25	ND	ND	ND	ND	28	ND	Dry	NP	25	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/08/10	ND	ND	ND	ND	27	20	ND	ND	ND	66	38	ND	47	40	ND	ND	NP	120	ND	27	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/07/11	ND	ND	ND	ND	22.6	ND	ND	ND	ND	26.2	Dry	Dry	27.4	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/07/11	ND	ND	ND	ND	23.3	ND	ND	ND	ND	42.4	Dry	44	24.3	ND	NP	NP	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	Dry	Dry	ND	23.5	NP	NP	NP	27.8	ND	Dry	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	20	
07/06/12	ND	ND	ND	ND	ND	21.5	ND	ND	ND	Dry	ND	Dry	ND	ND	NP	NP	24.4	ND	Dry	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	86.1	ND	NP	NP	42.2	ND	Dry	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/03/13	ND	ND	ND	ND	ND	38.1	ND	ND	ND	21.7	ND	ND	34.5	ND	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	23.1	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/23/14	ND	ND	31	ND	ND	ND	ND	ND	ND	27.4	ND	ND	ND	ND	NP	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	62	ND	ND	ND	ND	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	91.1	ND	ND	ND	ND	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	121	ND	ND	ND	ND	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	173	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	186	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/06/17	ND	ND	ND	ND	20.2	ND	ND	ND	ND	20.8	136	ND	29	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
01/04/18	ND	ND	ND	ND	ND	32	ND	ND	ND	155	ND	41.6	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	220	ND	46	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	20	
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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	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	55	20
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	ND	46	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	57.3	20
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	23	20

	N ₁	N ₂	N ₃	N ₄	N ₅	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁	N ₂₂	N ₂₃	N ₂₄	N ₂₅	N ₂₆	N ₂₇	N ₂₈	N ₂₉	N ₃₀
sum of rank values (R _i)	14155.5	13047.0	14368.0	13925.5	13830.5	16173.5	16052.5	13653.5	14351.0	14545.0	14812.5	16951.5	10635.5	14342.5	9527.5	9237.0	2925.0	10781.5	6582.0	5557.5	5113.5	5557.5	6204.0	5265.0	1462.5	1869.0	1462.5	1462.5	1462.5	2571.5
avg rank value (R _{bar})	372.5	343.3	378.1	376.4	364.0	425.6	422.4	359.3	377.7	382.8	389.8	565.1	343.1	462.7	352.9	329.9	292.5	347.8	346.4	292.5	319.6	292.5	326.5	292.5	292.5	373.8	292.5	292.5	292.5	514.3

Compute the Kruskal-Wallis statistic:
 $H = [(12/N(N+1)) * \sum_{i=1}^k (R_i^2/N_i)] - 3(N+1)$

Well =	Background	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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29
R _i ² /N _i =	9736526.398	5E+06	5E+06	5E+06	7E+06	7E+06	5E+06	5E+06	6E+06	6E+06	1E+07	4E+06	7E+06	3E+06	3E+06	855563	4E+06	2E+06	2E+06	2E+06	2E+06	2E+06	2E+06	427781	698632	427781	427781	427781	1E+06
N _{tot} =	76																												
N =	745																												
H =	53.23																												

Adjust H for ties:
 $T_i = 2E+08$ sum of T₁, T₂₃

$H' = H / (1 - (T_i / (N^3 - N)))$
 $H' = 102.72$
 Chi-square = 41.34

Compare the calculated value H' to the tabulated Chi-square value with K-1 = # groups - 1 = 17df at the 5% significance level from Table 1 of the IFG. The value is 41.34 which is less than H' = 102.72. Therefore, there is evidence of significant differences between the well groups. Post-hoc pairwise comparisons are necessary (see below).

Calculate the critical values to compare each compliance well to the background wells:

Critical Value (C _x) = P(N(N+1)/12) ^{0.5} * (1/N _{tot} + 1/N _x) ^{0.5}	P = 2.33	Percentile of Standard Normal Distribution from Table 4 of IFG																											
N = total sample size																													
N _{tot} = total samples (N _t) of background data																													
N _x = total samples (N _x) of well x																													
Difference between average ranks (D _x) = R _{bar} (well x) - avg R _{bar} (background)																													
Well =		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										

**Eagle Point MSW Landfill
Forsyth County, Georgia
BLE Project Number J19-1472-158**

Compound: **Total Zinc**
 GA MCL (µg/l): Not Established
 Method: Shewhart-CUSUM Control Chart

Part 1: Check for Normality

	GWC-9	MDL
2/28/03	110	20
7/23/03	60	20
1/6/04	ND	20
7/8/04	ND	20
1/13/05	ND	20
7/22/05	30	20
1/18/06	ND	20
7/6/06	ND	20
1/4/07	ND	20
7/11/07	ND	20
1/3/08	Dry	20
7/2/08	20	20
1/5/09	ND	20
7/6/09	28	20
1/6/10	ND	20
7/8/10	38	20
1/7/11	26.2	20
7/7/11	42.4	20
1/5/12	Dry	20
7/6/12	Dry	20
1/9/13	Dry	20
7/3/13	21.7	20
2/5/14	23.1	20
7/23/14	27.4	20
1/28/15	62	20
7/8/15	91.1	20
1/29/16	121	20
7/27/16	173	20
1/5/17	186	20
7/6/17	136	20
1/4/18	155	20
7/25/18	220	20
10/2/18	NS	20
10/8/18	NS	20
11/20/18	NS	20
1/17/19	200	20
2/20/19	NT	20
7/18/19	140	20

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

$$\begin{aligned}
 X_{\text{bar}} &= 66.6966667 \\
 SD &= 67.6564113 \\
 N &= 30 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 278443.237 \\
 \gamma_1 &= 0.94600773
 \end{aligned}$$

Since the Coefficient of Skewness of 0.95 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.

$$\begin{aligned}
 X_{\text{bar}} &= 3.62763317 \\
 SD &= 1.13053451 \\
 N &= 30 \\
 1/N \sum_i (X_i - X_{\text{bar}})^3 &= 0.2396946
 \end{aligned}$$

$$\gamma_1 = 0.17453867$$

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:

$$31.25 = \bar{x}_{\text{mean}} \text{ (Mean of N1-N8 historical data)}$$

$$36.4250699 = s \text{ (Standard Deviation of N1-N8 historical data)}$$

$$1 = k \text{ (constant, reference value)}$$

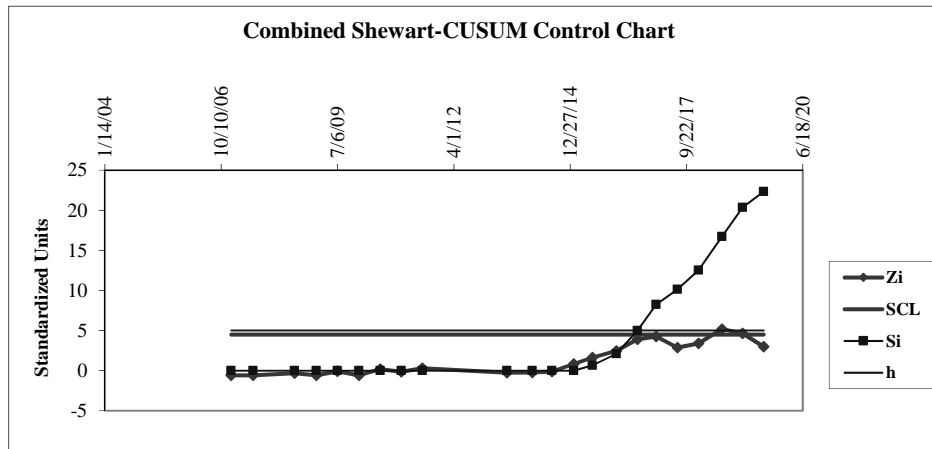
$$5 = h \text{ (constant, upper control limit for the CUSUM scheme)}$$

$$4.5 = \text{SCL (Constant, upper Shewhart Control Limit)}$$

Compute the standardized mean (Z_i) and the cumulative sum (S_i) for each concentration.

Date	x_i	Z_i	S_i	h	SCL
			0		
1/4/07	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

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 119-1472-158

Compound: Acetone
 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(10)	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-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	100
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	100
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	100
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	100
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	100
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	100
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	100
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	100
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	100
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	100
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	100
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	100
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	100
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	100
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
01/05/09	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	100
07/06/09	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	100
01/06/10	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	100
07/08/10	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	100
01/07/11	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	100
07/07/11	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	100
01/05/12	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	100
07/06/12	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	100
01/09/13	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	100
07/03/13	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	100
02/05/14	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	100
07/23/14	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	100
01/28/15	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	100
07/08/15	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	100
01/29/16	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	100
07/27/16	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	100
01/05/17	ND	ND	ND	Dry	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	100
07/06/17	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	100
01/04/18	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	100
07/25/18	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	100
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	100	
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	100	
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	100	
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	100
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	100
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	100

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' = 38.

3) Set the Prediction Limit equal to the maximum concentration from the background well(s) PL = 50.

4) Set the number of future comparisons equal to the number of background well plus 1 (each compliance well compared individually) 'm' = 2.

n = 76
 PL = 50
 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(10)	≤ 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-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

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 119-1472-158

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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	
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	2
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/06/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	NS	Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	NS	Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	NS	Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Dry	NT	Dry	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2

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

2) Set the total number of data values for background well(s) equal to the number of background samples tested 'n' = 38.

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 = 76
 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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29	
SSI =	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

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 J19-1472-158**

Compound: Benzene
MCL (µg/l): 5
Method: Wilcoxon Rank Sum
Background: GWA-1, 2

	GWA-1	GWA-2	GWC-12/12R	MDL
02/28/03	ND	ND	NP	2
07/23/03	ND	ND	NP	2
01/06/04	ND	ND	NP	2
07/08/04	ND	ND	ND	2
01/13/05	ND	ND	ND	2
07/22/05	ND	ND	ND	2
01/18/06	ND	ND	ND	2
07/06/06	ND	ND	ND	2
01/04/07	ND	ND	ND	2
07/11/07	ND	ND	NS	2
01/03/08	ND	ND	Dry	2
07/02/08	ND	ND	Dry	2
01/05/09	ND	ND	Dry	2
07/06/09	ND	ND	ND	2
01/06/10	ND	ND	ND	2
07/08/10	ND	ND	ND	2
01/07/11	ND	ND	ND	2
07/07/11	ND	ND	ND	2
01/05/12	ND	ND	ND	2
07/06/12	ND	ND	ND	2
01/09/13	ND	ND	ND	2
07/03/13	ND	ND	ND	2
02/05/14	ND	ND	ND	2
07/23/14	ND	ND	ND	2
01/28/15	ND	ND	ND	2
07/08/15	ND	ND	ND	2
01/29/16	ND	ND	ND	2
07/27/16	ND	ND	2.1	2
01/05/17	ND	ND	2.3	2
07/06/17	ND	ND	ND	2
01/04/18	ND	ND	2.3	2
07/25/18	ND	ND	2.9	2
10/02/18	NS	NS	NS	2
10/08/18	NS	NS	NS	2
11/20/18	NS	NS	NS	2
01/17/19	ND	ND	2.1	2
02/20/19	NT	NT	NT	2
07/18/19	ND	ND	2.8	2

1) Rank the N = 95 observations from the smallest to the largest from background wells and compliance well GWC-12/12R.

n = 27
m = 68
N = 95

Ci (GWC-12/12R) = 1500.0

Benzene (Wil C-12R)

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

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

$$W = 1122$$

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

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

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

$$E(W) = 918$$

Adjustment for tie values:

$$SD(W) = 51.097$$

4) Form the appropriate Z-score.

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

$$Z = 3.983$$

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

$$Z = 3.983$$

$$Z_{0.01} = 2.326$$

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 J19-1472-158**

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

1) Rank the N = 54 observations from the smallest to the largest from background wells and compliance well GWC-12/12R.

n = 27

m = 27

N = 54

Ci (GWC-12/12R) = 378.0

Benzene (Wil BG) C-12R

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

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

$$W = 0$$

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

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

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

$$E(W) = 364.5$$

Adjustment for tie values:

$$SD(W) = 52.227$$

4) Form the appropriate Z-score.

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

$$Z = -6.989$$

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

$$Z = -6.989$$

$$Z_{0.01} = 2.326$$

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 119-1472-158

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(10)	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-24	GWC-25	GWC-26	GWC-27	GWC-28	GWC-29		
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	2
04/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
05/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/28/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/06/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/13/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/22/05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/18/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/04/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/11/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/03/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/09	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	2
07/06/09	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	2
01/06/10	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	2
07/08/10	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	2
01/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/07/11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/09/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/03/13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/05/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/28/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/08/15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/29/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/27/16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/05/17	ND	ND	ND	Dry	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/06/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
01/04/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
10/02/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
10/08/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
11/20/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	
01/17/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
02/20/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Dry	Dry	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2
07/18/19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	Dry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2

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' = 38.

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 = 76
 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(10)	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-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

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.

